	Page 770
1	STATE OF MISSOURI
2	PUBLIC SERVICE COMMISSION
3	
4	
5	
6	TRANSCRIPT OF PROCEEDINGS
7	Evidentiary Hearing
8	October 29, 2012
9	Jefferson City, Missouri
	Volume 19
10	
11	
12	In the Matter of Kansas City )
	Power & Light Company's Request )
13	for Authority to Implement a ) File No. ER-2012-0174
	General Rate Increase for Electric )
14	Service )
15	In the Matter of KCP&L Greater )
	Missouri Operations Company's )
16	Request for Authority to Implement ) File No. ER-2012-0175
	a General Rate Increase for )
17	Electric Service )
18	
	DANIEL R.E. JORDAN, Presiding,
19	SENIOR REGULATORY LAW JUDGE.
20	KEVIN D. GUNN, Chairman,
	TERRY JARRETT,
21	COMMISSIONERS.
22	
23	REPORTED BY:
24	KELLENE K. FEDDERSEN, CSR, RPR, CCR
	MIDWEST LITIGATION SERVICES
25	

	Page 771
1	APPEARANCES:
2	KARL ZOBRIST, Attorney at Law
	ROGER W. STEINER, Attorney at Law
3	SNR Denton
3	4520 Main Street, Suite 1100
4	Kansas City, MO 64111
4	(816) 460-2545
5	karl.zobrist@snrdenton.com
	roger.steiner@snrdenton.com
6	roger.sterneresnrdenton.com
0	JAMES M. FISCHER, Attorney at Law
7	Fischer & Dority
,	101 Madison, Suite 400
8	Jefferson City, MO 65101
	(573) 636–6758
9	jfischerpc@aol.com
10	CHARLES W. HATFIELD, Attorney at Law
10	Attorney at Law
11	STINSON MORRISON HECKER, LLP
	230 West McCarty Street
12	Jefferson City, MO 65101
	(573)636-6263
13	chatfield@stinson.com
14	FOR: Kansas City Power & Light.
	KCPL Greater Missouri Operations Co.
15	
	CARL J. LUMLEY, Attorney at Law
16	Curtis, Oetting, Heinz, Garrett & O'Keefe
	130 South Bemiston, Suite 200
17	Clayton, MO 63105-1913
	(314)725-8788
18	clumley@lawfirmemail.com
19	FOR: Dogwood Energy.
20	REED J. BARTELS, Attorney at Law
	3100 Broadway, Suite 1209
21	Kansas City, MO 64111
	rbartels@bartelslaw.com
22	
	FOR: Midwest Energy Users' Association.
23	
24	
25	

	Page 772
1	STUART CONRAD, Attorney at Law
2	Finnegan, Conrad & Peterson 3100 Broadway
۷	1209 Penntower Officer Center
3	Kansas City, MO 64111
	(816)753-1122
4	stucon@fcplaw.com
5	FOR: Praxair.
6	Midwest Energy Users' Association.
	JOHN COFFMAN, Attorney at Law
7	871 Tuxedo Boulevard
	St. Louis, MO 63119
8	(573)424-6779 FOR: AARP.
	Consumers Council of Missouri.
10	
	TODD JACOBS, Attorney at Law
11	Missouri Gas Energy
12	3420 Broadway Kansas City, MO 64111
	(816) 360-5976
13	
1.4	DEAN L. COOPER, Attorney at Law
14	Brydon, Swearengen & England, P.C. 312 East Capitol
15	Jefferson City, MO 65102-0456
	(573)635-7166
16	
17	FOR: Missouri Gas Energy.
1 1	CAROLE L. ILES, Attorney at Law
18	Bryan Cave, LLP
	221 Bolivar Street, Suite 101
19	Jefferson City, MO 65101-1574
20	(573) 556-6621
	FOR: Missouri Industrial Energy Consumers.
21	
	LEWIS R. MILLS, JR., Public Counsel
22	P.O. Box 2230
23	200 Madison Street, Suite 650 Jefferson City, MO 65102-2230
	(573) 751-4857
24	
	FOR: Office of the Public Counsel
25	and the Public.
1	

		Page 773
1	NATHAN WILLIAMS, Deputy Counsel/Electric	
	SARAH KLIETHERMES, Senior Counsel	
2	JEFFREY KEEVIL, Legal Counsel	
	P.O. Box 360	
3	200 Madison Street	
	Jefferson City, MO 65102	
4	(573)751-3234	
5	FOR: Staff of the Missouri Public	
	Service Commission.	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

	Page 774
1	(WHEREUPON, the hearing began at 8:38 a.m.)
2	JUDGE JORDAN: The Commission is calling
3	the actions in File Nos. ER-2012-0174 and ER-2012-0175.
4	These are the general rate actions filed by Kansas City
5	Power & Light Company and KCPL Greater Missouri Operations
6	Company. I'm Daniel Jordan. I'm the Regulatory Law Judge
7	assigned to these actions.
8	And we'll begin by taking entries of
9	appearance today, and we'll start with the companies.
10	MR. ZOBRIST: On behalf of Kansas City
11	Power & Light Company and KCP&L Greater Missouri
12	Operations Company, Karl Zobrist, Roger W. Steiner, James
13	Fischer and Charles Hatfield.
14	JUDGE JORDAN: Thank you. Let's move up to
15	Staff next.
16	MS. KLIETHERMES: Thank you, Judge. Sarah
17	Kliethermes, Nathan Williams and Jeffrey Keevil for Staff.
18	JUDGE JORDAN: Thank you. For the Office
19	of the Public Counsel.
20	MR. MILLS: Lewis Mills on behalf of the
21	Office of the Public Counsel and the public.
22	JUDGE JORDAN: And let's go right behind
23	Mr. Mills.
24	MR. COFFMAN: John B. Coffman appearing on
25	behalf of AARP and the Consumers Council of Missouri.

	Page 775
1	JUDGE JORDAN: Next.
2	MR. CONRAD: Your Honor, in the 0174 case,
3	Stu Conrad for Praxair. In the 00 I'm sorry, 174, and
4	then 175 is the GMO case for MEUA, Ag Processing.
5	JUDGE JORDAN: Thank you.
6	MR. LUMLEY: Carl Lumley appearing on
7	behalf of Dogwood Energy.
8	MR. JACOBS: Todd Jacobs and Dean Cooper on
9	behalf of Missouri Gas Energy.
10	JUDGE JORDAN: Thank you.
11	MR. BARTELS: Reed Bartels on behalf of
12	Midwest Energy Users, 0174.
13	JUDGE JORDAN: Thank you. And I believe
14	that's everyone.
15	MS. ILES: Carole Iles, Bryan Cave, on
16	behalf of MIEC.
17	JUDGE JORDAN: Thank you. I have one
18	preliminary matter that I wish to announce. I am granting
19	the request to be excused of United States Department of
20	Energy and associated federal agencies, federal executive
21	agencies, and I will not be requiring an appearance by
22	them either by telephone or otherwise. So that request to
23	be excused is granted. We discussed that off the record.
24	There was no objection.
25	And now the parties have requested a recess

	Page 776
1	to discuss the issue of that was rate design and class
2	cost of service. They're discussing issues related to
3	both KCPL and GMO, and so the parties have requested an
4	hour of recess, and when we come back from that recess, we
5	will either take up that issue or we will take up the
6	issue of the fuel adjustment clause.
7	Anything else before we go off the record
8	and go into recess for an hour? Then we'll go off the
9	record for one hour and be in recess. Thank you.
10	(A BREAK WAS TAKEN.)
11	(KCPL EXHIBIT NOS. 38 AND 39 AND GMO
12	EXHIBIT NOS. 132 AND 133 WERE MARKED FOR IDENTIFICATION.)
13	JUDGE JORDAN: We're back on the record.
14	Off the record the parties have discussed how they wish to
15	proceed this morning, and we are going to skip the rate
16	design and class cost of service issues for now and
17	proceed to the fuel adjustment clause issues. We'll have
18	opening statements related to that issue, beginning with
19	the applicant utilities.
20	MR. ZOBRIST: May it please the Commission?
21	Karl Zobrist for the companies. Actually, in this case
22	just Greater Missouri Operations Company. The company
23	proposes to continue the fuel adjustment clause mechanism
24	that was set in the last case, which is a 95 percent/
25	5 percent sharing mechanism, whereby 95 percent of costs

	Page 777
1	above base rates are passed to customers and the company
2	absorbs 5 percent.
3	In the last case, Staff had a proposal
4	similar to the proposal in this case. In the last case,
5	in the 2010 case it proposed that the sharing mechanism be
6	shifted to $75/25$ . That was rejected by the Commission.
7	In this case, without any additional basis for a change,
8	it advocates 85/15 percent sharing mechanism.
9	There has been no finding of imprudence
10	with regard to GMO's fuel procurement process. Indeed, in
11	the third prudence review which was just concluded in
12	September, the Commission rejected all of Staff's proposed
13	adjustments and its requested refunds.
14	In this case, Staff cites a number of
15	reasons, several of which have been discussed in previous
16	issues and a couple of which that we'll deal with here.
17	One is the alleged indifference by GMO to the fuel

contracts, and Staff ignores, of course, the fact that in

adjustment clause mechanism, and based upon some testimony

that was taken out of context by the company's witness Ed

Blunk, it advocates this readjustment from 85/15 -- pardon

The company also is facing criticism by

Fax: 314.644.1334

me, from 95/5 to 85/15, and we'll show that when put in

context there really is no basis for that.

Staff because it has relied upon purchased power

18

19

20

21

22

23

24

25

- 1 the last year or so natural gas prices have decreased and,
- 2 therefore, by and large the wholesale price of electricity
- 3 have decreased, all to the customer benefits.
- 4 Staff in its report does report the effect
- 5 that such a change would have on net income before taxes
- 6 and what a substantial burden this would be for the
- 7 company, and I intend to go through some of those numbers
- 8 just to understand why the tripling essentially of the
- 9 absorption of costs by GMO would be a detriment and would
- 10 not -- it would deviate from the intent of the statute as
- 11 well as from the intent of the Commission in the last
- 12 case.
- 13 That's all I have Judge. Thank you very
- 14 much.
- 15 JUDGE JORDAN: Thank you. Opening
- 16 statement from Staff.
- 17 MR. KEEVIL: Thank you, Judge. May it
- 18 please the Commission? I'm Jeff Keevil. I'll be
- 19 representing Staff on the fuel adjustment clause or FAC
- 20 issue, which, as Mr. Zobrist mentioned, is a GMO only
- 21 issue in this case.
- I take the concept of mini opening
- 23 statements quite literally and will be as brief as
- 24 possible. However, there appears to possibly have been
- 25 some confusion as to what Staff is recommending in this

	Page 779
1	case on this issue, so I will attempt to clarify Staff's
2	recommendation.
3	Staff is recommending that GMO's FAC tariff
4	should be modified to, No. 1, specify that the only
5	transmission costs included in the FAC are those
6	transmission costs that are necessary to receive purchased
7	power to serve native load and transmission costs that are
8	necessary to make off-system sales included in FERC
9	account No. 565 except for costs related to the Crossroads
10	Energy Center.
11	Two, provide that revenues reflected in
12	FERC account No. 509 from the sale of renewable energy
13	credits that are not needed to meet the renewable energy
14	standard be flowed through GMO's FAC.
15	Three, standardize the terminology in GMO's
16	FAC to be consistent with the terminology Staff is
17	proposing for the FACs of all of the regulated electrical
18	corporations in Missouri which have FACs as appropriate.
19	And by the way, I might mention that it's my belief that
20	GMO does not object to this recommendation, although you
21	may wish to confirm that with GMO.
22	No. 4, which Mr. Zobrist mentioned, change
23	the sharing mechanism in GMO's FAC from 95/5 to 85/15 in
24	order to provide the company greater incentive to reduce
2.5	its fuel and purchased power costs net of off-system

Page 780 1 sales. 2 Now, here I would point out that the 3 statute which authorizes fuel adjustment clauses for regulated electrical corporations provides that the 4 5 Commission may include in such rate schedules features designed to provide the electrical corporation with 6 7 incentives to improve the efficiency and cost effectiveness of its fuel and purchased power procurement 8 activities. 10 Now, I don't want to get too deeply into the evidence which will be presented, but it is Staff's 11 12 position for several reasons, which will be shown by the evidence which has been prefiled herein, that the current 13 95/5 sharing mechanism does not provide the company with 14 sufficient incentives. 15 16 And I would disagree with Mr. Zobrist's 17 position in his opening statement that nothing has changed since the last GMO rate case because we believe that new 18 evidence has come to light which further supports Staff's 19 position in this case. And as Mr. Zobrist mentioned, in 20 21 the last case Staff was advocating a 75/25 split, whereas in this case we're merely advocating 85/15. 22 Finally, Staff is also recommending that 23 24 the Commission order GMO to provide or make available the information and documents set forth in Staff's revenue 25

Page 781

- 1 requirement cost of service report on pages 280 and 281
- 2 To aid Staff in performing the FAC tariff prudence and
- 3 true-up reviews.
- 4 Now, I'm not going to read that entire list
- 5 at this time, but I would mention that it is my
- 6 understanding that GMO is already supplying this
- 7 information or at least most of it. However, since GMO is
- 8 requesting to continue its FAC, Staff felt it was prudent
- 9 to request in this case that GMO be ordered to continue to
- 10 supply this information to Staff.
- I might also mention that Staff had
- 12 initially recommended that GMO's FAC tariff be modified to
- 13 specifically limit fuel hedging costs flowed through the
- 14 FAC to hedging costs for natural gas actually burned in
- 15 GMO's generating units. However, since Staff's initial
- 16 recommendation was filed in this case, the Commission
- 17 issued its Report and Order in Case No. EO-2011-0390, and
- 18 as a result of that Report and Order, Staff is no longer
- 19 pursuing this recommendation in this case.
- Now, Staff will be presenting
- 21 Mr. Matthew J. Barnes of the Staff as its witness on these
- 22 recommendations. Mr. Barnes contributed to both the
- 23 revenue requirement cost of service report and the class
- 24 cost of service and rate design report, and he also filed
- 25 rebuttal and surrebuttal on these issues.

	Page 782
1	Thank you very much.
2	JUDGE JORDAN: Thank you. Opening
3	statement from the Office of Public Counsel.
4	MR. MILLS: Judge, I will waive my opening
5	statement and simply note that the Public Counsel supports
6	Staff's position on this issue.
7	JUDGE JORDAN: Thank you. MIEC opening
8	statement.
9	MS. ILES: Your Honor, MIEC waives opening
10	statement.
11	JUDGE JORDAN: Mr. Conrad, opening
12	statement?
13	MR. CONRAD: We'll waive, your Honor.
14	Thank you.
15	JUDGE JORDAN: Any opening statement from
16	AARP or Consumers Council?
17	MR. COFFMAN: Yes, your Honor. May it
18	please the Commission?
19	Both of my clients, AARP as well as the
20	Consumers Council of Missouri, oppose a fuel adjustment
21	clause for GMO and believe and have consistently taken the
22	position that fuel adjustment clauses are unfair to
23	consumers and are a poor way to set rates because they
24	greatly increase the volatility of rates, they allow rates
25	to increase even in situations where the utility might be

	Page 783
1	overearning, and because they remove the incentive to
2	efficiently procure fuel and purchased power.
3	We don't think that it's fair that the
4	ratepayers, who have absolutely no control over fuel and
5	purchased power decisions, bear 95 percent of the risk of
6	volatility of increases or decreases in this particular
7	component of rates and that the utility only bears
8	5 percent. We think that's patently unfair and would like
9	to see the current fuel adjustment clause discontinued.
10	Alternatively, if the Commission decides to
11	continue forward with the request to have a fuel
12	adjustment clause, we support the Staff and their
13	competent and substantial evidence that increasing the
14	sharing percentage would at least increase the meager
15	incentive that is currently in place to a more fair one.
16	We would actually prefer if there was to be
17	a fair amount that it be $50/50$ and that this be shared.
18	We think that the Staff's recommendation in this case
19	would at least be an improvement.
20	Thank you.
21	JUDGE JORDAN: Thank you. Opening
22	statement from Dogwood Energy?
23	MR. LUMLEY: No, Judge. We waive.
24	JUDGE JORDAN: Southern Union Company,
25	doing business as Missouri Gas Energy?

	Page 784
1	MR. JACOBS: Judge, we have not taken a
2	position on this issue, so we ask to waive opening and
3	cross.
4	JUDGE JORDAN: So noted. First witness.
5	MR. ZOBRIST: Company recalls Tim Rush to
6	the stand.
7	JUDGE JORDAN: Mr. Rush, I've already sworn
8	you, so you may be seated and resume examination.
9	MR. ZOBRIST: Judge, his testimony has
10	previously been introduced and I believe not admitted yet,
11	but it's Exhibit 134 for his direct testimony,
12	Exhibit 135 his rebuttal testimony and Exhibit 136 his
13	surrebuttal testimony. I can't he may be testifying
14	again, so I won't offer these at the present time, but
15	they have been marked and have been prefiled.
16	JUDGE JORDAN: That's fine. And I
17	understand that there's no certainty as to when some of
18	these witnesses will take make their last appearance on
19	the stand as the issue may settle.
20	MR. ZOBRIST: Perhaps just out of an
21	abundance of caution I'll offer the exhibits right now. I
22	don't know if any of the parties have any objections to
23	those three exhibits, but I would offer them at this
24	point.
25	JUDGE JORDAN: I think that's the way to do

Page 785

- 1 that. Then at the conclusion I'll remember to rule on all
- 2 outstanding exhibits. And I've not heard any objection so
- 3 far.
- 4 MR. MILLS: Well, Judge, with respect to
- 5 Mr. Rush's testimony, his testimony is the subject of the
- 6 two motions to strike, and I just don't want that to be
- 7 lost in the length of the hearing that those are still
- 8 outstanding, and those objections do go to parts of his
- 9 testimony.
- 10 JUDGE JORDAN: I appreciate you reminding
- 11 me of that, and any ruling I make will be subject to the
- 12 motion, subject to the motions to strike, both of which
- 13 are still pending and outstanding. The Commission has not
- 14 ruled on them.
- 15 TIM RUSH testified as follows:
- 16 DIRECT EXAMINATION BY MR. ZOBRIST:
- 17 Q. Mr. Rush, I believe other lawyers have
- asked you if you have any corrections to your testimony.
- 19 Do you have any corrections?
- 20 A. I have no further corrections. I made
- 21 several last week.
- 22 MR. ZOBRIST: All right. Thank you.
- 23 Judge, in that event, I will tender the witness for
- 24 cross-examination.
- 25 JUDGE JORDAN: Very well. As I recall,

	Page 786
1	Southern Union has waived cross on all the witnesses on
2	this subject; is that correct?
3	MR. JACOBS: That's correct.
4	JUDGE JORDAN: Mr. Lumley, any cross from
5	Dogwood?
6	MR. LUMLEY: No.
7	JUDGE JORDAN: Mr. Coffman?
8	MR. COFFMAN: Your Honor, if may I
9	request the opportunity to go last in the
10	cross-examination on this issue given that I'm the most
11	adverse party? I don't know if there would be another
12	objection.
13	JUDGE JORDAN: I have no problem with
14	departing from the sequence of cross-examination as it's
15	been proposed to me. Any objection to that? Is there any
16	problem with that? You may certainly do so.
17	MR. COFFMAN: Thank you.
18	JUDGE JORDAN: Mr. Conrad, any
19	cross-examination?
20	MR. CONRAD: No, sir. Thank you.
21	JUDGE JORDAN: Mr. Bartels?
22	MR. BARTELS: No, your Honor.
23	JUDGE JORDAN: And that brings us to the
24	Office of the Public Counsel.
25	MR. MILLS: No questions.

Page 787 1 JUDGE JORDAN: Staff? 2 MR. KEEVIL: Just a few, your Honor. 3 CROSS-EXAMINATION BY MR. KEEVIL: 4 Q. Good morning, Mr. Rush. 5 Α. Good morning. I have to admit, I wasn't in the hearing 6 Q. 7 room when you made the corrections that you referred to 8 earlier to your testimony. Did you have any corrections on this issue that you made previously? No, I did not. 10 Α. 11 Okay. A couple of questions then regarding Q. 12 what you have here. If I could direct you to page 2 of 13 your rebuttal testimony, line 3, I think that was probably 14 just a carryover from -- you say you're responding to 15 Staff witness Lena Mantle's proposal on the fuel 16 adjustment clause. 17 That's correct. That should have been Matthew Barnes. 18 19 Q. I'm just trying to make sure there's no 20 confusion as to what we're doing here. Thank you. 21 Α. Thank you. I appreciate that. 22 Q. And also in your rebuttal over on page 19, 23 beginning I guess on line 7 but running through line 17, 24 you quote a portion of a statute 386.226.4, and it appears 25 that you have a subsection 13 there in the quote, and I

Page 788

- 1 would suggest to you that section 4 only has four
- 2 subsections, and it appears to me that what you've done
- 3 there is picked up another section of that statute there
- 4 under No. 13. Can you confirm or deny that?
- 5 A. I don't have that section, the entire
- 6 statute with me. I -- I believe that did come from the
- 7 statute. I'm not sure that I identified the section
- 8 correctly. I thought I did.
- 9 Q. Okay. What -- as I understand your -- your
- argument there, you're referring to the portion of the
- 11 statute which talks about considering fuel adjustment
- 12 clause mechanisms after a full hearing before the
- 13 Commission, and I was just curious, what does -- what does
- 14 that section 13 that you have quoted there that talks
- about appointing a task force, what relevance does that
- 16 have in your opinion to considering adjustment mechanisms
- 17 after a full hearing? Do you see what I'm referring to?
- 18 A. I believe -- I believe that this we went
- 19 through in the last rate case, and my concern there and my
- 20 understanding is that modifications to the fuel adjustment
- 21 clause were to be considered after a task force was
- 22 established and a review made of it.
- 23 And my point was Staff is making a
- 24 recommendation for modifications to the current fuel
- 25 adjustment clause without consideration to other

Page 789

- 1 interested parties or the evaluation of such that could
- 2 address changes to the fuel adjustment clause, and that
- 3 was -- that was in the statute as I understood it to try
- 4 to say let's get a fuel adjustment clause out, let's get
- 5 it operational. After some time let's get parties
- 6 together, make sure this is still operational and working
- 7 in a manner that is consistent with policies, and then any
- 8 modifications may come from that.
- 9 Q. And the statute actually provides, does it
- 10 not, Mr. Rush, that any modifications or continuation of
- 11 the fuel clause shall be made during a general rate
- 12 proceeding of the company?
- 13 A. I think that's correct.
- 14 Q. And that's -- we're in a general rate
- 15 proceeding now, and all interested parties have had
- opportunity to intervene and several have, correct?
- 17 A. I do think so, but I don't think that --
- 18 Q. Thank you, Mr. Rush.
- 19 A. -- there's ever been a task force
- 20 established to do that.
- 21 JUDGE JORDAN: When someone asks a yes or
- 22 no question, it's easiest if we just give a yes or no
- 23 answer. If counsel asks you to stop, it's better to stop.
- 24 And you are subject to redirect. These are things that
- 25 counsel can take up on recross, redirect, et cetera.

Page 790 THE WITNESS: I wasn't sure that was a yes 1 2 or no. I'm sorry. 3 BY MR. KEEVIL: 4 Q. Mr. Rush, easy question here. What is your 5 position at GMO? 6 I work for Kansas City Power & Light. 7 the director of regulatory affairs, which I oversee both the GMO and Kansas City Power & Light Missouri retail rate 8 regulations. 10 So you're not in charge of fuel procurement Q. 11 or purchasing power; is that correct? 12 No, I am not. Okay. If I could refer you to page 18 of 13 Q. 14 your rebuttal on line -- the question's on line 4. The 15 answer begins on line 6. You refer to using the last nine 16 accumulation periods of the FAC as an example. Do you see 17 that, sir? 18 Α. I do. 19 Q. Now, does that include -- what accumulation 20 periods does that include? 21 Α. I believe it would include -- I'm not 22 following. That means the last nine accumulation periods. It's a time frame. I think it represents about three and 23 a half years. Well, there's a link for when the tariffs 24 began to -- in the first accumulation period. So it's a 25

		Page 791
1	less than three	years. I'm sorry. It's a little more
2	than three year	s, but not three and a half.
3	Q.	It's the first nine accumulation periods?
4	Α.	Correct.
5	Q.	So it does not include accumulation period
6	ten?	
7	Α.	That's correct.
8	Q.	Okay. Is it also correct that in
9	accumulation pe	riod ten the company actually got to keep a
10	certain amount	of 5 percent of the
11	Α.	We had a slight reduction. I mean, that's
12	happened since	this filing was made.
13	Q. 1	Right. That was my point I was trying to
14	get to. That h	appened after your filing here, so that's
15	not reflected i	n this testimony?
16	Α.	That's correct.
17	Q.	Okay. So the company got to keep a portion
18	of the accumula	tion period ten money, correct?
19	Α.	That's my understanding, yes.
20	Q	And if Staff's proposal in this case had
21	been in effect	in accumulation period ten, you would have
22	actually gotten	to keep three times as much money,
23	correct?	
24	Α.	That's right.
25	Q.	The argument then, the same page that you

Page 792 begin with the question on line 10 where you're talking 2 about your interpretation of the legislative intent --3 Α. Right. -- of the statute, you say that you do not 4 Q. 5 think that excluding prudently incurred costs was 6 contemplated by the legislation that established the FAC. 7 That argument would apply equally to the current 95/5 8 sharing mechanism, would it not, sir? 9 Α. Yes. 10 So you would be opposed to -- or you are Q. 11 opposed then to the mechanism that's been in place ever 12 since GMO received an FAC; is that correct? No, that's not correct. 13 Α. 14 Q. Although you admit that this argument would 15 apply with equal force to the FAC that has been in effect ever since GMO received an FAC? 16 17 Α. It could, yes. I think if you look at --That's good enough, sir. If -- if fuel 18 Q. prices go down, GMO actually would get to make money under 19 20 the sharing mechanism, correct? 21 Α. That's not necessarily true, no. 22 Q. If your fuel and purchased power costs net of off-system sales goes down, you get to keep -- you make 23 24 money?

Fax: 314.644.1334

That's not true.

Α.

25

Page 793

- 1 Q. That's not true either? So is it your
- 2 understanding that you get to keep -- I think you said you
- 3 get to keep -- or you kept money in fuel accumulation
- 4 period ten, correct?
- 5 A. That's right.
- 6 Q. So if -- that wasn't because prices went
- 7 down?
- 8 A. That is because prices went down below the
- 9 base, so it's -- everything is predicated on what the base
- 10 is set at.
- 11 Q. Okay. I agree with that. I apologize.
- 12 MR. KEEVIL: One other thing, your Honor.
- 13 I heard reference during Mr. Zobrist's opening statement
- 14 to an allegation that Staff had taken something out of
- 15 context in their testimony, and due to that, I would like
- 16 to ask the Commission to take official notice of the
- 17 portion of the transcript from Case No. EO-2011-0390,
- 18 which consists of the redirect examination of Mr. Fischer
- 19 of Mr. Blunk in that case, which is my understanding what
- 20 GMO has claimed Staff has taken out of context.
- Those would be pages, beginning on page 115
- 22 and continuing through page 137 of the volume 4 transcript
- 23 from June 5th, 2012 in Case E0-2011-0390. I have some
- 24 copies if you -- if you'd like copies or you can take
- 25 official notice, or however you want to handle it, that's

Page 794 1 up to you. 2 JUDGE JORDAN: If you have copies, yes, 3 that would be better to put them into the record. MR. KEEVIL: Now I have to figure out what 4 5 number we're on. 6 MS. KLIETHERMES: 397 would be where 7 Staff's last exhibit --MR. KEEVIL: We used 397? 8 9 MS. KLIETHERMES: No. 397 is the next exhibit. 10 MR. KEEVIL: I'm told if Public Counsel is 11 12 generous and allows us to steal some of their exhibit 13 numbers, 397 would be the number here, so --14 JUDGE JORDAN: Public Counsel has been 15 commendably generous in that regard. 16 MR. ZOBRIST: Judge, the company would not 17 have any objection as long as Staff's proffer includes all of Mr. Blunk's testimony, not simply a portion of it. 18 So -- so whatever Mr. Keevil puts in I don't have 19 objection to, as long as it's the complete transcript of 20 21 Mr. Blunk's testimony. 22 JUDGE JORDAN: Counsel, do you have any objection to the Commission noting the entire examination? 23 24 I understand your exhibit is limited to certain portions. 25 MR. KEEVIL: My exhibit here is limited to

Page 795 the redirect, but I don't have any objection to that. 2 they want to provide the remainder of it, that's up to 3 them. JUDGE JORDAN: I don't think we'd need a 4 5 hard copy of the remainder. 6 MR. ZOBRIST: All right. Judge, I just 7 want to be clear. We don't have any objection to the proffer, but as far as official notice, we would request 8 that the Commission take official notice of all of Mr. Blunk's testimony. 10 11 JUDGE JORDAN: Is there any objection to 12 any of this official notice? 13 MR. KEEVIL: I assume you're referring to this case, the EO-2011-0390? 14 15 MR. ZOBRIST: That's correct. 16 MR. KEEVIL: No objection. 17 JUDGE JORDAN: Not hearing objection to taking official notice, the Commission will take official 18 notice of that examination from that case. 19 (STAFF EXHIBIT NO. 397 WAS MARKED FOR 20 21 IDENTIFICATION.) JUDGE JORDAN: And, Counsel, you have given 22 me one extra, in case you run short. And while counsel is 23 24 distributing copies of that exhibit, I'll just explain my ruling on that, which is as to the entry of a copy when 25

ı	
	Page 796
1	something when the Commission's seeking official notice
2	or counsel has a demonstrative exhibit otherwise, my
3	preference is to mark them and enter them into the record
4	so that they can be easily referred to during briefing and
5	when the Commission reviews the record, because if it's
6	convenient to make an exhibit, it's certainly convenient
7	to look at when the Commission reviews the record.
8	MR. KEEVIL: That's all I have, Judge.
9	Thank you.
10	JUDGE JORDAN: Questions from the Bench?
11	No. Wait a minute. We're back to Mr. Coffman because he
12	asked to go last.
13	MR. COFFMAN: Thank you. I'll ask my
14	questions from here, if that's okay?
15	JUDGE JORDAN: That's fine.
16	CROSS-EXAMINATION BY MR. COFFMAN:
17	Q. Good morning, Mr. Rush.
18	A. Good morning.
19	Q. In your rebuttal testimony, you did
20	reference the law that authorizes the fuel adjustment
21	clause in Missouri and your opinion of that law. Have you
22	read the entire statute?
23	A. I have.

allows the Missouri Commission to approve, modify or

And do you recognize that the law also

Fax: 314.644.1334

Q.

24

25

Page 797 1 reject the fuel adjustment clause? 2 Α. I am aware of that. 3 Ο. And is it correct that GMO is supporting a 4 continuation of the current 95 percent/5 percent sharing 5 mechanism? 6 Α. I am aware of that. 7 And why that particular number? Q. 8 Α. I believe we were desirous of continuing the fuel adjustment clause and were accepting to -- we were agreeable to accept the current percent sharing in 10 our recommendation to continue it. We would think that in 11 12 order to modify that, that you should most likely look at 13 further evidence that would support a modification to it. 14 Q. And is it your opinion that the current 15 5 percent that the utility shares in this risk, that 16 that's sufficient incentive to efficiently procure fuel 17 and purchased power? 18 Well, one of the things that I did in the last case is I went out and did a survey, had a survey 19 performed of all of the utilities. 20 21 Excuse me. Could you just answer my 22 question yes or no --23 Α. I'm trying to answer the question. 24 Q. -- whether 5 percent is currently 25 sufficient?

	Page 798
1	JUDGE JORDAN: Counsel, I think the
2	microphone is not picking you up.
3	BY MR. COFFMAN:
4	Q. Sorry. Maybe just wasn't close enough. I
5	apologize for interrupting, but could you please answer
6	whether you believe that the current 5 percent sharing
7	that GMO now bears of this risk of fuel and purchased
8	power variability, if that is sufficient to encourage
9	efficient procurement practices?
10	A. I don't believe that the 95/5 is the proper
11	mechanism. That's a personal opinion.
12	Q. You would prefer that ratepayers bear
13	100 percent of the risk; is that correct?
14	A. I believe that, yes, I would agree with
15	that.
16	Q. And do you believe that the customers of
17	GMO have any control over fuel and purchased power
18	practices?
19	A. I think I would agree with you that they do
20	not.
21	Q. And does GMO have at least some control
22	over fuel and purchased power prices?
23	A. We have a tremendous amount of control over
24	fuel and purchased power prices.
25	Q. How many employees are currently with

		Page 799
1	currently emp	loyed by the utility to make fuel and
2	purchased pow	er procurement decisions?
3	Α.	I would hate to many, many.
4	Q.	More than ten?
5	Α.	Yes.
6		MR. COFFMAN: That's all that I have.
7	Thank you.	
8		JUDGE JORDAN: Thank you. Questions from
9	the Bench?	
10		COMMISSIONER JARRETT: Good morning
11	Mr. Rush.	
12		THE WITNESS: Good morning.
13		COMMISSIONER JARRETT: I don't have any
14	questions for	you this morning. Thank you for being here.
15		THE WITNESS: Thank you.
16		JUDGE JORDAN: I have no questions for you.
17	Redirect?	
18		COMMISSIONER KENNEY: Me either.
19		JUDGE JORDAN: Commissioner Kenney, I
20	didn't see yo	u. You're in the shadow.
21		COMMISSIONER KENNEY: Sorry. Mr. Rush,
22	good morning.	Thanks. No questions.
23		THE WITNESS: Good morning.
24		JUDGE JORDAN: Sorry about that. And thank
25	you for alert	ing us to that.

	Page 800
1	COMMISSIONER KENNEY: No problem.
2	JUDGE JORDAN: Thank you for alerting me to
3	that, Commissioner Jarrett. Redirect for Mr. Rush?
4	REDIRECT EXAMINATION BY MR. ZOBRIST:
5	Q. Mr. Rush, Mr. Coffman just asked you what
6	control GMO has over prices
7	A. That's right.
8	Q of electricity. What controls does GMO
9	have over prices of electricity?
10	A. Well, with regard to fuel, I'll take fuel
11	as an example. We could elect to not try and get the best
12	price for a product. We could just simply ignore those
13	pieces. And for purchased power we could just try to buy
14	the highest price if we wanted to. We are scrutinized by
15	the Commission in prudence reviews and evaluated in great
16	detail as far as did we do the best possible job in doing
17	that. Our role is to do the best possible job.
18	We could ignore all of the caveats, the
19	things we put in place to try to make sure we get the best
20	price for the consumer, and we would stand for that in a
21	prudence review. So the Commission really oversees to
22	make sure that we are doing the best possible job for
23	purchasing.
24	We over nine views, in fact, ten or over
25	a number of prudence reviews that we've had, three

	Page 801
1	prudence reviews the Commission Staff and the Commission
2	have found that we have been prudent on all of our actions
3	and we've essentially done the best job possible for the
4	consumer. That's a role we play.
5	Q. As far as wholesale prices themselves, can
6	GMO control the wholesale prices of electricity in the
7	marketplace?
8	A. We cannot control the price that's in the
9	market, but we have to try to do the best job we can to
10	acquire the best possible price at that time. We could
11	elect to ignore it, and that's my whole point is we have a
12	control, but there is a process in place to make sure that
13	we do the best job possible, much more stringent than
14	other things.
15	Q. So even though you don't control the price
16	of wholesale electricity, your procurement practices are
17	the subject of Commission oversight?
18	A. Absolutely.
19	Q. Now, Mr. Coffman asked you about the
20	weighting of the proper mechanism, 95/5
21	A. Right.
22	Q 100 percent, and you stated that you
23	would prefer to have 100 percent of the risks of fuel and
24	purchased power costs above base rates borne by the

Fax: 314.644.1334

customers. What's the basis of that 100 percent opinion

25

Page 802

### 1 that you expressed?

- 2 A. Well, in the last rate case, when the Staff
- 3 brought up the recommendation of the 25/75 sharing
- 4 mechanism, the company went out and had a survey done of
- 5 the utilities that surrounded Missouri, that were adjacent
- 6 to us that were in regulated states. That is, they had
- 7 not separated themselves to be what they call a
- 8 deregulated state.
- 9 So we looked at the utilities of what they
- 10 did. Essentially they all receive 100 percent recovery of
- 11 the fuel cost. And there are many of them that have
- 12 incentives, and all of the incentives dealt with keeping a
- 13 portion, for example, of off-system sales. They had a
- 14 base and they said if they can achieve off-system sales
- 15 greater than -- they can share in it. You know,
- 16 70 percent goes back to consumers, 30 percent kept by the
- 17 company.
- 18 And so we introduced that as an exhibit in
- 19 the last case that looked at all the various utilities in
- 20 the surrounding area. We're not aware of anything that
- 21 has changed since that point.
- 22 So when I talk about incentives, I look at
- 23 that you don't use a stick. You look at -- put a carrot
- 24 out there. You say, if you can accomplish something
- 25 bigger and better, then you should be rewarded. What we

Page 803 have today is we say if you do the best job possible, 2 we're going to take something away from you anyway. And 3 so when I was saying 100 percent, that's what I was basing it on is the history. I think that exhibit was -- it was 5 presented as an exhibit in the last rate case that said a survey of what's going on in the utility industry. 6 7 Mr. Rush, was that marked in the last GMO Q. 8 rate case, ER-2010-0356, as GMO Exhibit 51? Α. It was. MR. ZOBRIST: Judge, I would ask that GMO 10 Exhibit 51 in the last case be marked in this case as GMO 11 12 Exhibit 146 just to clarify for the record, and because the print here is virtually illegible, I have an enlarged 13 version that I'd like to have marked as Exhibit 146. 15 JUDGE JORDAN: So this enlarged version is 147? 16 17 MR. ZOBRIST: Yes, Judge, I'm sorry. (GMO EXHIBIT NOS. 146 AND 147 WERE MARKED 18 FOR IDENTIFICATION.) 19 MR. KEEVIL: Judge, I'm not clear exactly 20 21 whether Mr. Zobrist is asking that official notice be taken of this or -- or on what basis this is being 22 23 offered, but it seems to me that this is something that 24 should have been offered as prefiled testimony if -- if the company was planning to offer it, so I would -- I 25

Page 804

- 1 would object to this.
- 2 MR. ZOBRIST: Well, Judge, I offer it
- 3 independently, but I would also offer it as a matter of
- 4 which official notice could be taken as well since it was
- 5 admitted in the prior rate case as GMO Exhibit 51. And I
- 6 think it was prompted by the questions by Mr. Coffman, so
- 7 I think it's proper rebuttal.
- 8 MR. MILLS: And I would object in addition
- 9 to the basis that Mr. Keevil raised because it is improper
- 10 bolstering of direct testimony. But I also object to it
- 11 as beyond the scope of any cross-examination. This
- 12 witness tried to introduce the topic of what other states
- do, but no one asked him anything about what other states
- 14 do. So this is beyond the scope.
- JUDGE JORDAN: Mr. Coffman?
- 16 MR. COFFMAN: That was my point. I believe
- it was beyond the scope of my questions.
- 18 MR. ZOBRIST: Judge, if I may be heard?
- 19 The question was what was the basis of Mr. Rush's opinion
- that, although the company supported the 95/5 mechanism,
- 21 why did he believe that 100 percent being charged to
- 22 customers was appropriate, and he was simply supplementing
- 23 and documenting the basis for that belief.
- JUDGE JORDAN: Anything else on this
- 25 objection? I'm going to overrule the objection and admit

Page 805 these documents into the record. 2 (GMO EXHIBIT NOS. 146 AND 147 WERE RECEIVED 3 INTO EVIDENCE.) MR. ZOBRIST: Thank you, Judge. Just one 4 5 other comment -- or one other question. BY MR. ZOBRIST: 6 7 Mr. Rush, when Mr. Keevil was asking you Q. 8 questions about accumulation period ten, just to clarify for the Commission, what happened in accumulation period 10 ten that was different from the prior accumulations? 11 Α. The fuel costs for that period actually on 12 an average basis went below the base, and the way a fuel 13 adjustment clause works is you set a base level of fuel cost and purchased power net of off-system sales in the 14 15 rates, and, for example, let's just say it's 2 cents, and then you look at the fuel costs that occur in six-month 16 17 increments, and if the fuel cost in that six-month increment on a 12 -- there's some complexity to it, but 18 ultimately if it is above the 2 cents in your base, then 19 20 you get 95 percent of it. If it's below the base, you 21 get -- you give back 95 percent of that difference, and 22 that's what happened in this case, it was below. 23 Q. And what happened in all the previous accumulation periods? 24 25 In all the previous accumulation periods, Α.

Page 806 the number went above the base. It went above the, the 2 example I used of 2 cents. So a lot of the decision and 3 discretion that comes in to this is setting the base in this rate case so that you determine what is going 5 forward. 6 Now, if Staff's proposal in this case had Q. 7 been applied to all of the previous accumulation periods, 8 one through nine, not number ten but one through nine, what would have been the effect on the company? 10 MR. MILLS: I object. Calls for 11 speculation. There's any number of factors that would 12 have changed, and the whole point of changing the 13 incentive is that the company's behavior may have changed. So this witness cannot simply tell us what would have 14 15 happened had one particular factor changed --16 MR. ZOBRIST: Let me just limit it to --17 MR. MILLS: -- without speculating. 18 MR. ZOBRIST: Let me just limit it to one factor, Judge. 19 BY MR. ZOBRIST: 20 21 Excluding Staff's other recommendations, if 22 simply the 95/5 sharing mechanism had changed to 85/15, what would have been different? 23 24 MR. MILLS: And it's the same question. I 25 have the same objection. It calls for him to speculate

Page 807

- 1 about what would have happened in the past if you had
- 2 changed one particular factor. It does not take into
- 3 account the behaviors of the company that would have
- 4 changed. This witness can't possibly know, and for him to
- 5 speculate here would be improper.
- 6 MR. ZOBRIST: Judge, the dollars have been
- 7 fixed. I'm simply asking what would have happened to the
- 8 dollars that were the subject for accumulation periods one
- 9 through nine, that's all I'm asking about, if the formula
- 10 had been changed simply from 95/5 to 85/15.
- 11 MR. MILLS: If he's simply asking for the
- 12 mathematical equation to be applied without asking what
- 13 would have happened, then that's a different question and
- 14 I don't have the same objection.
- 15 JUDGE JORDAN: Would you like to rephrase
- 16 your question?
- 17 MR. ZOBRIST: That's what I'm trying to
- 18 ask, and apparently I'm doing a very poor job. I
- 19 appreciate Mr. Mills' assistance.
- 20 JUDGE JORDAN: For the clarity of the
- 21 record, can we have that question as amended?
- 22 BY MR. ZOBRIST:
- Q. Mr. Rush, if the only matter that had
- 24 changed for accumulation periods one through nine was the
- 25 mechanical formula from 95/5 to 85/15, what would have

Page 808

Fax: 314.644.1334

### 1 been the result?

- 2 A. On an earnings basis, there would be a
- 3 decrease in the return on equity of the company of
- 4 .5 percent. So, for example, if the company were making
- 5 6 percent return on equity, they would -- let's say they
- 6 were doing that in the actual basis, then they would only
- 7 make 5.5 percent return on equity. So there is a
- 8 degradation of return on equity as the ultimate result of
- 9 changing this if you looked at the last nine periods.
- 10 Q. And mathematically, is it fair to say that
- 11 whatever numbers were absorbed by the company, they would
- 12 be three times what was absorbed if the formula had
- 13 changed to **85/15?**
- 14 A. That is correct.
- 15 MR. ZOBRIST: That's all I have, Judge.
- 16 JUDGE JORDAN: Then that concludes the
- 17 examination of this witness at least for now. You may
- 18 stand down.
- 19 MR. KEEVIL: Judge, did you receive that
- one exhibit I offered, that 397?
- 21 JUDGE JORDAN: I believe I did, but let me
- 22 make the record clear and say that that will be entered
- 23 into the record.
- 24 (STAFF EXHIBIT NO. 397 WAS RECEIVED INTO
- 25 EVIDENCE.)

		Page 809
1		MR. KEEVIL: Thank you.
2		JUDGE JORDAN: No harm in double checking.
3	Next witness.	
4		MR. KEEVIL: Staff would call
5	Mr. Matthew J.	Barnes.
6		(Witness sworn.)
7	MATTHEW J. BAR	NES testified as follows:
8	DIRECT EXAMINA	TION BY MR. KEEVIL:
9	Q.	Sir, would you please state your name for
10	the record and	spell your last name.
11	Α.	Matthew J. Barnes, B-a-r-n-e-s.
12	Q.	By whom are you employed and in what
13	capacity?	
14	Α.	I'm employed by the Missouri Public Service
15	Commission.	
16	Q.	As a?
17	А.	As an Auditor 4.
18	Q.	Did you contribute to Staff's cost of
19	service report	and appendices which I believe have been
20	marked as Exhi	bits Staff Exhibits 258 through 263?
21	А.	Yes.
22	Q.	Do you have any corrections to your portion
23	of the Staff c	ost of service report?
24	Α.	Yes. On page 260, paragraph 5, and I'll
25	just read what	the paragraph should say. Clarify that the

Page 810

- only transmission costs that are included in GMO's FAC are
- 2 those that GMO incurs for purchased power, and insert to
- 3 serve native load, and insert transmission costs that are
- 4 necessary to make, and I go on to read, off-system sales,
- 5 and insert included in FERC Account 565.
- 6 Q. All right.
- 7 A. And then I've got another change on
- 8 page 278, under 9, transmission costs and revenues, and
- 9 I'll just go ahead and -- the change is in the first
- 10 sentence. I'll just go ahead and read what that should
- 11 say.
- 12 MR. ZOBRIST: I'm sorry. What line was
- 13 that?
- 14 THE WITNESS: Starts at line 25 on
- 15 page 278, and it should read, Staff recommends that GMO's
- 16 FAC, and strike out continue to, only include the
- 17 transmission costs GMO incurs that are necessary, and
- 18 insert to receive purchased power for it to serve --
- 19 strike out the word the -- let me start over.
- 20 Staff recommends that GMO's FAC only
- 21 include the transmission costs GMO incurs that are
- 22 necessary to receive purchased power for it to serve
- 23 native load, strike out requirements of its customers, and
- those that are necessary for it to make off-system sales,
- 25 and insert included in FERC Account 565, excluding the

	Page 811
1	transmission costs related to the GMO's Crossroads
2	generation station.
3	Q. All right. Any other corrections in the
4	cost of service report?
5	A. No.
6	Q. Did you also contribute to Staff's rate
7	design and class cost of service report
8	A. Yes.
9	Q which I believe has been marked as Staff
10	Exhibit 267?
11	A. Yes.
12	Q. Do you have any corrections to that your
13	portion of that?
14	A. I do. Just one. On page 32, line 5, it
15	should read, Staff recommends that GMO's FAC continue to
16	only include the transmission costs, and insert included
17	in FERC Account 565, insert that GMO incurs that are
18	necessary for it to serve the, insert native load
19	requirements of its customers and those that are necessary
20	for it to make off-system sales but excluding the
21	transmission costs related to GMO's Crossroads energy
22	station.
23	Q. All right.
24	A. And that's it.
25	Q. Okay. Did you also file rebuttal testimony

Page 812

- 1 which has been marked as Staff Exhibits 269 and 270 and
- 2 surrebuttal testimony which has been marked as Staff
- 3 Exhibit 290?
- 4 A. Yes.
- 5 Q. Do you have any corrections to either of
- 6 those?
- 7 A. I do not.
- 8 Q. With the corrections you have noted, if I
- 9 were to ask you the questions set forth in those exhibits,
- 10 would your answers be the same as set forth therein?
- 11 A. Yes.
- 12 Q. Are those answers true and correct to the
- 13 best of your information, knowledge and belief?
- 14 A. Yes, they are.
- 15 MR. KEEVIL: Judge, I have to ask you a
- 16 question now. Do I need to go over here and rummage
- 17 through the stack of testimony and give some to the court
- 18 reporter or has she received that previously, or how do
- 19 you wish to handle this? This is Mr. Barnes' only time
- 20 appearing.
- 21 JUDGE JORDAN: That's a good question. We
- 22 discussed some of that off the record, and the court
- 23 reporter does need to mark a copy. Now, as far as me
- 24 receiving the documents that are already prefiled, I have
- 25 asked not to have those for now. I intend to come up with

	Page 813
1	an order that will incorporate them by reference in EFIS.
2	MR. KEEVIL: So I do need to give her some
3	copies?
4	JUDGE JORDAN: Yes.
5	THE REPORTER: I believe Staff's exhibit
6	have already been marked. They're upstairs.
7	MR. KEEVIL: So you do not need the
8	exhibits?
9	THE REPORTER: No.
10	JUDGE JORDAN: That applies only to Staff,
11	correct?
12	THE REPORTER: Right.
13	JUDGE JORDAN: Everyone else will need to
14	do that. Sorry about that confusion.
15	MR. KEEVIL: Since this is Mr. Barnes' only
16	time appearing, I would go ahead and offer at least his
17	rebuttal and surrebuttal testimony, which I believe is
18	Exhibits 269, 270 and 290, the 269 and '70 being
19	nonproprietary and highly confidential rebuttal testimony.
20	As for the his contribution to the class cost of
21	service report, I suppose I could offer it, but I don't
22	guess you're receiving that until the very end is my
23	understanding, right?
24	JUDGE JORDAN: Right, because there are
25	multiple witnesses contributed to that. Are there any

Page 814 1 objections to those exhibits? 2 MR. ZOBRIST: Judge, the company does not 3 have an objection to Exhibits 269, 270, the rebuttal testimony, or the surrebuttal testimony in 290. 4 5 changes in the Staff report sound to us like a change in position rather than a correction. So I would object to 6 7 them as being corrections. I think it is a change in position. And certainly if Staff wishes to change its 8 position, it is free to do so, but I don't think it is 10 proper to call that a correction in that those are very 11 substantive changes from what I understand. 12 MR. KEEVIL: May I respond, your Honor? 13 JUDGE JORDAN: Please do. 14 MR. KEEVIL: They are not a change in 15 position. They're simply a clarification. And as support for that, I would direct everyone, if they're interested, 16 17 to the schedules attached to Mr. Barnes' surrebuttal testimony where he has exemplar FAC tariff sheets and the 18 transmission cost language specifically included. 19 His corrections which he made on the stand 20 21 are simply to clarify the body of his testimony and make that correspond to the -- make it clear that that 22 23 corresponds with the tariff language set forth in the tariffs which are attached to his surrebuttal. 24 25 MR. FISCHER: Judge, just to clarify our

Page 815

- 1 understanding a little bit, it's our understanding Staff
- 2 is now taking the position that transmission service
- 3 should not flow through the FAC. That was not apparent
- 4 from this witness' testimony earlier.
- 5 MR. KEEVIL: I don't understand even that
- 6 question or that response. What should be flowed through
- 7 the FAC in regard to transmission is as Mr. Barnes said in
- 8 his clarification and as I said in my opening statement
- 9 and, more importantly, as reflected in the surrebuttal
- 10 testimony of Mr. Barnes, Schedule MJB-1-3 to his
- 11 surrebuttal, transmission costs that are necessary to
- 12 receive purchased power to serve native load and
- 13 transmission costs that are necessary to make off-system
- 14 sales included in FERC Account No. 565 except for costs
- 15 related to the Crossroads energy center.
- 16 That's a direct quote from Schedule MJB-1-3
- 17 to the surrebuttal testimony. That's the transmission
- 18 costs we're saying should be flowed through the fuel
- 19 clause, that and nothing more. That's the clarification
- 20 that he made earlier from the stand.
- 21 JUDGE JORDAN: I'm going -- I'm ready to
- 22 make my ruling. I'm going to admit these exhibits into
- 23 evidence. If the company feels that this is a change in
- 24 position rather than mere correction, will the company --
- 25 the company will get cross-examination. Do you need

	Page 816
1	additional time to prepare for cross-examination?
2	MR. ZOBRIST: Actually, that issue is a
3	little beyond my kin right now. If what I understand
4	Mr. Keevil to be saying, it's the surrebuttal testimony
5	that is now predominating this issue as far as Staff. I
6	just don't understand why they need to go back and redo
7	the Staff report, but so that's why I just object to it
8	as a mere correction. It's not a correction. It's a
9	change and a different articulation of what Mr. Barnes
10	said when the Staff report was filed.
11	JUDGE JORDAN: I understand your argument.
12	Will you need extra time to prepare for cross-examination?
13	MR. ZOBRIST: No, Judge.
14	JUDGE JORDAN: Okay. Then those exhibits
15	are admitted into the record as corrected or changed.
16	(STAFF EXHIBIT NOS. 269, 270 AND 290 WERE
17	RECEIVED INTO EVIDENCE.)
18	MR. KEEVIL: With that, your Honor, I would
19	tender the witness for cross-examination on the fuel
20	adjustment clause issue.
21	JUDGE JORDAN: Cross-examination from
22	Dogwood?
23	MR. LUMLEY: No, Judge.
24	JUDGE JORDAN: AARP and Consumers Council?
25	MR. COFFMAN: No questions.

	Page 817
1	JUDGE JORDAN: I've been skipping
2	Mr. Woodsmall because he's been outside of the room.
3	MR. WOODSMALL: I've been back here.
4	JUDGE JORDAN: That's fine. Mr. Conrad?
5	MR. CONRAD: No. No questions, your Honor.
6	JUDGE JORDAN: Mr. Bartels?
7	MR. BARTELS: No questions, your Honor.
8	JUDGE JORDAN: Office of the Public
9	Counsel?
10	MR. MILLS: Just a few.
11	CROSS-EXAMINATION BY MR. MILLS:
12	Q. Mr. Barnes, have you participated in or
13	familiar with the prudence reviews done by the Public
14	Service Commission Staff on fuel adjustment clauses?
15	A. Yes.
16	Q. Okay. Is the purpose of those reviews to
17	determine whether or not the utility company, in this case
18	GMO, did the best possible job in terms of managing its
19	fuel and purchased power costs?
20	A. Yes.
21	Q. So your intent is to determine whether they
22	did the best possible job?
23	A. It's our intent to do a thorough review of
24	fuel and purchased power costs that flow through the FAC
25	and whether those are prudent decisions.

Page 818

- 1 Q. Okay. And how many decisions are made in
- 2 a -- in a review period by the company?
- 3 A. Numerous. Thousands of decisions.
- 4 Q. And does the Staff look at every single one
- 5 of those decisions?
- 6 A. We try to.
- 7 Q. And does the Staff have information on all
- 8 of the options that are available to the company at every
- 9 single one of those decision points?
- 10 A. Could you say that question again?
- 11 Q. You've said there are thousands of
- 12 decisions that are made, and --
- 13 A. Yes.
- 14 Q. -- my question is, do you know all of the
- options that are available to the utility, to GMO, at
- 16 every single one of those decision points?
- 17 A. I would say we don't know all of them. It
- 18 depends on what we ask for in data requests. I'm sure
- 19 there's probably some things we don't review, we just
- 20 don't catch it.
- 21 Q. Okay. So is it more accurate to say that
- 22 the purpose of review is to determine whether or not the
- 23 company acted prudently and not whether they achieved the
- 24 best possible outcome?
- 25 A. I would say it's a little bit of both.

Page 819

- 1 Prudent decisions, we definitely look at those, but we
- 2 also try to review the fuel and purchased power practices.
- 3 And again, we can't catch everything. We try. We get 180
- 4 days to do a review. To me, it's like a mini rate case.
- 5 So there's a lot of data to be reviewed, and I think we --
- 6 with the resources that we have, we try to do the best
- 7 review possible.
- 8 Q. I'm certainly not questioning that. I
- 9 understand that, and as the consumer representative, I
- 10 appreciate that. But my -- my question is, do you look at
- 11 enough data so that when a case is done, you can say that
- 12 there is no way that the company could have done better
- 13 than what they did during the review period?
- 14 A. Yes, I think we do.
- MR. MILLS: That's all I have.
- 16 JUDGE JORDAN: For the companies?
- 17 CROSS-EXAMINATION BY MR. ZOBRIST:
- 18 Q. Good morning, Mr. Barnes.
- 19 A. Good morning.
- 20 Q. Now, the sharing mechanism that Staff has
- 21 proposed in this case is to move from a 95/5 percent
- 22 sharing mechanism to an 85/15 percent sharing mechanism;
- 23 is that correct?
- A. That's correct.
- 25 Q. And am I correct that in the 2010 GMO rate

Page 820

- case, Staff's proposal to shift that mechanism to a
- 2 75/25 percent sharing formula was rejected; is that
- 3 correct?
- 4 A. I was not a witness in that case, but I
- 5 believe that's what Staff recommended, and the Commission
- 6 did reject that recommendation.
- 7 Q. And in the Staff report on page 70, one of
- 8 the reasons cited by Staff to shift the sharing mechanism
- 9 from 95/5 to 85/15 was what was referred to as the total
- 10 indifference of GMO in its fuel and purchased power
- 11 practices; is that correct?
- MR. KEEVIL: Page what?
- 13 MR. ZOBRIST: 274 -- I'm sorry. 270,
- 14 line 3.
- 15 BY MR. ZOBRIST:
- 16 Q. Is that correct, Mr. Barnes?
- 17 A. Yes.
- 18 Q. And the basis for that opinion by Staff was
- 19 Mr. Blunk's hearing testimony in the third prudence
- review, Case No. EO-2011-0390; is that correct?
- 21 A. Yes.
- 22 Q. And have you read the totality of
- 23 Mr. Blunk's testimony in that third prudence review case?
- A. Yes. It's been a while, but I have. I did
- 25 read it.

Page 821 1 Q. Do you recall that Mr. Blunk explained his 2 comments in the context of that case that related to 3 hedging practices by stating that the company had placed hedge purchases of spot market power by buying options to 4 5 purchase natural gas? 6 Yes, I believe that was his statement. Α. 7 And he stated his opinion this hedging was Q. 8 done for the benefit of the customer; is that correct? 9 Α. That's what he stated, I believe, yes. 10 And you quoted that portion of Mr. Blunk's Q. 11 testimony at page 73 of the Staff report on lines 30 and 12 31, correct? 13 Α. Page 273? 14 Q. 273 of the Staff report, lines 30 through 15 31. Mine starts at line 25 then goes on to the 16 Α. 17 next page. Right. And I'm quoting just lines 30 18 Q. 19 through 31, the sentence that says, quote, so all the 20 hedging is for the benefit of the customer, close quote. 21 Α. Yes. 22 Q. And that's what Mr. Blunk said? 23 Α. Yes. 24 Q. And am I correct that his reasoning was 25 that the money earned by GMO if the price of natural gas

Page 822

- 1 increased could be used to then offset the higher price of
- 2 electricity to customers?
- 3 A. I believe that's what he stated.
- 4 Q. And the Commission when it issued its
- 5 Report and Order on September 4, 2012 found that Staff had
- 6 failed to meet its burden of proof that GMO was imprudent
- 7 in its hedging practices; is that correct?
- 8 A. Yes.
- 9 Q. And it found that Staff had failed to prove
- 10 that GMO had engaged in any improper accounting practices,
- 11 correct?
- 12 A. Yes.
- 13 Q. And it found that Staff had failed to prove
- 14 that GMO had violated its fuel adjustment clause tariff,
- 15 correct?
- 16 A. Yes.
- 17 Q. And Staff's request that GMO issue a refund
- in the amount of \$14.9 million was rejected, correct?
- 19 A. That's correct.
- 20 Q. Now, the current incentive mechanism, I'm
- just focusing on the 95/5 and Staff's 85/15 proposal, does
- 22 not contain any standard or metric that would either
- 23 reward or punish GMO for either really good or really bad
- 24 procurement practices; isn't that true?
- 25 A. Well, they would be -- I wouldn't really

Page 823

- 1 call it a reward, but if the fuel and purchased power
- 2 costs are either above or below the base, they would
- 3 either get to keep 5 percent or the company would absorb
- 4 5 percent.
- 5 Q. So when the analysis is made, it's simply
- of the dollars; is that a fair statement?
- 7 A. Yes.
- 8 Q. So if it was a rising cost environment and
- 9 prices were going up over the country and GMO did a really
- 10 good job and kept them from going up as much as they could
- 11 have, their prudent procurement practices allowed for a
- 12 lesser increase, GMO would not be rewarded or receive
- any -- be able to keep or absorb less of any loss if the
- 14 prices went up?
- 15 A. Well, if they under-collected, that's what
- 16 you mean, then they would absorb the 5 percent.
- 17 Q. My question is, prices are going up.
- A. Uh-huh.
- 19 Q. And let's just say they went up by
- 20 \$10 million, and GMO's really good procurement practices
- 21 only allowed them to go up \$9 million. It doesn't get
- anything, it doesn't get to receive or keep anything by
- 23 virtue of those good prices -- good practices that kept
- 24 the prices from not going up as high as maybe other
- 25 utilities?

Page 824

- 1 A. Again, it would just depend on what the
- 2 base is set at and if -- assuming they under-collected,
- 3 they would absorb 5 percent.
- 4 Q. I'm trying to go for overcollection.
- 5 A. Okay.
- 6 Q. I apologize if I'm not being clear. We've
- 7 got an overcollection. So I guess I'm -- let me start
- 8 again.
- 9 Prices increase at a certain level across
- 10 the country, but GMO's got procurement practices that
- 11 prevent a lesser increase. What I'm saying is, do we just
- 12 compare the dollars or if GMO can demonstrate to Staff or
- 13 Staff determines that there were really good procurement
- 14 practices, all you do is apply the mechanical formula to
- 15 the dollars?
- 16 A. Yes.
- 17 Q. And Staff in its proposal is simply
- 18 suggesting that the sharing mechanism number should be
- 19 changed from 95/5 to 85/15?
- 20 A. That's true, yes.
- 21 Q. And Staff has not proposed to provide any
- 22 standards or metrics that would measure any procurement
- 23 practices per se?
- 24 A. I don't know. I don't think so.
- 25 Q. Okay. And it is true that under the fuel

Page 825

- 1 adjustment clause statute, Section 386.266.1, the parties
- 2 may include incentives to improve the efficiency and cost
- 3 effectiveness of a utility's fuel and purchased power
- 4 procurement activities; is that correct?
- 5 A. Yes.
- 6 Q. I want to show you a demonstrative evidence
- 7 here that I prepared and walk you through a couple of
- 8 examples.
- 9 (GMO EXHIBIT NO. 148 WAS MARKED FOR
- 10 **IDENTIFICATION.**)
- 11 MR. ZOBRIST: Judge, I've handed the
- 12 witness what has been marked as GMO Exhibit 148.
- 13 BY MR. ZOBRIST:
- Q. Do you have that before you, Mr. Barnes?
- 15 A. Yes.
- 16 Q. Let me explain what I'm trying to depict
- 17 here. In year one, let's say that the fuel and purchased
- 18 power costs in excess of base rates are \$10 million. Do
- 19 you see that at the top?
- 20 A. Yes.
- Q. And then year two assumes a \$9 million
- increase above rates. Do you see that?
- 23 A. Yes.
- Q. Now, under the current system, in year one,
- 25 customers would be responsible for 95 percent or

Page 826

- 1 \$9,500,000 and the company would be responsible for or
- 2 absorb \$500,000, correct?
- 3 A. In year one, yes.
- 4 Q. And then if we go down below year one,
- 5 under Staff's proposal, the dollars would shift to
- 6 85 percent borne by the customers and 15 percent absorbed
- 7 by the company, correct?
- 8 A. Yes.
- 9 Q. And so if in year one Staff's proposal were
- 10 accepted, GMO would absorb \$1 million more in fuel and
- 11 purchased power costs, correct?
- 12 A. In this example, yes.
- 13 Q. Now, if we move to year two, assuming there
- is a \$9 million increase in fuel costs above base rates,
- 15 if we continue the current 95/5 sharing system, the
- 16 customers would pay \$8,550,000 and the company would
- 17 absorb \$450,000, correct?
- 18 A. Yes.
- 19 Q. And then similarly below, if we move to
- 20 Staff's 85/15 sharing mechanism, customers would be
- 21 responsible for 7,765 -- sorry -- \$7,650,000 and the
- 22 balance of \$1,350,000 would be absorbed by GMO, correct?
- 23 A. Yes. The risk is shifting 15 percent,
- 24 right.
- 25 Q. And so under that scenario, GMO would

Page 827 absorb \$900,000 more in fuel costs, correct? 2 Α. Yes. 3 Ο. Now, the difference if we go to column 3 is 4 between year one and year two there's a million dollars 5 less in fuel and purchased power costs, correct? 6 Α. Yes. 7 Q. And under the current scenario, the 8 customers would pay \$950,000 less and the company would absorb \$50,000 less, correct? 10 Α. Yes. 11 And under Staff's 85/15 proposal, if we go Q. 12 down to those bottom two figures, customers would pay 13 \$850,000 less and GMO would absorb \$150,000, correct? 14 Assuming there's an under-collection, yes. Α. 15 So if we take that under-collection of Q. 16 \$150,000 under staff's proposal, the company is still 17 paying \$1,350,000 or absorbing that amount less the \$150,000, correct? 18 19 Yes. Α. 20 So although the company absorbs and pays Q. 21 less as it were \$150,000 under Staff's, it is still paying 22 \$1.2 million more because of the shift of the mechanism from 95/5 to 85/15? 23 Yes, that's true. 24 Α. 25 So even though you talk about the savings Q.

Page 828

- there, under this hypothetical of \$150,000, the shift in
- 2 the paradigm still has the utility paying more money,
- 3 correct?
- 4 A. In this example, yes.
- 5 Q. Now, let me ask you a few questions about
- 6 purchased power contracts, and I'm referring to your
- 7 rebuttal at pages 4 and 5. Do you recall that, sir?
- A. I have to ask, is this HC?
- 9 Q. I'm not -- just the rebuttal. I'm not
- 10 going to ask you about anything HC. I think -- I don't
- 11 have any questions concerning any dollar figures, but
- 12 generally Staff is critical of the company's purchased
- power contract practices at the present time; is that
- 14 correct?
- 15 A. Yes.
- 16 Q. And isn't it true, though, that in the past
- 17 12 months GMO customers have benefitted substantially
- 18 because of the decrease in the wholesale price of
- 19 **electricity?**
- 20 A. Prices have decreased, yes, in the last
- 21 accumulation period, the customers -- well, the fuel
- 22 adjustment rate decreased.
- Q. And would you agree that the substantial
- 24 decline of the price of wholesale electricity at least in
- 25 this part of the country is a result of the substantial

Page 829 decrease in the price of natural gas? 2 Α. Yes, I'd agree with that. 3 Q. And for accumulation period No. 10, Staff observed for the MPS rate base, and I believe this is 4 5 Staff report at page 267 in that box, there was a decrease in natural gas prices and in purchased power prices that 6 7 led to a decrease in the fuel adjustment rate; is that 8 true? 9 Α. Page 267? 10 Q. Yes, sir. Yes. 11 Α. 12 Now, on two portions of your rebuttal Q. 13 testimony on page 4, you make a reference to steel in the 14 ground; is that correct? 15 Α. Yes. 16 Q. And the quoted portion on page 4 is a 17 filing that Staff made in the company's integrated resource planning docket; is that correct? 18 19 Α. That's correct. 20 And that's No. EO-2012-0324? Q. 21 Α. Yes. 22 Q. Now, when you say steel in the ground, you 23 mean a plant, correct? 24 Α. Yes. 25 Okay. And what kind of plant should GMO Q.

Page 830

- 1 build?
- 2 A. I believe in their IRP, I think they plan a
- 3 combined cycle out in the future. I'm not sure what date.
- 4 But it just depends on when they would be building that
- 5 plant. It could be a CT. It could be another coal plant.
- 6 But I haven't made any recommendations as far as what type
- 7 of plant they should build.
- 8 Q. So Staff hasn't made a recommendation and
- 9 you personally didn't make a recommendation as to the
- 10 specific type of plant they should build?
- 11 A. No.
- 12 Q. And you didn't make a recommendation as to
- 13 the particular size of that plant if it is built?
- 14 A. No.
- 15 Q. And am I correct that Staff's
- 16 recommendation generally to put, quote, steel in the
- ground, close quote, is based on the belief that GMO was
- 18 relatively short on capacity versus Kansas City Power &
- 19 Light Company?
- 20 A. Yes.
- Q. Would you agree that these questions as far
- 22 as what kind of plant should be built, what type of fuel
- 23 it should burn, what size that plant should be are best
- 24 analyzed and answered in an IRP docket?
- 25 A. Typically that's where it's addressed at.

Page 831 1 Q. If you could turn, please, to the Staff 2 report at page 269. You discuss there the topic of net 3 income before taxes, or NIBT, correct? Α. Yes. 4 5 And you stated in the Staff report that Q. without a fuel adjustment clause, GMO would have lost 6 7 approximately 36.4 percent of its test year net income 8 before taxes due to under-collection of fuel and purchased power costs less off-system sales during accumulation 10 period two through accumulation period ten; is that 11 correct? 12 Α. Yes. 13 Q. And just for the record, accumulation 14 period two was from December 2007 through May 2008; is 15 that correct? Yes, I believe so. 16 Α. 17 Q. Accumulation period ten was from December 2011 through May 2012? 18 19 Yes. On page 265 I've got lists of the Α. 20 accumulation periods, case numbers and the time periods. 21 And the amount that was under-collected 22 over that four and one-half years was \$165 million, 23 correct? 24 Yes. Α.

And Staff found that that was a significant

Fax: 314.644.1334

Q.

25

Page 832

- 1 amount to GMO?
- 2 A. Yes.
- 3 Q. And Staff's proposal in this case is to
- 4 take the 5 percent that GMO absorbs now and to essentially
- 5 triple that so that the NIBT, the net income before taxes
- 6 would go from 1.8 percent of net income before taxes to
- 7 5.5 percent, correct?
- 8 A. Assuming there's under-collection, yes.
- 9 Q. Right. And as I'm saying, historically
- 10 looking at those nine full accumulation periods, that
- 11 would triple the amount that was recovered from or that
- 12 was absorbed by the company from \$8.3 million to nearly
- \$25 million, correct?
- 14 A. Yes. The shifting of risk is more on the
- 15 company now.
- 16 Q. And on page 272, you stated that the
- 17 average accumulation period amount over these nine periods
- 18 was \$919,000; is that correct?
- 19 A. Yes.
- Q. And under Staff's proposal, assuming it had
- 21 been implemented in these prior years, that number would
- 22 have been \$2.8 million?
- 23 A. Yes.
- 24 Q. And this shift would have occurred
- 25 regardless of any finding of mismanagement or imprudence

Page 833 by GMO, correct? 2 Α. Yes. 3 Q. Okay. Now, if I could have you turn to your surrebuttal, page 2. On line 20 you say that the FAC 4 5 is a privilege and not a right, correct? 6 Α. That's correct. 7 Now, the statutes does not contain the word Q. 8 privilege, does it? I don't know. It's been a while since I 9 Α. read this statute. I don't think so. 10 11 And the Commission's regulations don't Q. 12 refer to a fuel adjustment clause or a rate adjustment mechanism as a privilege, do they? 13 14 I don't know. Again, I'd have to go back 15 and look at that. I don't think so. 16 MR. ZOBRIST: That's all I have Judge. 17 Thank you. I move the admission of Exhibit 148. 18 JUDGE JORDAN: I'm not hearing any objection, so that document will be admitted into the 19

cross-examination. Questions from the Bench.

JUDGE JORDAN: That concludes

(GMO EXHIBIT NO. 148 WAS RECEIVED INTO

Fax: 314.644.1334

record.

EVIDENCE.)

Commissioner Kenney?

20

21

22

23

24

25

	Page 834
1	COMMISSIONER KENNEY: No questions. Thank
2	you, Mr. Barnes.
3	THE WITNESS: Thank you.
4	JUDGE JORDAN: Commissioner Jarrett?
5	COMMISSIONER JARRETT: Good morning,
6	Mr. Barnes. How are you doing?
7	THE WITNESS: Good, sir.
8	COMMISSIONER JARRETT: Thanks for your
9	testimony. I don't have any questions.
10	THE WITNESS: Thank you.
11	JUDGE JORDAN: I have no questions for you.
12	Redirect?
13	MR. KEEVIL: Very briefly, Judge.
14	REDIRECT EXAMINATION BY MR. KEEVIL:
15	Q. Mr. Barnes, toward the end of his
16	questioning Mr. Zobrist asked you about your surrebuttal
17	where you say the FAC is a privilege and not a right and
18	asked you if there was any indication in the statute or
19	the Commission rules that said it was a privilege. Do you
20	recall that?
21	A. Yes.
22	Q. Let's just turn that around a little bit
23	and say, to your knowledge, is there anything in there
24	that says it's a right of the company? Does the company
25	have a right to the fuel adjustment clause under either

Page 835

- 1 the statute or the rule?
- 2 A. I don't think it does.
- 3 Q. Now, Mr. Zobrist asked you some questions
- 4 about his Exhibit 148. Well, before I get to that, let
- 5 me -- he asked you some questions about fuel -- the
- 6 accumulation periods two through ten, some past periods
- 7 there. Is there any way to know what GMO's fuel and
- 8 purchased power expenses would have been in past periods
- 9 if their sharing level, the sharing mechanism had been
- 10 different?
- 11 A. No, there's no way that I'd be able to tell
- 12 that.
- 13 Q. And, in fact, that is part of Staff's
- 14 point, is it not, that the incentive would have been
- different, so, therefore, there's no way anyone could tell
- 16 what their fuel and purchased power costs would have been
- 17 had the sharing mechanism been different, correct?
- 18 A. Yes.
- 19 Q. Now let me go back to Mr. Zobrist's
- 20 Exhibit 148. Now, let's -- let's assume that those
- 21 10 million and \$9 million figures in year one and year two
- 22 on his exhibit had been decreases in fuel cost instead of
- 23 increases in fuel cost. How would -- how would that
- 24 affect the outcome here that's shown on Mr. Zobrist's
- 25 Exhibit 148?

	Page 836
1	A. Well, this current sharing mechanism they
2	would get to keep 5 percent, assuming you're asking about
3	an over-collection, just like accumulation period ten was.
4	If you shifted Staff's 85/15, it would get to keep
5	15 percent of any over-collection, and the customers would
6	receive 85.
7	Q. So the company would keep column one there,
8	the 500,000 or the 1.5 million down there under Staff's
9	proposal
10	A. Yes.
11	Q in year one? And likewise in column
12	two, they would keep the 450 or the 1.35?
13	A. That's correct.
14	Q. Mr. Zobrist also asked you questions
15	regarding Staff's position on GMO's capacity relevant to
16	KCPL, and I think the question was, is it your position
17	that GMO's short on capacity relative to KCPL, and your
18	answer I believe was yes. But my question for you is, is
19	it is GMO short on capacity period or it's not just
20	relevant to KCPL, is it?
21	A. No. It's not just relevant to KCPL.
22	Q. So they're short capacity?
23	A. That's correct.
24	Q. Mr. Zobrist also asked you if GMO had
25	really good procurement practices that led to a less of a

Page 837

- 1 price increase than the market price increase, what would
- 2 happen or whether there were any rewards, I think was his
- 3 term, for GMO in such a situation. Do you recall
- 4 generally that line?
- 5 A. Yes.
- 6 Q. Would you agree that GMO would be rewarded
- 7 under Staff's proposal by being allowed to recover
- 8 85 percent of its costs?
- 9 A. Yes.
- 10 Q. Would -- and in the situation Mr. Zobrist
- 11 was using where I believe in his example market prices
- 12 went up \$10 million but GMO prices only went up 9 million
- or so, to the extent that GMO really did have such grand
- 14 procurement practices, is it true that because they,
- quote, unquote, saved a million dollars, they would absorb
- less under either of these proposals?
- 17 A. Yeah, I think that's true.
- 18 Q. I believe he also asked you if Staff has
- 19 proposed any metrics to measure procurement practices. Do
- 20 you recall that?
- 21 A. Yes.
- 22 Q. Are you aware -- your answer was no, Staff
- 23 has not; is that correct?
- A. That's correct.
- 25 Q. Has the company, to your knowledge, in this

Page 838

- 1 case proposed any metrics to measure procurement
- 2 practices?
- A. Not that I'm aware of.
- 4 MR. KEEVIL: That's all I have, Judge.
- 5 Thank you.
- 6 JUDGE JORDAN: That concludes redirect.
- 7 You may stand down.
- 8 That's everything I see scheduled on the
- 9 issue of the fuel adjustment clause. This looks like a
- 10 good time for a break. Do the parties have a preference
- 11 as to whether we make that a ten-minute break or whether
- 12 we make that a lunch break? Any preference?
- Not seeing any preference, so let's just
- 14 take a ten-minute break. Also had another question for
- 15 the parties as far as the order of issues today. We had
- 16 talked about earlier we had planned to have Crossroads as
- 17 the last issue today, but the parties have asked to defer
- 18 the rate design and class cost of service issues. Which
- 19 of those will come first? Which of those -- which of
- 20 those will come before the other?
- 21 MR. MILLS: Judge, I don't believe that the
- 22 stipulations that the -- some of the parties were talking
- 23 about this morning have been filed yet, and I have not
- 24 seen them. So I don't know where that leaves us, but I --
- 25 it may argue for doing Crossroads next and waiting to see

Page 839

- 1 what the stipulations look like before we go on with that
- 2 issue.
- 3 MR. FISCHER: That's acceptable to the
- 4 company.
- 5 JUDGE JORDAN: Okay. So right now we're
- 6 thinking Crossroads, then conclude with rate design and
- 7 class cost of service?
- 8 MR. WILLIAMS: Judge, my suggestion would
- 9 be that the parties discuss that amongst themselves and
- 10 let you know.
- 11 JUDGE JORDAN: That's fine. That's fine.
- 12 I don't need an answer right away because we will be
- 13 taking up MEEIA issues before we do either of those and we
- 14 have three witnesses for that. In addition, just so that
- 15 everybody knows, those who have not been able to check
- 16 EFIS yet, we have had a filing that is titled as follows:
- 17 Nonunanimous Stipulation & Agreement Regarding Praxair
- 18 Inc., Ag Processing, Inc. Cooperative and the Midwest
- 19 Energy Users Associations' Objection and Withdrawal of
- 20 Objection and Request for a Hearing. And I think that's a
- 21 withdrawal of the objection and a withdrawal of the
- 22 request for hearing. So I wanted to let you know about
- 23 that. I think the name says it all.
- 24 And on that, we will -- unless there's
- 25 anything else, we will take --

	Page 840
1	MR. FISCHER: Judge, could I just ask a
2	question about your comment about MEEIA? Were you
3	expecting MEEIA to come next before Crossroads?
4	JUDGE JORDAN: The order that I think we're
5	talking about now is MEEIA next and then either Crossroads
6	or the rate design and class cost of service issues. Am I
7	correct in that?
8	MR. FISCHER: I might suggest that MEEIA go
9	later at the end. I thought it was going to come at the
10	very end of the day.
11	JUDGE JORDAN: I don't think we can do
12	everything last.
13	MR. FISCHER: We've been trying throughout
14	this case. We're at your disposal. I just wanted to
15	clarify it.
16	JUDGE JORDAN: Okay. Why don't during
17	this why don't we make this a 15-minute break, and we
18	can take more if you need it, and the parties can discuss
19	what order they want the remaining issues to come in, and
20	we'll talk about that when we go back on the record.
21	Anything else before we take our now 15-minute break?
22	MR. KEEVIL: Judge, just to clarify, you
23	did receive Mr. Barnes' rebuttal and surrebuttal
24	testimony, correct?
25	JUDGE JORDAN: I thought I did, but double

	Page 84
1	checking, as I mentioned earlier, is a good idea. Those
2	exhibits are admitted into the record.
3	Anything else before we take our break for
4	15 minutes? Hearing nothing else, we will go off the
5	record and have an intermission of 15 minutes.
6	(A BREAK WAS TAKEN.)
7	JUDGE JORDAN: We're back on the record
8	just to note that we are taking a lunch break. The
9	parties have asked to break 90 minutes so that they may
10	continue discussions. When we come back, we will be
11	taking up the Crossroads issues. So our breaks begins
12	90 minutes from now.
13	(A BREAK WAS TAKEN.)
14	JUDGE JORDAN: Good afternoon, everyone,
15	and welcome back. I understand that the parties have
16	engaged in some discussions while we were off the record,
17	and I will ask Staff counsel, any Staff counsel, to
18	explain what we're planning to do this afternoon.
19	MR. WILLIAMS: Judge, Staff anticipates
20	that we'll take up the Crossroads issues first. There are
21	some Stipulation & Agreements in the works regarding class
22	cost of service and rate design in both cases, and there
23	is also a Stipulation & Agreement in the process for the
24	MEEIA issues.
25	It's my understanding that the class cost

		Page 842

- of service rate design Stipulation & Agreements will not
- 2 resolve all of the issues. It is my understanding it will
- 3 in one of the two cases, I believe the GMO case. But in
- 4 any event, we would anticipate that the class cost of
- 5 service rate design would follow Crossroads and then MEEIA
- 6 thereafter.
- JUDGE JORDAN: Thank you. Anything to add
- 8 or subtract from that from anyone.
- 9 MS. KLIETHERMES: Clarification. I believe
- 10 Mr. Williams stated that it would resolve all of the
- 11 issues in GMO. It doesn't quite resolve all of the issues
- 12 in GMO, but we don't anticipate that the GMO settlement
- 13 will be opposed, while we do anticipate that the KCPL
- 14 settlement will be opposed.
- JUDGE JORDAN: Thank you for that
- 16 clarification. Is there anything else before we resume
- 17 the taking of evidence and opening statements? Okay. I'm
- 18 not seeing anything.
- 19 Our first issue this afternoon, then, will
- 20 be Crossroads, and we will begin by taking an opening
- 21 statement from the applicant utilities.
- 22 MR. HATFIELD: Thank you Judge. Good
- 23 afternoon, Commissioner Jarrett. My name is Chuck
- 24 Hatfield. I haven't had the opportunity to appear yet in
- 25 this case, so appreciate the opportunity to be with you

Page 843 1 today. 2 The parties have filed position statements 3 on the Crossroads issue, which is a GMO issue. As the Commission will recall from the last rate case, Crossroads 4 5 involves a plant that is located in Mississippi, which is a pervasive issue in the case. 6 7 We think there are three issues. The first issue is what amount of deferred income taxes should be 8 credited to ratepayers. The second issue is, are the transmission costs incurred to bring electricity from the 10 plant in Mississippi to the Missouri service area 11 12 recoverable in the rate base? And the third issue is, 13 what value should be used for the Crossroads plant itself when setting rates. 14 15 Now, on the first issue of deferred taxes, Staff and the company basically agree on the deferred 16 17 taxes issue. The main issue that I think the Commission will need to grapple with is if you do change the value 18 assigned to the plant, the company's position is that you 19 20 need to change the deferred taxes assigned to the plant, 21 and this is covered in the testimony of Melissa Hardesty. Essentially Staff, I think, concurs in that position. 22 If you don't change the value, the book 23 value that the company has used in its case, then the 24 amount of deferred taxes has been calculated using 25

	Page 844
1	generally accepted accounting principles, and that value
2	should be followed. The deferred taxes is frankly that
3	simple.
4	On the transmission cost, you already heard
5	testimony from Mr. Blunk about the cost of gas and the
6	cost to transmit the electricity from Mississippi into the
7	GMO service territory. There is no dispute that GMO
8	actually incurred these transmission costs. The Staff
9	disputes the transmission costs because they say a
10	Missouri utility would not have built a plant in
11	Mississippi, and that's in Mr. Featherstone's testimony.
12	But the testimony you've already heard from
13	Mr. Blunk and we're not going to need to hear from him
14	again. He was taken out of order establishes that the
15	ratepayers save money because the plant is in Mississippi
16	where the gas is, to put it colloquially.
17	It's no different than the reason Apple
18	Computer manufactures iPhones and iPads in China. The
19	transportation costs would be less if those were
20	manufactured in the United States, but the production cost
21	is cheaper in China.
22	The production cost for the electricity is
23	cheaper in Mississippi. It has to be brought into the GMO
24	service area. So the testimony discusses that and talks
25	about the fact that having it there saves the ratepayers

Page 845 money when the transmission costs are factored in. 1 2 The transmission costs are, of course, as a 3 matter of law presumed to be prudent, and we not believe Staff has raised a serious doubt, and they certainly 4 5 haven't carried any burden if they have. Moreover, these transmission costs have been FERC approved. Therefore, 6 7 there is an issue with the transmission costs and whether 8 this Commission could address those given that they're FERC approved. I think that issue will be relatively straightforward and has mainly already been covered. 10 As to value, the company has included the 11 12 book value of Crossroads in its case. This is the amount 13 that the company paid for Crossroads according to a PricewaterhouseCoopers valuation and according to final 14 15 filings with the Securities and Exchange Commission when Great Plains acquired Aquila, and that's also the rate 16 17 that was paid according to Generally Accepted Accounting Principles. 18 19 Further support for the valuation that is in the company's case comes from the fact that in 2007 GMO 20 21 put out an RFP and asked for responses for electricity. 22 Aquila, Inc., at the time not owned by Great Plains, which was the nonregulated side, responded to the RFP, as did 23 24 others. This is all discussed in the testimony. There's 25 actually a PowerPoint attached as a schedule to

Page 846

- 1 Mr. Crawford's testimony about that RFP.
- In response to that RFP, then Aquila, Inc.
- 3 bid a sale of the Crossroads plant at book value. That
- 4 was the lowest cost that was bid. Of all of the options
- 5 that were bid, the fair market for that electricity, if
- 6 you will, was the book value of the plant. It was the
- 7 lowest cost that a willing seller was willing to offer to
- 8 a willing buyer, which is the definition of fair market
- 9 value.
- 10 Staff was the only party that filed
- 11 testimony on the valuation of Crossroads, and they asked
- 12 the Commission to follow a previous order that was passed
- 13 that -- I'm sorry -- in the last case that you used the
- 14 value of two other facilities, Racoon and Goose Creek.
- 15 But the evidence pretty clearly establishes, and we'll
- 16 discuss it, that these are not apples to apples
- 17 comparisons.
- 18 And I've tried to think of a good analogy
- 19 for this, and I -- here's the one that I bring to you, as
- 20 silly as it might be. My brother-in-law lives outside of
- 21 Excelsior Springs, Missouri, and he has about a 2,800
- 22 square foot house, three bedroom, nice place. Probably go
- 23 for 150,000, \$180,000 here in Jefferson City. Has no
- 24 running water. They haul water in, potable water in a big
- 25 tank and put it in a cistern. So what's the value of that

Page 847

- 1 house without running water?
- 2 And that's the company's point as it
- 3 relates to these comparisons that were done by the Staff
- 4 and that were used by the Commission in the last case.
- 5 The facilities that are being compared had no transmission
- 6 into the GMO territory and have to have gas transported to
- 7 them. Those costs have to be factored in in order to look
- 8 at a comparison. If you were going to compare a house
- 9 with no water to a house with running water, you would
- 10 factor in the house to -- sorry -- the cost to get the
- 11 water there in order to get an apples to apples
- 12 comparison.
- 13 And that's really the company's point in
- 14 terms of the valuation and why the valuation in the last
- 15 case, which Staff points out relied on those facilities,
- 16 was not correct.
- Now, as I've hinted, we're aware that the
- 18 Commission ruled against the company in a prior case on
- 19 some of these issues. We believe the evidence is
- 20 different in this case. We also believe that when the
- 21 company considers all the evidence, you will see that the
- 22 transmission that brings the facility -- brings the power
- 23 from Mississippi brings the ratepayers the lowest cost and
- 24 the most reliable service when the plant is valued at book
- 25 value, which is the fair market value, and which is the

	Page 848
1	value that the company has put forth in its case.
2	Thank you.
3	JUDGE JORDAN: Thank you. Opening
4	statement from the Staff.
5	MR. WILLIAMS: Thank you, Judge. May it
6	please the Commission? My name is Nathan Williams, and
7	I'm here representing the Staff.
8	Staff anticipates the evidence in this case
9	will show the following: KCPL Greater Missouri Operations
10	Company, GMO, is Aquila. When Great Plains Energy
11	acquired Aquila and its affiliates, it not only got
12	assets, but it also got problems. Among those problems
13	were Aquila's over-reliance on purchased power agreements
14	and its affiliate's 300 megawatt Crossroads merchant plant
15	located near Clarksdale, Mississippi, the plant in
16	question here.
17	For over a decade Staff repeatedly and
18	consistently challenged Aquila's reliance on purchased
19	power agreements to meet its capacity and energy needs,
20	and for over half a decade Staff based its determination
21	of Aquila's revenue requirement for its MPS rate district
22	on imputed combustion turbines.
23	After Great Plains Energy acquired Aquila
24	in 2008 and renamed it GMO, Staff imputed combustion
25	turbines to GMO again in its last two general electric

Page 849 rate cases, Case Nos. ER-2009-0090 and ER-2010-0356. 1 2 Aquila's own analysis concluded in 2004 3 that its lowest cost option for replacing the 500 megawatts of capacity it was getting from Aries through a 4 5 five-year purchased power agreement that would end in the 6 summer of 2005 was to construct five 105 megawatt 7 combustion turbines. Not until Case No. ER-2010-0356 did 8 Aquila GMO ever propose that Crossroads, which one of its unregulated merchant affiliates built in 2002, be included 9 10 in its rate base. In that case in 2011 the Commission rejected Staff's capacity and energy costs for GMO based 11 12 on imputed combustion turbines and relied on Crossroads 13 instead. 14 But while the Commission found GMO's 15 decision to include Crossroads in rate base to be prudent, the Commission stated in its Report & Order as clarified 16 17 and modified that, in light of the fact that GMO acquired Crossroads from an affiliate, the Commission first value 18 Crossroads at \$61.8 million as of July 14, 2008, determine 19 the accumulated deferred income tax reserve associated 20 21 with Crossroads to be \$15 million because the affiliate was unprofitable and could not realize the benefit of a 22 depreciation deduction but for its affiliation with GMO. 23 24 Great Plains Energy considered the deferred tax reserve impact when valuing Aquila when acquiring it, and the 25

Page 850 Commission's \$61.8 million valuation was generous. 1 2 And the Commission denied GMO recovery of 3 any transmission expense because, quote, it is not just and reasonable for GMO customers to pay the excessive cost 4 5 of transmission from Mississippi, close quote. 6 Those can be found in the Commission's 7 Report and Order in ER-2100 -- 2011-0356 at pages 96 in 8 particular regarding the valuation of Crossroads and again on page 99, and on page 96 regarding the transmission 10 expense denial in its findings of fact and on page 99 regarding its conclusions. 11 12 In the case where the Commission authorized 13 Great Plains Energy to acquire Aquila, Case No. EM-2007-0374, GMO requested that the Commission authorize 14 15 it to recover in rates all of its actual debt costs, a request it later withdrew because of prior commitments to 16 17 insulate ratepayers from its non-investment-grade credit rating caused by non-regulated activities. 18 19 Much like that request, in this case GMO is 20 asking you to insulate it from its prior bad decisions by 21 reconsidering your decision in its last general electric rate case for the value of Crossroads in its rate base, 22 the amount of accumulated deferred income tax reserve for 23 24 Crossroads, and not allowing it to recover any transmission expense for electricity from Crossroads. 25

	Page 85
1	The facts that you will hear in this case
2	regarding Crossroads will differ a little from those in
3	its last rate case you decided just last year, except that
4	Staff is not now challenging the prudence of Crossroads
5	being included in GMO's rate base.
6	Therefore, Staff asks that you take
7	official notice of both the May 4th, 2011 Report and
8	Order, in particular pages 77 to 100, and your May 27th,
9	2011 Order of Clarification and Modification in Case
10	No. ER-2010-0356.
11	Staff urges you to carefully consider the
12	evidence in this case and then find again and affirm that:
13	The value of Crossroads for purposes of setting rates in
14	the MPS rate district is \$61.8 million as of July 14,
15	2008; the appropriate accumulated deferred income tax
16	reserve amount for Crossroads should be tied to the value
17	of Crossroads; and because it is located near Clarksdale,
18	Mississippi, over 500 miles from GMO's retail customers,
19	GMO should recover no transmission expense associated with
20	crossroads directly or through its fuel adjustment clause.
21	If you decide to reconsider the decisions
22	you just made last year about Crossroads, Staff urges you
23	to focus on GMO's and Great Plains Energy's May 2007 joint
24	proxy statement where they value Crossroads at
25	\$51.6 million and question GMO's witnesses for how GMO

	Page 852
1	values a generating station for ratepayers at \$117 million
2	as of July 14, 2008 when GMO and Great Plains Energy
3	determined it was worth only 51.6 million in May of 2007.
4	Staff also urges you to question GMO's
5	witnesses about why Great Plains Energy would pay full
6	value for Crossroads when in 2005 Aquila was unable to
7	find anyone who would make a final bid for Crossroads
8	after it contacted 79 other entities for their interest in
9	Goose Creek, Racoon Creek and Crossroads. Ameren bought
10	both Goose Creek and Racoon Creek but not Crossroads.
11	Further, Staff urges the Commission to
12	question witnesses in this case to fully understand the
13	rationales for the amount of the accumulated deferred
14	income taxes generated by Crossroads that they assert
15	should be used to offset the rate base value for
16	Crossroads.
17	Finally, if you're contemplating allowing
18	any transmission expense for Crossroads, Staff urges you
19	to explore with the witnesses why GMO should be allowed
20	transmission expense for a generating facility located in
21	Mississippi when it could have built one in or relocated
22	Crossroads to its service territory in Missouri.
23	If ultimately you decide to include some
24	amount of transmission expense in GMO's revenue
25	requirement for its MPS rate district, then Staff urges

	Page 853
1	you to revisit your valuation of Crossroads to further
2	discount it since the value of Crossroads is lessened by
3	the amount of associated transmission expense.
4	Even aside from the inverse relationship
5	between combustion turbine value and associated
6	transmission expense, there will be other evidence in the
7	record of this case to support lower combustion turbine
8	values for Crossroads. Evidence such as the values of
9	turbines Aquila sold to entities in Nebraska and Colorado
10	and the \$51.6 million Great Plains Energy and Aquila
11	disclosed to investors in their May and August 2007 joint
12	proxy statements filed with the SEC. Staff's witnesses on
13	these issues are Cary Featherstone and Lena Mantle.
14	In response to something Mr. Hatfield said
15	about looking at the transmission of Goose Creek and
16	Racoon Creek back to GMO, that would be the inappropriate
17	transmission expense to be looking at if you're comparing
18	transmission expense and coming with regard to the
19	value that UE paid for those combustion turbines. The
20	proper transmission expense would be that that UE would
21	incur.
22	Thank you for your attention to these
23	important issues in this case.
24	JUDGE JORDAN: You asked that we take
25	official notice of items that you specified. Unless

Page 854

- 1 there's an objection, I will go ahead and rule on that.
- 2 Not hearing an objection, the Commission will take
- 3 official notice of those items.
- 4 MR. WILLIAMS: Thank you.
- 5 JUDGE JORDAN: Office of the Public
- 6 Counsel.
- 7 MR. MILLS: Just very, very briefly, Judge.
- 8 The Commission got this issue right in the last case, and
- 9 Public Counsel urges you to make the same decision in this
- 10 case. There's no need to revisit it. Thank you.
- JUDGE JORDAN: Thank you for being true to
- 12 your word on brevity. Opening statement from the Missouri
- 13 Industrial Energy Consumers? Mr. Conrad, any opening
- 14 statement for your client?
- 15 MR. CONRAD: No, thank you. Waive.
- JUDGE JORDAN: Mr. Woodsmall?
- 17 MR. WOODSMALL: Thank you, your Honor. I
- 18 have an exhibit to mark. I believe we may be up to 412.
- 19 (MECG EXHIBIT NO. 412 WAS MARKED FOR
- 20 IDENTIFICATION.)
- 21 MR. WOODSMALL: Thank you. Good afternoon.
- 22 I'm here today to discuss GMO's Crossroads unit. By way
- 23 of background, the Crossroads unit is located in
- 24 Clarksdale, Mississippi. It is over 525 miles away from
- 25 GMO, the GMO service area, and was constructed by Aquila's

Page 855

- 1 deregulated operation.
- 2 You may ask yourself, why are we talking
- 3 about a unit in Mississippi? Why are we talking about a
- 4 unit that was developed by Aquila Merchant, a deregulated
- 5 affiliate? The only reason that we are talking about
- 6 Crossroads is because Great Plains Energy couldn't sell
- 7 this unit to anyone else. They tried. They tried
- 8 repeatedly. As Mr. Featherstone has said in testimony,
- 9 and like he will tell you today, Aguila and Great Plains
- 10 couldn't find anyone to even bid on this plant.
- 11 So if you are Great Plains, what do you do
- 12 with this lemon? You take advantage of your regulated
- 13 customers and you dump it on them. Instead of building
- 14 GMO its own plant in Missouri like it needs, Great Plains
- 15 simply wants to take the plant that no one else wants and
- 16 dump it on those customers.
- 17 So why are we talking about this unit in
- 18 Mississippi? I'm talking about it because I need the
- 19 Commission to protect the GMO customers. I need the
- 20 Commission to tell Great Plains that its customers deserve
- 21 more than a ragged hand-me-down unit from its deregulated
- 22 operations. I need the Commission to do what it already
- 23 did in the unanimous Report and Order last spring, tell
- 24 GMO no.
- 25 Let me go through the points that I want to

	Page 856
1	discuss today. First I'm going to provide you a
2	background on Crossroads, including where it is located,
3	how far it is from the MPS service area, when it was built
4	and by whom.
5	Second, I'll discuss MPS's historic need
6	for capacity and Aquila's repeated refusal to build a unit
7	for those MPS customers. Third, I'll address specifically
8	what the Commission is being asked to address here today.
9	I'll discuss the relevant case law as well as Missouri
10	statutes and Commission rules.
11	Fourth, because the issues to be addressed
12	in this case are exactly the same as those addressed in
13	the last case, I will discuss the Commission's decision
14	from that case. You will hear me mention the Commission
15	utilized the sale of identical combustion turbines from
16	Aquila Merchant to Union Electric as a surrogate for the
17	fair market value of Crossroads. I will also point out
18	that the Commission recognized all deferred taxes as an
19	offset to rate base in this case. And because Crossroads
20	is not located in the same RTO like the UE purchase was,
21	the Commission disallowed all costs to transmit that
22	energy to Missouri.
23	Fifth, I will start discussing the exact
24	issues in this case. I will begin by talking about the

Fax: 314.644.1334

parties' positions on how to value Crossroads. You will

25

Page 857

- 1 hear me mention that Great Plains admitted to a fair
- 2 market value in an SEC filing made just a year before it
- 3 transferred Crossroads to the MPS regulated operations.
- 4 Sixth, I will address accumulated deferred
- 5 income taxes. Recognizing the due diligence undertaken by
- 6 Great Plains when it bought Aquila, the Commission
- 7 previously found that all deferred taxes should be
- 8 recognized as a reduction in rate base.
- 9 Seventh, I will address the transmission
- 10 costs associated with bringing energy from Mississippi to
- 11 Missouri. I will talk about the logic underlying the
- 12 Commission's decision to disallow all these costs.
- So let's get started. First thing I wanted
- 14 to talk about was some background on Crossroads.
- 15 Crossroads is a generating facility consisting of four
- 16 75-megawatt natural gas-fired combustion turbines. Given
- 17 the efficiencies of this unit, it is operated as a peaking
- 18 facility. That means that Crossroads is only occasionally
- 19 called upon to provide energy.
- 20 Crossroads was constructed in 2002 by
- 21 Aquila Merchant, a deregulated energy marketer.
- 22 Crossroads was constructed just as the deregulated energy
- 23 market was collapsing with the bankruptcy of Enron. It's
- 24 located in Clarksdale, Mississippi, and is over 500 miles
- 25 from the Missouri service area.

	Page 858
1	Relevant to the issue of transmission
2	expense, Crossroads is located approximately 200 miles
3	from the nearest Southwest Power Pool point. And here you
4	can see a map. You can see the GMO service area here,
5	Crossroads down here. 500 miles to get that energy from
6	Crossroads' unit to GMO.
7	Just so you have an understanding, here's a
8	simple graph of the Aquila corporate structure at the time
9	that Crossroads was constructed. Aquila had one division
10	consisting of its regulated operations, many states, I
11	believe it was seven, nine states, including regulated gas
12	and electric operations, and another division known as
13	Aquila Merchant, and this was where Crossroads was. This
14	is where all the Aquila deregulated operations were.
15	So let's talk a little more in detail on
16	the operations of the deregulated Aquila Merchant. In the
17	late '90s and at the beginning of this millennium, Aquila
18	was seeking inflated profits that come with operating in
19	the deregulated market. With increased profits, however,
20	come increased risk. While ignoring the needs of its
21	regulated operations, Aquila pumped all of its money into
22	deregulated operations.
23	In late 2001 Enron claimed bankruptcy, and
24	the model for the entire deregulated energy market fell
25	apart. Eventually the collapse of Enron effectively led

Page 859

- 1 to the end of Aquila as well.
- Before the market collapsed, however,
- 3 Aquila Merchant was investing in combustion turbines to
- 4 build around the nation. Specifically, Aquila Merchant
- 5 purchased 18 model 7EA combustion turbines. Four of those
- 6 eventually were built at Crossroads. Six became Goose
- 7 Creek in Piatt County, Illinois, and four became Racoon
- 8 Creek in Clay County, Illinois.
- 9 I specifically reference these identical
- 10 facilities because they are the basis of the surrogate
- 11 sale that formed the Commission's valuation for
- 12 Crossroads.
- 13 With the collapse of the deregulated energy
- 14 market in 2002, Aquila's finances began to fall apart. Ir
- 15 an attempt to raise capital, Aquila sold regulated
- 16 operations in several states, including Michigan and
- 17 Minnesota. Aquila also sold virtually all of its
- 18 deregulated operations. All dereg-- all deregulated
- 19 operations were sold except for Crossroads. No one wanted
- 20 it.
- 21 Eventually Aquila was eliminated entirely.
- 22 In February 2007, the final nail was driven into Aquila's
- 23 coffin. In the first part of a two-prong transaction,
- 24 Black Hills Corporation purchased the remaining Aquila
- 25 operations in Kansas, Colorado, Iowa and Nebraska.

Page 860

- 1 Wanting the Missouri operations, Great Plains purchased
- 2 the remainder of Aquila. As part of the deal, it got the
- 3 leftovers that no one else wanted. It got the Crossroads
- 4 Energy Center.
- 5 Aquila repeatedly tried to sell Crossroads.
- 6 Despite their willingness to take huge writeoffs like they
- 7 did with other sales, Aquila was unable to find even a
- 8 single bidder, let alone someone to buy it. They were
- 9 unable to even find a bidder.
- 10 Crossroads was the lingering reminder of
- 11 terrible Aquila decisions. Now, though, it was Great
- 12 Plains' problem.
- The second thing I wanted to discuss was
- 14 MPS' historical need for capacity and Aquila's repeated
- 15 refusal to provide it any generation capacity. As
- 16 Mr. Featherstone testifies, in the late '90s Aquila had a
- 17 corporate policy, quote, not to build generation assets
- 18 for its regulated utility operations, unquote. All
- 19 available capital was going to finance construction by the
- 20 deregulated operations.
- 21 For instance, Aquila constructed the Aries
- 22 unit, now known as Dogwood. While the need for the
- 23 capacity was at the MPS service area, Aquila refused to
- 24 build the plant as a regulated facility. Instead, in an
- 25 effort to make higher profits, Aquila built the Aries

Page 861 plant as a deregulated facility. It then executed a 2 purchased power agreement to sell this power to MPS 3 customers. The Aries purchased power agreement expired 4 5 in May of 2005, but prior to its expiration, Aquila sold 6 its interest in Aries. So it was no longer available. So 7 the power from Aries was no longer available. What do you do? With Aries no longer available, Aquila began to plan 8 for replacement power. 10 In its IRP for that year, Aquila recognized that the least cost alternative in order to 11 12 serve this need was to build five combustion turbines for 13 a total of 525 megawatts. While the plan was clear, Aquila still refused to execute the plan. 14

- 15 Remember, by this point in time the
- 16 deregulated market had collapsed. Aquila was selling many
- 17 operations and was desperate to preserve capital in an
- 18 effort to survive. So as had been historically done,
- 19 Aquila operated on the cheap. Instead of building the
- 20 five units called for in their IRP, Aquila only built
- 21 three combustion turbines. MPS still needed capacity.
- 22 For over ten years MPS needed capacity, and repeatedly
- 23 Aquila refused to spend a dime on its regulated
- 24 operations. Instead, all capital went to the golden child
- 25 deregulated operations.

	Page 862
1	As Mr. Featherstone points out, the tragedy
2	of this whole scenario is that Aquila missed the golden
3	opportunity to cure the MPS need for capacity by
4	purchasing in this discounted combustion turbine market.
5	Aquila missed a tremendous opportunity.
6	At this same period in time, the Commission
7	began to recognize the magnitude of the Aquila problem.
8	This is a quote from Chairman Davis' concurring opinion in
9	the 2007 case. Quote, there are ample grounds for
10	questioning the prudence of Aquila's management past and
11	present. These include management decisions to pursue
12	unregulated business ventures that eventually caused
13	Aquila to hemorrhage money, lose its investment grade
14	status, and some would say neglect its customers for
15	years, unquote.
16	Another quote from that same concurring
17	opinion. Quote, there is no question Aquila's decisions
18	have been detrimental to its ratepayers, unquote.
19	Finally, the third quote. Quote, these issues will
20	continue to haunt Aquila's management for years to come
21	regardless of who's in charge, unquote.
22	So we have two separate quandaries meeting
23	at the same period in time. First we have Great Plains
24	buying Aquila and taking possession of the unit that no
25	one else wanted, Crossroads. Second, we have long-

Page 8	363
--------	-----

- 1 suffering MPS customers who are in dire need of additional
- 2 capacity. So what happens? Since it couldn't sell
- 3 Crossroads to anyone else, Great Plains simply dumps that
- 4 unit in Mississippi on MPS ratepayers.
- 5 This all seems to make sense, however. MPS
- 6 gets the capacity they need, and Great Plains gets rid of
- 7 the lingering thorn in their side. While this seems like
- 8 a perfect marriage, there are two significant problems. I
- 9 discuss those here.
- 10 First, Great Plains refuses to recognize
- 11 the deflated value of the Crossroads unit. Instead, Great
- 12 Plains wants the long-suffering MPS ratepayers to pay an
- 13 inflated value for Crossroads.
- 14 Second, since Crossroads is located nowhere
- 15 near Missouri, Great Plains wants ratepayers to pay for
- 16 the rapidly increasing cost to transmit this energy from
- 17 Mississippi to Missouri.
- 18 So now you can see after several minutes
- 19 and multiple slides why we are here today. I'm here
- 20 because I need the Commission to once again tell Great
- 21 Plains that they cannot simply dump this unit on GMO
- 22 ratepayers at an inflated cost.
- 23 Also, I need you to tell Great Plains again
- 24 that if they want to build for these ratepayers -- excuse
- 25 me. Also you need to tell Great Plains that if they want

	Page 864
1	to refuse to build for these ratepayers and instead use
2	their Mississippi unit that no one else wanted, then Great
3	Plains' shareholders should have to pay the cost to
4	transmit this energy to Missouri.
5	Brings us to the third part of my opening
6	statement, the case law underlying the Commission's
7	decision in this case. Also, I'll recite to statute and
8	Commission rules that will underline the Commission's
9	decision.
10	Here you can see a formulation of the issue
11	in the issues list. That is, quote, what should be the
12	value of Crossroads included in rate base, unquote. As
13	you will soon see, this is exactly the same issue as
14	addressed by the Commission in the last case.
15	But here we have the legal standard. The
16	first time I'm ever gotten to quote a case from 1898
17	before the Commission, but this is a U.S. Supreme Court
18	decision, and the case is Smith vs Ames. The Supreme
19	Court stated that the Commission should utilize, quote,
20	the fair value of the property being used by it for the
21	convenience of the commission for the convenience of
22	public.
23	So given this Supreme Court decision, your
24	task is to find the fair value for Crossroads. There is
25	also legal guidance from statute and rule. Section

Page 8	6:
--------	----

- 1 393.230.1 directs the Commission to ascertain the value of
- 2 the property and gives wide latitude as to what the
- 3 Commission should consider. Specifically this statute
- 4 states that the Commission should consider, quote, every
- 5 fact which in its judgment may or does have any bearing on
- 6 such value.
- 7 Finally, the Commission has its affiliate
- 8 transaction rule. In its rules the Commission has adopted
- 9 a standard regarding the transfer of goods from an
- 10 unregulated subsidiary to the regulated utility. That's
- 11 exactly what we have here. In an effort to protect
- 12 ratepayers from being adversely impacted by non-regulated
- 13 activities, the Commission rule says that Crossroads must
- 14 be valued at the lesser of either fair market value or
- 15 fully distributed cost.
- 16 Therefore, the Supreme Court, Missouri
- 17 statutes and Commission rules all provide the same
- 18 direction. You need to look for the fair market value of
- 19 the Crossroads unit being transferred from the affiliated
- 20 unregulated operations to the regulated GMO ratepayers.
- 21 We're up to the fourth part of my opening
- 22 statement. Given the issues here and given the
- 23 similarity, virtually identical nature to the issues in
- the last case, I'll be talking about the Commission's
- 25 order in that case. First I'll talk about the proxy sale

Page 866

- 1 surrogate utilized by the Commission to find fair market
- 2 value. I'll also talk about deferred taxes, and finally
- 3 talk about the Commission's exclusion of transmission
- 4 costs in that case.
- 5 First I want you to see that the issues
- 6 here are identical. You can -- here are the issues from
- 7 the 2010 case. You can compare that to the issue here in
- 8 the current case.
- 9 If the decision to add Crossroads was
- 10 prudent, what is the appropriate valuation of Crossroads?
- 11 In this case, what should be the value of Crossroads
- 12 included in rate base? It is the same issue.
- 13 If Crossroads is included in rate base,
- 14 should the accumulated deferred taxes associated with
- 15 Crossroads be used as an offset to rate base? In this
- 16 case, what amount of accumulated deferred taxes associated
- 17 with Crossroads should offset the value of Crossroads in
- 18 rate base? Again, the exact same issue.
- 19 So given the Commission has already decided
- 20 this issue, why are you being asked to decide it again?
- 21 Staff didn't raise this issue. None of the ratepayer
- 22 groups raised this issue. GMO raised this issue, and
- 23 nothing has changed. It is not simply asking you to
- 24 clarify what you said in the last case. That's perfectly
- 25 clear what you said in the last case. It is because GMO

Page 867 is not happy that the Commission decided to protect 2 ratepayers instead of giving shareholders more profit. 3 So what did the Commission decide in the last case? First the Commission noticed after reviewing 4 5 the sale of identical turbines at Goose Creek and Racoon Creek that, quote, it is incomprehensible, Commission's 6 7 word, it is incomprehensible that Great Plains would pay book value for generating facilities in Mississippi to 8 serve retail customers in and about Kansas City, unquote. The Commission continued on to point out 10 11 that, quote, it is a virtual certainty that GPE management 12 was able to negotiate a price for Aquila that considered 13 the distressed nature of Crossroads as a merchant plant which Aquila Merchant was able to sell despite trying for 14 several years. It is equally likely that GPE was in as 15 good a position to negotiate the purchases of Racoon Creek 16 17 and Goose Creek, both located in Illinois, from Aquila Merchant in 2006, end quote. 18 19 I'm sorry. I jumped ahead. So there's the Commission quotes. This slide we will understand the 20 21 exact nature of how the Commission determined what the Commission determined was a fair market value for 22 Crossroads. The Goose Creek and Racoon Creek are exactly, 23 exactly the same combustion turbines as those found at 24 Crossroads. While Crossroads was built in 2002, the Goose 25

Page 868

- 1 Creek and Racoon Creek facilities are a year younger.
- 2 Racoon Creek and Goose Creek were acquired by Ameren in
- 3 2006, and Crossroads was acquired by Great Plains in 2007.
- 4 In all aspects except transmission Goose
- 5 Creek and Racoon Creek are a close surrogate for fair
- 6 market value. The only difference is that Crossroads is
- 7 located 500 miles away from their customers while Racoon
- 8 Creek and Goose Creek are right next to their customers.
- 9 Anyway, the Commission noticed the
- 10 similarity of the sale. The Commission looked at Racoon
- 11 Creek, total of 340 megawatts, and it sold for
- 12 \$71 million. Goose Creek, 510 megawatts, sold for
- 13 \$104 million in the same transaction. So we have 850,000
- 14 kilowatts being sold for \$175 million.
- 15 This is the Commission's decision from the
- 16 last case. That comes down to \$205.88 per kilowatt. The
- 17 Commission simply took that, multiplied it by the number
- 18 of kilowatts generated or capable at Crossroads, 300,000.
- 19 300,000 times 205.88 leads to a fair market value of
- 20 61,764,000.
- 21 Again, this is based on the sale, a
- 22 third-party transaction. It's not based on affiliate
- 23 transaction like Crossroads is today. It is based on the
- 24 sale of Aquila Merchant to a willing third party to enter
- 25 into this transaction at this fair market value.

	Page 869
1	The determination of the \$61.7 million
2	calculation is not the end of the Commission's search for
3	fair market value, however. In its decision, the
4	Commission held that, quote, the accumulated deferred
5	taxes associated with Crossroads should be applied as an
6	offset to MPS rate base, unquote. GMO immediately took
7	exception with the Commission's decision and asked for
8	clarification and rehearing. In its order addressing
9	clarification, the Commission continued to find that all
10	accumulated deferred taxes should be recognized, and the
11	Commission noted these deferred taxes were part of the,
12	quote, relevant factors, unquote, presented in this case
13	and undoubtedly would have been considered by Great Plains
14	in its due diligence.
15	Still, GMO is not asking is not happy
16	with the Commission's decision. The Commission has
17	considered this once and put out its Report and Order. It
18	considered it a second time at GMO's request and put out
19	its Order on Reconsideration. This is the third time the
20	Commission is being asked to decide this exact same issue.
21	After addressing rate base value and
22	accumulated deferred taxes, the last part of the
23	Commission's search for fair market value in the last case
24	turned to the cost of transmitting energy from Crossroads
25	in Mississippi to the Missouri ratepayers. Given that

Page 870

- 1 Crossroads is not located in the same RTO as the service
- 2 area, there are significant transmission costs associated
- 3 with bringing this energy to ratepayers. In fact, with
- 4 Entergy's request to join MISO, these transmission costs
- 5 may double overnight.
- 6 Here you can see another map, the map that
- 7 involves transmitting power from Crossroads to GMO. Down
- 8 here in the blue is Entergy. Right in the middle of that,
- 9 that star is Crossroads. It is a donut. It is the donut
- 10 hole surrounded by Entergy. So, how do you get Entergy
- 11 from Crossroads up to GMO? You have to pay to get across
- 12 Entergy's transmission network.
- 13 After giving a great deal of thought to
- 14 these transmission costs in the last case, the Commission
- 15 made several consistent findings. First the Commission
- 16 said, paying the additional transmission costs required to
- 17 bring energy all the way from Crossroads is not just and
- 18 reasonable, unquote.
- 19 Second, the Commission said, quote, in
- 20 addition to the valuation, the Commission concludes that
- 21 but for the location of Crossroads, customers would not
- 22 have to pay the excessive cost of transition, unquote.
- 23 This is the exact same issue in the last case. Recall,
- 24 the Commission decided this in a unanimous Report and
- 25 Order in the last case.

	Page 871
1	So we're on to the fifth part of my opening
2	statement, the different approaches to valuations
3	presented in this case. Just as it did in the last case,
4	just as it did in the last case, GMO is asking that
5	Crossroads be valued at net book value. This has already
6	been expressly rejected by the Commission. GMO's position
7	is faulty because it fails to recognize that Crossroads is
8	in a different RTO.
9	It also fails to recognize that the market
10	for combustion turbines is and was depressed. It also
11	fails to recognize that Crossroads and Great Plains could
12	not find any other parties to even bid on Crossroads.
13	Finally, GMO's position is contrary to the Commission's
14	affiliate transaction rule requirement to look for fair
15	market value.
16	In contrast, Staff presented a valuation
17	that is completely consistent with the Commission's order
18	in the last case. It used the Goose Creek/Racoon Creek
19	surrogate sale used by the Commission in the last case.
20	While MECG believes that there is some
21	merit in the Commission's methodology from the last case,
22	if the Commission is going to reconsider anything, we
23	believe it should actually lower the value of Crossroads.
24	Between May and August 2007, Great Plains and Aquila made
25	several filings with the SEC. In those filings, Great

Page 872

- 1 Plains repeatedly noted that the, quote, fair market value
- 2 of Crossroads is approximately 51.6 million. SEC filing
- 3 sworn to by the company in which they say, quote, fair
- 4 market value, unquote, is 51.6 million.
- 5 That exactly matches up with your inquiry
- 6 here today. Under statute, Supreme Court order and
- 7 Commission rule, you're supposed to find fair mark value.
- 8 Here we have an admission by the company that the fair
- 9 market value a mere year before it was moved to regulated
- 10 operations was 51.6 million.
- 11 As Great Plains admitted then, this market
- 12 is -- this value is based upon the sale of units to an
- 13 unrelated party of similar capacity in the current
- 14 marketplace. As Great Plains admits, the fair market
- 15 value of Crossroads is only 51.6 million. So if the
- 16 Commission is going to reconsider anything, it should
- 17 reconsider lowering its value from the surrogate sale to
- 18 the amount admitted by Great Plains.
- 19 This brings me to the sixth part, deferred
- 20 taxes. As the Commission may -- as the Commission's
- 21 May 27th, 2011 order addressing GMO's rehearing points
- 22 out, Aquila Merchant was not a profitable entity.
- 23 Recognizing that you can only take deduction to the extent
- 24 you have earnings, Aquila Merchant would never have been
- 25 able to take the accelerated depreciation deduction.

	Page 873
1	It didn't have any earnings. It couldn't
2	take the deduction. Only, only because Aquila Merchant
3	was affiliated with profitable regulated utilities were
4	they even allowed to claim this deduction.
5	Also as the Commission points out, Great
6	Plains would have undoubtedly been aware of this deferred
7	tax balance and included it in the valuation, just as the
8	Commission found it be one of the, quote, relevant
9	factors, unquote, in its valuation.
10	Brings me to the last part, transmission
11	costs. As I mentioned previously, GMO incurs significant
12	transmission expenses because its Crossroads unit is not
13	located in SPP. If it were, it could transmit this power
14	here for free. Doesn't have to be in GMO's service area.
15	Just has to get into SPP. Put it in Arkansas. Put it in
16	Oklahoma. It's in Mississippi, so it incurs significant
17	cost.
18	Here's the SPP marketplace. You can see
19	and GMO is right up here. Here is Crossroads. If
20	Crossroads was located anywhere in here, they could
21	transmit that power to GMO free of charge. But it's
22	located in the donut that is Entergy, and so goes Entergy,
23	so goes Crossroads. No matter where Entergy goes, no

Fax: 314.644.1334

24 matter what it does with transmission, you have to pay it

in order to get that power over into SPP.

25

	Page 874
1	Mr. Hatfield wanted to leave you with an
2	analogy regarding the Crossroads unit. I believe I can
3	provide a more apt analogy. I have a friend that lives in
4	New York City. He had to decide between two different
5	houses. The first was located in the city, and he could
6	get to work by using the subway. There was another house
7	that was identical in all aspects to the first, but
8	because it was outside the city, he would have to drive
9	several hours just to get to the nearest subway station.
10	Here we have the same thing. If Crossroads
11	was located in SPP, that energy could take the free subway
12	to get to where it works. Instead, GMO wants Crossroads
13	in Mississippi where it has to drive several hundred miles
14	before it can even reach that free subway.
15	Bottom line, if it is cheaper to operate
16	plants in Mississippi, how come everybody isn't doing it?
17	How come KCPL and GMO are building their units in
18	Missouri? The idea that it's cheaper is a red herring.
19	Here you can see why the Commission
20	rejected the recovery of any transmission costs associated
21	with Crossroads. While they use the same fair market
22	value of \$205.88 per kilowatt, the sale of Racoon Creek
23	and Goose Creek do not represent an exact match for
24	valuation purposes. Racoon Creek and Goose Creek are both
25	located in MISO and their service area is in MISO, so

	Page 875
1	there's no transmission cost associated with getting that
2	energy to the customers. On the other hand, Crossroads is
3	located in Entergy, and the customers are in SPP.
4	So that's where the comparison done by the
5	Commission in the last case starts to fall apart, but in
6	order to make this an apples to apples comparison, the
7	Commission did the right thing. We will treat it just
8	like Ameren. We will treat it as if Crossroads was in the
9	same service area, and if you're in the same RTO, you have
10	no transmission costs. Therefore, we're not going to
11	allow you to recover any of these transmission costs. If
12	GMO wants Crossroads in Mississippi, they have to pay the
13	cost of getting that energy to SPP.
14	The need to eliminate these transmission
15	costs are only likely to grow. As mentioned previously,
16	Entergy has asked to join MISO. While Entergy currently
17	only charges \$1.55 per kilowatt month, GMO will
18	undoubtedly be asked to pay the MISO rate of \$3.10 per
19	kilowatt month once Entergy joins MISO. Overnight when
20	Entergy joins MISO, transmission expenses will double.
21	Ultimately you will probably reach the same
22	conclusion that many of us have already reached.
23	Crossroads needs to be packed up and moved. The cost of
24	getting this energy here to Missouri is cost prohibitive.
25	As long as you allow GMO to receive any of these

Page 876 transmission costs, they will never do the right thing. 2 Make GMO pay the cost of this transmission. 3 So my conclusion. Using the Supreme Court directive, MECG believes that the fair market value is the 4 5 51.6 million admitted by Great Plains and Aquila in its 6 SEC filings from the same time that Crossroads was 7 acquired. As the Commission has also found, that fair market value should reflect all deferred taxes and the 8 elimination of all transmission costs. 10 Thank you for quite a bit of your time. I 11 appreciate it. 12 JUDGE JORDAN: Opening statement from Missouri Energy Users Association, Mr. Bartels? 13 14 MR. BARTELS: None, your Honor. Thanks. 15 JUDGE JORDAN: From AARP and the Consumers 16 Council of Missouri? 17 MR. COFFMAN: No statement. We support the 18 Staff. 19 JUDGE JORDAN: Dogwood Energy? 20 MR. LUMLEY: Good afternoon. Carl Lumley 21 for Dogwood Energy. Dogwood supports the position articualted 22 by Staff in its testimony, and that's been elaborated on 23 pretty well here this afternoon. The only thing I'd add 24

Fax: 314,644,1334

is that on this issue of the FERC tariff and the legal

25

	Page 877
1	argument, in its prior decision the Commission did not say
2	we're going to adjust FERC tariffs, we're going to change
3	rates. What the Commission said was, the plant shouldn't
4	be in Mississippi, there shouldn't be any transmission
5	costs and that's the end of it. So there is no trapped
6	rate violation. There's no violation of FERC tariffs.
7	JUDGE JORDAN: Thank you. Does Southern
8	Union Company, doing Missouri Gas Energy have any opening
9	statement?
10	MR. JACOBS: Judge, we have not taken a
11	position in the case, so we would have no opening.
12	JUDGE JORDAN: Will you also be waiving
13	cross?
14	MR. JACOBS: Yes, we will.
15	JUDGE JORDAN: Thank you. Then we're ready
16	for our first witness.
17	MR. HATFIELD: Thank you, Judge. Our first
18	witness will be Melissa Hardesty.
19	JUDGE JORDAN: While Ms. Hardesty is
20	getting set up, I'll note that on my order of cross I have
21	Mr. Crawford first. Will we be having
22	MR. HATFIELD: Mr. Crawford will be
23	testifying, yes. Do you want me to go through the order
24	of witnesses?
25	JUDGE JORDAN: Well, that's just the

	Page 873
1	sequence of witnesses that I was presented. If nobody has
2	a problem with it, it's fine.
3	MR. HATFIELD: Fair enough. I don't hear a
4	problem, Judge.
5	JUDGE JORDAN: Neither do I, so I will
6	swear in this witness.
7	(Witness sworn.)
8	MELISSA HARDESTY testified as follows:
9	DIRECT EXAMINATION BY MR. HATFIELD:
10	Q. Good afternoon. Would you state your name
11	again for the record.
12	A. My name is Melissa K. Hardesty.
13	Q. Ms. Hardesty, by whom are you employed?
14	A. I am employed by Kansas City Power & Light
15	as senior director of taxes.
16	Q. That was my next question. Are you same
17	Melissa Hardesty who filed direct, rebuttal and
18	surrebuttal in the Kansas City Power & Light case?
19	A. I am.
20	Q. And are you the same Melissa Hardesty who
21	filed rebuttal and surrebuttal in the I got them
22	backwards, didn't I?
23	A. I think I filed all parts.
24	Q. In the GMO case?
25	A. Yes, I did.

	Page 879
1	Q. All right. Do you have that testimony with
2	you today?
3	A. I do.
4	Q. Do you have any additions or corrections to
5	that testimony?
6	A. I do not.
7	MR. HATFIELD: Judge, we would offer the
8	admission of KCPL 22, 23 23 has HC and NP versions
9	24HC and NP and Exhibits 117 through 119, Mr. Woodsmall
10	tells me.
11	JUDGE JORDAN: I'm not hearing any
12	objections, so I will admit those documents into the
13	record.
14	(KCPL EXHIBIT NOS. 22, 23 AND 24 AND GMO
15	EXHIBIT NOS. 117, 118 AND 119 WERE MARKED FOR
16	IDENTIFICATION AND RECEIVED INTO EVIDENCE.)
17	MR. HATFIELD: Tender the witness for
18	cross.
19	JUDGE JORDAN: Cross-examination from
20	Dogwood, LLC?
21	MR. LUMLEY: No questions.
22	JUDGE JORDAN: From Consumer Council or
23	AARP?
24	MR. COFFMAN: No questions.
25	JUDGE JORDAN: Mr. Woodsmall, any

	Page 880
1	cross-examination?
2	MR. WOODSMALL: No questions. Thank you.
3	JUDGE JORDAN: Mr. Conrad?
4	MR. CONRAD: No questions.
5	JUDGE JORDAN: Mr. Bartels?
6	MR. BARTELS: No questions, your Honor.
7	JUDGE JORDAN: Questions from the Bench.
8	I'm not seeing Commissioner Kenney. Commissioner Jarrett?
9	COMMISSIONER JARRETT: No questions, Judge.
10	THE COURT: I have no questions for you, so
11	that concludes your examination.
12	THE WITNESS: Thank you.
13	MR. WILLIAMS: Judge, just for the record,
14	Staff had no questions either.
15	MR. MILLS: Nor do I.
16	JUDGE JORDAN: So noted. Next witness.
17	MR. HATFIELD: Thank you, Judge. The next
18	witness is Darren Ives. I'm probably still out of order,
19	by the way.
20	JUDGE JORDAN: Mr. Ives, I recall you've
21	been sworn already, so I will not swear you in again.
22	MR. HATFIELD: Yes, Judge, that's correct.
23	Just for the record, really for those assembled, the main
24	exhibit associated with this issue would be GMO 125, which
25	is Mr. Ives' surrebuttal, which has already been admitted

	Page 881
1	into evidence. I tender the witness for cross.
2	JUDGE JORDAN: Any cross-examination from
3	Dogwood Energy, LLC?
4	MR. LUMLEY: No, Judge.
5	JUDGE JORDAN: Mr. Conrad, any
6	cross-examination?
7	MR. CONRAD: No, no questions.
8	JUDGE JORDAN: Mr. Woodsmall?
9	MR. WOODSMALL: No questions.
10	JUDGE JORDAN: Mr. Coffman, any
11	cross-examination?
12	MR. COFFMAN: No questions. Thank you.
13	JUDGE JORDAN: Mr. Bartels?
14	MR. BARTELS: No questions, your Honor.
15	JUDGE JORDAN: Office of the Public
16	Counsel?
17	MR. MILLS: No questions. Thank you.
18	JUDGE JORDAN: Staff?
19	MR. WILLIAMS: No questions.
20	JUDGE JORDAN: I think that's everyone.
21	Questions from the Bench?
22	COMMISSIONER JARRETT: No questions.
23	JUDGE JORDAN: I have no questions for you.
24	Thank you. You may stand down. Next witness.
25	MR. HATFIELD: The company's next witness

	Page 882
1	will be Tim Rush. Judge, I believe Mr. Rush has already
2	been sworn and testimony has already been admitted. I
3	would tender the witness for cross, if it please your
4	Honor.
5	JUDGE JORDAN: That's my recollection as
6	well, and so I'll call for cross-examination. Dogwood
7	Energy, LLC?
8	MR. LUMLEY: No, sir.
9	JUDGE JORDAN: AARP or Consumers Council?
10	MR. COFFMAN: No questions.
11	JUDGE JORDAN: Mr. Woodsmall?
12	MR. WOODSMALL: No questions.
13	JUDGE JORDAN: Mr. Conrad?
14	MR. CONRAD: No questions.
15	JUDGE JORDAN: Mr. Bartels?
16	MR. BARTELS: No questions.
17	JUDGE JORDAN: Office of the Public
18	Counsel?
19	MR. MILLS: No questions.
20	JUDGE JORDAN: Staff?
21	MR. WILLIAMS: No questions.
22	JUDGE JORDAN: Then this examination is
23	also concluded. Did I do questions from the Bench? Did I
24	call for questions from the Bench?
25	COMMISSIONER JARRETT: You didn't call, but

	Page 883
1	no questions.
2	JUDGE JORDAN: Are there any questions from
3	the Bench? Next witness.
4	MR. HATFIELD: And now Mr. Crawford, your
5	Honor, Burton Crawford. Your Honor, similar to the prior
6	witnesses, Mr. Crawford has already been sworn. His
7	testimony has already been admitted. So if it please your
8	Honor, I tender him for cross.
9	JUDGE JORDAN: Mr. Lumley, any cross for
10	this witness?
11	MR. LUMLEY: Somebody always has to spoil
12	things, don't I? You're on such a roll.
13	JUDGE JORDAN: It's what we're here for.
14	It's what we do.
15	BURTON CRAWFORD testified as follows:
16	CROSS-EXAMINATION BY MR. LUMLEY:
17	Q. Good afternoon.
18	A. Good afternoon.
19	Q. You manage the KCPL and the GMO energy
20	resource management department, correct?
21	A. That's correct.
22	Q. The Crossroads generation plant is owned by
23	an agency of the city of Clarksdale, Mississippi called
24	the Clarksdale Public Utilities Commission; is that right?
25	A. I believe so.

	Page 88
1	Q. And that commission actually runs that
2	city's own electric system?
3	A. They do.
4	Q. And it operates the Crossroads plant
5	itself?
6	A. Yes.
7	Q. Do you know, does it have other generation
8	plants of its own at the site or other sites?
9	A. I don't believe they have any at that site.
10	I don't know about any other site.
11	Q. Okay. The Crossroads plant was built with
12	municipal economic development financing?
13	A. That's my understanding.
14	Q. Tax exempt bonds? Can you say yes or no?
15	A. Yes.
16	Q. And GMO actually has an option to buy the
17	plant, but it hasn't done so because of adverse tax
18	impacts?
19	A. That's correct.
20	Q. Is GMO the holder of the bonds that were
21	issued to finance the plant?
22	A. That I do not know.
23	Q. Are you aware of any issues relative to
24	whoever the bondholder is being paid back on their
25	investment?

		Page 885
1	Α.	I'm not aware.
2	Q.	GMO's relationship with the Clarksdale
3	Public Utilition	es Commission is established by a 2001
4	generation, ope	eration and maintenance agreement and a
5	related power	sales contract; is that right?
6	Α.	That's correct.
7	Q.	And those are running for approximately a
8	20-year term?	
9	Α.	I believe that's correct. I think there's
10	some provision	s for some extensions.
11	Q.	At least as a base term?
12	Α.	It may be 30 years.
13	Q.	So you'd agree it's at least 20 years?
14	Α.	It's a significant length of time, yes.
15	Q.	And it's not a leased arrangement, correct?
16	GMO doesn't lea	ase and take physical occupation of the
17	grounds?	
18	Α.	We do not take physical occupation of the
19	grounds.	
20	Q.	Instead, it's entitled to the output of the
21	plant, correct	?
22	Α.	Correct.
23	Q.	Historically the plant's only used in the
24	summer season;	is that right?
25	Α.	For the most part, yes.

	Page 886
1	Q. And it serves as a peaking capacity plant?
2	A. Yes.
3	Q. In your rebuttal at page 5, you say in 2012
4	it ran for 45 days. Do you recall that?
5	A. I do.
6	Q. In the summer of 2012. But it wasn't
7	running 24 hours a day, correct?
8	A. Correct.
9	Q. You also say in your testimony that an
10	all-time record was set in July for usage at about 54,000
11	megawatt hours. Do you recall that?
12	A. I don't recall the exact number. Do you
13	want to point me again to where you're at in my testimony?
14	Q. Actually, I think in your testimony you
15	just say it was a record in July. You don't recall the
16	number?
17	A. I do not.
18	Q. If I showed you a generation report from
19	EIA, could that refresh your recollection perhaps?
20	A. I couldn't tell you what the number was.
21	MR. LUMLEY: May I approach?
22	JUDGE JORDAN: You may.
23	BY MR. LUMLEY:
24	Q. We'll just give it a shot. Do those
25	numbers look familiar for the summer 2012?

	Page 88
1	A. Again, I don't know what the exact numbers
2	were. Just my understanding that it was record generation
3	for the month of July.
4	Q. Okay. So you don't as you sit here
5	today, you have no idea what that record was?
6	A. I do not.
7	Q. Is the plant used for off-system sales?
8	A. There's no prohibition against it, but I
9	would doubt that off-system sales would be made from the
10	facility given that it's a peaking facility.
11	Q. Why would that be?
12	A. Generally when you're running that plant,
13	you're using it during times of peak load when you're
14	either needing it for retail load or the price of power at
15	those times is likely near the cost of generation. So
16	there may not be room above its operating cost to make
17	off-system sales.
18	Q. Is another way of saying that is that it's
19	probably inefficient as compared to others in the
20	marketplace and that makes it less likely to be available
21	for off-system sales?
22	A. Relative to other types of generation, yes.
23	Q. By inefficient, I'm talking things like the
24	heat rate of the plant?
25	A. Yes, as compared to a combined cycle unit.

Fax: 314.644.1334

Page 888 1 Q. The city can't use it itself for its own 2 needs, correct, or at least it doesn't? 3 Not that I'm aware of. 4 Q. GMO pays the cost of generation and 5 maintenance each year on basically a pass-as-you-go arrangement; is that right? 6 7 I'm not familiar with the specific details, 8 but we pay for the maintenance of the facility. 9 Pursuant to its agreement, GMO has the Q. 10 right to review and approve the annual operating plan for 11 the plant? 12 Α. I believe that's correct. 13 Q. And the annual budget for the plant? 14 I believe that's correct. Α. 15 Q. And GMO has the right to audit records and 16 inspect the plant to see how things are going? 17 Α. Yes. 18 Do you recall that the agreement calls for Q. 19 payment to CPU of an availability incentive bonus fee for 20 increasing the availability of the plant? 21 Α. I'm not familiar with those details. 22 Q. Do you recall Mr. Ralston's testimony in 23 the prior case? I recall he testified. 24 Α. 25 You don't remember the aspects about the Q.

Page 889 incentive bonus fee? 2 Α. I do not recall. 3 Ο. Do you recall that there could be payments 4 by CPU of liquidated damages if it doesn't run the plant 5 correctly? 6 Α. I do not recall. 7 Do you recall that CPU has agreed to 8 indemnify GMO from third-party claims, such as if somebody was killed at the plant? 10 I do not recall. Α. 11 Do you recall whether CPU agrees to pay for Q. 12 any environmental law violations? 13 Α. I do not recall. 14 Q. In your surrebuttal testimony at page 2, you testify that GMO counts the plant to meet SPP capacity 15 16 requirements. Do you recall that? 17 Α. Yes. 18 And specifically you count on it to meet Q. peak capacity requirements, is that right, under SPP 19 20 standards? 21 Α. There's no distinction on capacity requirements between peak and any other type of capacity 22 23 product. 24 Q. You don't recall that the SPP policy 25 actually does allow for treatment of some capacity as peak

Page 890

Fax: 314,644,1334

- only for a four-month basis?
- 2 A. That is the requirement of SPP is that you
- 3 have to have capacity, sufficient capacity to meet your
- 4 capacity obligation for the four summer months.
- 5 Q. Right. The policy doesn't require you to
- 6 year round have capacity to meet your peak needs, correct?
- 7 A. That's correct.
- 8 Q. And because Crossroads is a peaker plant,
- 9 GMO's using it to meet its peak capacity needs?
- 10 A. Primarily, but there are other times the
- 11 facility may need to run. There's no limit that it only
- 12 be during the summer.
- 13 Q. I'm talking about to meet SPP standards,
- 14 you're counting that capacity towards your peak capacity
- 15 needs?
- 16 A. To meeting our capacity needs, yes.
- 17 Q. So do you believe you count on it on a
- 18 year-round basis for SPP policy purposes?
- 19 A. Only to meet the requirements during the
- 20 four summer months.
- Q. Okay. I think we're saying the same thing.
- 22 The transmission from Clarksdale, Mississippi to the GMO
- 23 service area, that's accomplished through a combination of
- 24 Entergy and SPP managed facilities, correct?
- 25 A. That's correct.

Page 891

- 1 Q. In your surrebuttal testimony at page 4,
- you testify that in 2007 GMO decided to add the plant as a
- 3 generation resource instead of scrapping it, but -- is
- 4 that correct?
- 5 A. The company decided to add it to its
- 6 resource portfolio.
- 7 Q. And it actually previously had considered
- 8 scrapping it, correct?
- 9 A. That was the basis for the value
- 10 determination.
- 11 Q. But in 2007 when that decision was made,
- 12 nothing was changed in terms of the contractual
- 13 relationship with CPU, right?
- 14 A. At some point in there there were some
- 15 changes to the contractual relationship. I don't know at
- 16 what point that was reached. I think that the buyout
- 17 provision was negotiated at some point in there.
- 18 Q. In connection with the 2007 decision?
- 19 A. I don't know if that was specific to the
- 20 2007 decision or not.
- Q. Okay. Surrebuttal page 7, you testify that
- 22 the 2010 analysis the company undertook is irrelevant to
- 23 the decision to add the plant as a generating resource,
- 24 correct?
- 25 A. To the decision in 2007, that's correct.

Page 892 1 Q. Surrebuttal page 3, you testify that 2 Crossroads was the lowest cost option in 2007. Do you 3 recall that? Α. I don't know if it's specifically on 4 5 page 3, but yes, I do mention that it was the lowest cost 6 option. 7 Do you recall in the last rate case that Q. 8 Dogwood challenged that assertion? 9 Α. Yes. 10 Do you recall that in your 2010 analysis, Q. 11 11 out of the 42 scenarios Dogwood was the lowest cost 12 alternative? I don't remember the specific numbers of 13 Α. 14 scenarios. 15 If I showed you your testimony, would that Q. refresh your recollection? This is a transcript from 16 17 proceedings February 15th, 2007. 18 MR. LUMLEY: May I approach, Judge? 19 JUDGE JORDAN: You may. MR. HATFIELD: I was just waiting for the 20 21 witness to answer the question of whether showing it to him would refresh his recollection. 22 23 JUDGE JORDAN: I am waiting for that 24 answer, too.

THE WITNESS: Yes. What was your question?

Fax: 314.644.1334

25

Page 893 BY MR. LUMLEY: That in 11 out 42 scenarios that you had Q. 3 studied, Dogwood was the lowest cost alternative? I don't -- I don't have the study in front 4 Α. 5 of me, but if that's what I testified to last time, I don't have any reason to doubt it. 6 7 But after all the evidence in the prior 8 case, the Commission held that your company could include the plant at a specific value without transmission costs, 10 correct? Correct. 11 Α. 12 Do you understand that the Staff is not Q. 13 asserting in this case that GMO should have generation 14 plants in Illinois? 15 Α. I understand that, yes. 16 MR. LUMLEY: That's all my questions. 17 JUDGE JORDAN: Cross-examination from AARP or the Consumers Council of Missouri? 18 19 MR. COFFMAN: No, your Honor. 20 JUDGE JORDAN: We're trying to reconnect 21 Commissioner Kenney. 22 Mr. Woodsmall, any cross-examination? 23 MR. WOODSMALL: Yes, very briefly. CROSS-EXAMINATION BY MR. WOODSMALL: 24 25 Mr. Crawford, are you familiar with KCPL Q.

		Page 894
1	or excuse m	∍.
2		COMMISSIONER KENNEY: I'm here. Thanks.
3	BY MR. WOODSMA	LL:
4	Q.	Are you familiar with GMO's generation
5	portfolio?	
6	Α.	To a certain degree.
7	Q.	Okay. Other than Crossroads, does GMO have
8	any other CTs	that it used to generate capacity or energy
9	for its custome	ers?
10	Α.	Yes.
11	Q.	Can you tell me where those CTs are
12	located?	
13	Α.	There are CTs at Nevada and Ralph Green and
14	Lake Road.	
15	Q.	Those are all located in Missouri?
16	Α.	Yes.
17	Q.	Are you familiar with KCP&L's generation
18	portfolio?	
19	Α.	Yes.
20	Q.	Does KCP&L have any gas-fired generation?
21	Α.	Yes.
22	Q.	Where are those located?
23	Α.	There are some at Hawthorn, West Gardner,
24	Osawatomie.	
25	Q.	Are all those located within KCP&L's

Page 895 1 service area? 2 Α. They are. 3 MR. WOODSMALL: No further questions. 4 Thank you. 5 JUDGE JORDAN: Mr. Conrad, any cross-examination? 7 MR. CONRAD: We do not, sir. Thank you. JUDGE JORDAN: Mr. Bartels? 8 MR. BARTELS: No, thank you, your Honor. 10 JUDGE JORDAN: Office of the Public Counsel? 11 12 MR. MILLS: No questions. JUDGE JORDAN: Staff? 13 14 MR. WILLIAMS: Yes, Judge. I'd like to start first by getting some exhibits marked. 15 16 (STAFF EXHIBIT NOS. 393HC, 394HC AND 395HC 17 WERE MARKED FOR IDENTIFICATION.) 18 JUDGE JORDAN: And this will be 396? 19 MR. WILLIAMS: 394 I understand. I was 20 told we were going in reverse order. Judge, 394 is a 21 highly confidential -- I'm sorry. 395 is a highly confidential data request response that was provided by 22 GMO in Case No. ER-2009-0090, provided to Staff in 23 24 response to Data Request No. 0180 for identifying it. 25 JUDGE JORDAN: Can you use the microphone

Page 896

Fax: 314,644,1334

- 1 so that everyone can hear?
- 2 MR. WILLIAMS: Sure. Judge, what's been
- 3 marked for identification as, it would be Staff Exhibit
- 4 395 is a data request response in Case No. ER-2009-0090,
- 5 provided by GMO to Staff Data Request No. 0180. Staff
- 6 offers Exhibit 395 at this time. I don't know if the
- 7 company's had an opportunity to review it adequately yet
- 8 or not.
- 9 MR. HATFIELD: I don't know if we have any
- 10 foundation for it at this point. I object. There's no
- 11 foundation for admission of this document.
- MR. WILLIAMS: It's a company response to a
- 13 data request issued by Staff, so it's an admission.
- 14 MR. HATFIELD: Right, and somebody needs to
- 15 testify to that. I mean, I bet he will, but somebody
- 16 needs to testify to that. That's my objection, your
- 17 Honor.
- 18 MR. WOODSMALL: To respond, I don't know if
- 19 that's correct. I think as a data request it's self-
- 20 authenticating.
- 21 MR. FISCHER: Judge, it's not a data
- 22 request even in this case.
- MR. WOODSMALL: Are you telling me that the
- 24 company may have lied in a previous case? I mean, it's a
- 25 data request that the company responded to. They're under

Page 897 an obligation to respond truthfully. 2 MR. FISCHER: Judge, I think they can lay a 3 foundation if they try, but it just doesn't come in because it's a data request in one of the many cases that 4 5 have happened in the past for this company. 6 MR. WOODSMALL: I believe with any document 7 you have two things to show. You have to show that it's relevant. You have to show that it's authentic. This 8 data request response is self-authenticating. I'll pull 10 up a --11 JUDGE JORDAN: Are you pulling up a 12 reference for me, a citation? 13 MR. WOODSMALL: Yes. I will find it. 14 MR. WILLIAMS: Judge, if I might inquire of Mr. Crawford, because the document indicates he is the one 15 16 who provided the response. 17 JUDGE JORDAN: Please do. 18 MR. WILLIAMS: If I might inquire of 19 Mr. Crawford. 20 JUDGE JORDAN: Yes. 21 THE WITNESS: I'm sorry. Which particular 22 one are you pointing to? CROSS-EXAMINATION BY MR. WILLIAMS: 23 24 It would be what's been marked for Q. 25 identification as Exhibit 395. It's the data request

Page 898 response by GMO to Staff Data Request 0180 in Case 2 No. ER-2009-0090. 3 Α. And the question to me is what? 4 Q. Are you familiar with the documents that 5 were provided by GMO in response to that data request that 6 are provided in Exhibit 395? 7 I am not familiar with these documents. 8 Q. You've never seen them before? I don't recall seeing this document. From 9 Α. 2001, right? 10 11 The data request response would have been Q. 12 in 2008. The document itself would date back to, one of 13 them is November of 2001. 14 Yes. I'm not familiar with that document. Α. 15 Q. So you don't recall ever seeing these 16 documents before, any of the documents included in that 17 data request response? 18 I don't recall seeing these documents. Α. 19 Q. Would you turn to the second page on that 20 exhibit, and who's it indicates provided the information? 21 Α. I'm sorry. I'm not seeing where it says. 22 Q. Page 1 of 2. 23 Α. It's got my name on it. 24 Q. Would GMO provide information in response 25 to Staff data request, if someone said that they provided

	Page 899
1	it, would that person have provided it typically?
2	A. You would hope so.
3	Q. But you don't recall providing it?
4	A. I do not recall seeing this November 1st,
5	2001 document or the Project Spark July 2005 document.
6	Q. You don't recall seeing them ever before?
7	A. I do not.
8	Q. If this data request was filed in the
9	Commission's electronic filing and information system,
10	would it have originated from the company who provide
11	who's indicated as having provided the response?
12	A. Do you want to ask me that question again?
13	Q. All right. If the Commission's electronic
14	filing and information system reflected that GMO had
15	provided the response to Data Request 0180, this response,
16	if it's in the electronic system, would the company have
17	provided that response?
18	A. I'm not familiar with that system in terms
19	of who can get in and provide documents. I would presume
20	it would be provided by the company, but
21	Q. Well, how does the company normally provide
22	responses to Staff data requests in rate cases?
23	A. I provide them to the regulatory department
24	and they handle it.
25	Q. So you're not part of that actual process

Page 900 where the response is provided other than handing off some 2 information to someone else within the company? 3 Α. Correct. MR. WILLIAMS: Judge, I've already offered 4 5 the exhibit. 6 JUDGE JORDAN: Right. You're done with 7 your inquiry? 8 MR. WILLIAMS: I believe so. 9 JUDGE JORDAN: Let's get back to Mr. Woodsmall. 10 MR. WOODSMALL: No. 11 JUDGE JORDAN: I'm going to overrule the 12 13 objection and admit the document into evidence. 14 (STAFF EXHIBIT NO. 395HC WAS RECEIVED INTO 15 EVIDENCE.) 16 MR. WILLIAMS: Judge, a second exhibit I'd 17 like to offer is Exhibit 394, which is a response by GMO to Staff Data Request 52 in this case, ER-2012-0175. 18 19 MR. HATFIELD: I'm sorry. Did you say you offered it? 20 21 MR. WILLIAMS: Yes. MR. HATFIELD: We object to foundation. 22 Judge, just for the record, there's no testimony the 23 24 document even is what Mr. Williams says it is. 25 JUDGE JORDAN: I understand.

	Page 901
1	MR. WILLIAMS: This particular document
2	includes a verification. If necessary, we can call
3	Mr. Rush up to the stand. He's the one that provided the
4	verification.
5	JUDGE JORDAN: Can you point me to the
6	verification.
7	MR. WILLIAMS: Should be the last page.
8	JUDGE JORDAN: I'm going to overrule that
9	objection also.
10	(STAFF EXHIBIT NO. 394HC WAS RECEIVED INTO
11	EVIDENCE.)
12	MR. WILLIAMS: And then for Exhibit 393,
13	which is GMO's response to Staff Data Request 147.
14	Similar to the last exhibit, it includes a verification by
15	Mr. Tim Rush. Staff offers that exhibit at this time.
16	MR. HATFIELD: Same objection, your Honor.
17	JUDGE JORDAN: I overrule the objection. I
18	will admit all those documents into the record. They
19	appear to me to have been made in the regular course of
20	business.
21	(STAFF EXHIBIT NO. 393HC WAS RECEIVED INTO
22	EVIDENCE.)
23	MR. WILLIAMS: Judge, I would note that
24	both Exhibits 393 and 395 are highly confidential.
25	JUDGE JORDAN: Did you say 393 has highly

	Page 902
1	confidential in it?
2	MR. WILLIAMS: It's indicated on the bottom
3	of the first page the security is highly confidential, so
4	yes.
5	JUDGE JORDAN: Yes, I see that it states
6	that it's highly confidential. Mine does not have the big
7	HC on the corner, however.
8	MR. WILLIAMS: Judge, actually I believe
9	all of them probably have highly confidential information.
10	If the company deems otherwise, they can so indicate, but
11	I see indications on all three that there is some highly
12	confidential information.
13	JUDGE JORDAN: Okay. The cover of 394 does
14	say security public.
15	MR. WILLIAMS: But if you go to the second
16	page, it shows some highly confidential.
17	JUDGE JORDAN: Indeed, I see that. I
18	appreciate you pointing that to me.
19	MR. WILLIAMS: It was pointed out to me.
20	I'm not trying to make things that are not to be public
21	here.
22	JUDGE JORDAN: Very good. Do you
23	anticipate that we'll be taking testimony on highly
24	confidential records?
25	MR. WILLIAMS: I'm going to try to avoid

Page 903

- 1 getting anything into the record that's highly
- 2 confidential.
- JUDGE JORDAN: Thank you. I appreciate
- 4 that. I'm going to mark my exhibits with an HC for highly
- 5 confidential at the lower right corner of each just to
- 6 make sure. They like that marking.
- 7 MR. WILLIAMS: May I inquire?
- 8 BY MR. WILLIAMS:
- 9 Q. Mr. Crawford, would you turn to
- 10 Exhibit 393. Without disclosing any highly confidential
- information, what does this exhibit reflect?
- MR. HATFIELD: Object to the lack of
- 13 foundation.
- 14 JUDGE JORDAN: You may have a running
- 15 objection to foundation.
- 16 MR. HATFIELD: And Judge, I didn't mean to
- 17 admissibility, but asking this witness to tell us what a
- 18 document reflects when there's been no foundation laid
- 19 that he's ever seen it before or that he knows anything
- 20 about it is the objection.
- 21 JUDGE JORDAN: If he cannot answer, he can
- 22 say that he does not know.
- MR. HATFIELD: Understood.
- 24 BY MR. WILLIAMS:
- 25 Q. Let's try it this way. Mr. Crawford, are

Page 904 you familiar with net unit heat rates?

- 2 Α. Yes.
- 3 Q. And what are they?
- It's a measure of how efficient the unit is Α.
- in terms of fuel consumption per kilowatt hour or megawatt
- hour of generation. 6
- 7 If you're looking at information such as
- 8 that that's shown on Exhibit 393, without identifying any
- of the numbers on here or even the units if that would be
- 10 highly confidential, we're under the schedules that show
- 11 on the left side, heat rate, does a lower or a higher
- 12 number indicate more efficient operation of the unit?
- 13 A lower number is more efficient.
- 14 Q. And would the numbers -- is there a direct
- 15 correlation in the efficiency between the numbers or is it
- 16 just relative? In other words, if something showed a heat
- 17 rate efficiency of 20,000, would that be twice the
- efficiency of something shown as 10,000 or is it just 18
- relatively less efficient? 19
- 20 10,000, you could consider that twice as
- 21 efficient as a 20,000.
- 22 Q. And are you familiar with the heat rates at
- 23 the units that are identified on Exhibit 393 in general?
- 24 I couldn't tell you what the specific Α.
- numbers are for the individual units, but these are the --25

Page 905 appear to be the heat rates for these particular units. 2 Well, what I really want to know is if Q. 3 these numbers appear to you to be accurately representative of what the heat rates would be for those 4 5 units? Α. I have no reason to doubt their inaccuracy. 7 Q. No reason to doubt their accuracy or their 8 inaccuracy? 9 Α. No doubt to -- as far as I know, they're 10 accurate. 11 Thank you. And then turning to Q. 12 Exhibit 394, are you familiar with economic dispatch 13 order? 14 Α. Yes. 15 And what does that term mean to you? Q. When you rank the units from lowest to 16 Α. 17 highest cost in terms of the cost of operation of the plant, is typically the way you think of dispatch order, 18 with the lowest cost being dispatched before the higher 19 20 cost units. 21 So that would be, say, cost per kilowatt of 22 energy produced by the unit? 23 Kilowatt hour. Α. 24 And then on the rankings that are shown on Q. 25 Exhibit 394 for a typical dispatch order, would the --

Page 906

- 1 let's just go to page 1 of 4. Would that order be the
- 2 most efficient unit at the top or the least efficient
- 3 unit?
- 4 A. Most efficient at the top.
- 5 Q. And the last then would be the least
- 6 efficient?
- 7 A. Correct.
- 8 Q. And that's true for the rankings on all of
- 9 these listings?
- 10 A. Yes.
- 11 Q. And do you have any familiarity with the
- 12 dispatch order of the units that are identified on
- 13 Exhibit 394?
- 14 A. Relative order, yes.
- 15 Q. And do these look like they would be
- 16 accurate, to the best of your information at this point?
- 17 A. They appear reasonable to me.
- 18 Q. I think we've touched on 395 adequately as
- 19 to your knowledge about it.
- 20 Turning to your surrebuttal testimony, on
- 21 page 6 you make a reference to testimony by Ms. Mantle on
- 22 lines -- well, starting on line 17 on page 6, going
- 23 through to the next page, you have a question and answer
- 24 there.
- 25 A. Yes.

Page 907 1 Q. And you say that Ms. Mantle stated she 2 could not find those differences to be imprudent. Are the 3 differences that she referred to in her testimony differences between net present value of revenue 4 5 requirement? 6 Α. Yes. 7 So it wouldn't include any other Q. 8 consideration, simply net present value of revenue requirement? 10 Depends on what you mean by any other Α. consideration. There's a an awful lot that goes into net 11 12 present value revenue requirement. Would it take into account the certain --13 Q. 14 differences in the certainty of having power from an owned 15 generation unit versus taking power under short-term 16 purchased power agreements? 17 Yes. It would reflect the nature of any contracts that were behind those numbers. 18 19 Q. Would it take into account any 20 considerations other than economic considerations? 21 Α. I would say it essentially all gets down to economics. 22 23 Q. Does KCP&L Greater Missouri Operations 24 Company pay fees to the Southwest Power Pool based on the 25 megawatt hour output of KCP&L Greater Missouri Operations

Page 908 1 Company's power plant facilities that make up its 2 Southwest Power Pool capacity obligations? 3 There are several different fees we pay to SPP. 4 5 Q. Please just answer yes or no. Somebody 6 else can ask you to explain your answer. 7 Α. I am uncertain. 8 Q. Does KCPL Greater Missouri Operations 9 Company pay fees to the Southwest Power Pool based on the 10 capacity of KCP&L Greater Missouri Operations Company's power plant facilities that make up KCP&L Greater Missouri 11 12 Operations Company Southwest Power Pool capacity obligations? 13 14 Α. I'm not recalling a capacity-specific 15 charge from SPP. 16 Q. So you believe the answer is no to that 17 question? 18 I would believe that, yes. Α. 19 Are the Crossroads units used to meet KCP&L Q. 20 Greater Missouri Operations Company's capacity obligations 21 to the Southwest Power Pool? 22 Yes. Α. 23 Q. Does KCPL Greater Missouri Operations 24 Company pay fees to the Southwest Power Pool based on the 25 output and capacity of the Crossroads unit?

Page 909 Α. I am not certain. 1 2 Do you know if the firm transmission rate Q. 3 KCP&L Greater Missouri Operations Company pays to Entergy are included in the payments to the Southwest Power Pool 5 or are they paid separately? 6 Α. I believe they're paid separately. 7 MR. WILLIAMS: No further questions. JUDGE JORDAN: Questions from the Bench? 8 COMMISSIONER JARRETT: No questions. Thank 10 you. 11 JUDGE JORDAN: Commissioner Kenney, any 12 questions? 13 COMMISSIONER KENNEY: No, thank you. 14 JUDGE JORDAN: I have no questions for you. 15 Redirect? 16 MR. HATFIELD: Just briefly, Judge, and if 17 I might just stay here, if that's all right. 18 JUDGE JORDAN: You may. 19 REDIRECT EXAMINATION BY MR. HATFIELD: 20 Mr. Crawford, I want to go back to where Q. 21 Mr. Lumley started and make sure we don't confuse anyone. 22 Mr. Lumley asked you about who owns the Crossroads facility. Do you recall that? 23 I do. 24 Α. 25 And Staff's cost -- are you familiar with Q.

	Page 910
1	the Staff's cost of service report in this case?
2	A. Only vaguely.
3	Q. All right. Well, when Staff writes in
4	their cost of service report GMO owns four natural gas
5	fired combustion turbines at its Crossroads generating
6	station located in Clarksdale, Missouri, do you agree with
7	that statement by Staff?
8	A. I don't believe GMO owns the facility.
9	Q. Can you explain the difference between the
10	statement GMO owns the turbines and GMO does not own the
11	facility?
12	A. I don't believe it owns the turbines or the
13	facility.
14	Q. And how is it, then, that it receives
15	power?
16	A. It's in a contractual arrangement.
17	Q. And is that contractual there any other
18	facilities that have a contractual arrangement similar to
19	that, such as maybe Clarksdale?
20	A. That GMO has?
21	Q. Yes.
22	A. I don't believe so. It's structured
23	similar to a capital lease.
24	Q. Is South Harper and the City of Peculiar,
25	is that anywhere near what's done with Crossroads?

Page 911 Α. I don't know. 1 2 Well, let me ask you this, then. You were Q. 3 here for the opening when Mr. Woodsmall said that what should happen is GMO should pack up Crossroads and move it 4 5 to Missouri, right? 6 Α. Yes. 7 How could you do that if you don't own it? Q. There is an option for the company to buy 8 Α. out the facility. 10 Is there a lease arrangement with the city? Q. It's a capital lease, I believe. 11 Α. 12 So there's a lease agreement to lease the Q. facility; is that right? 13 14 Α. Right. 15 Mr. Lumley I believe also asked you a little bit about the 2007 decision to add Crossroads to 16 17 the portfolio. Do you remember that, that he asked you 18 that? 19 I don't recall whether that was one of his Α. 20 specific questions or not. 21 All right. Well, what process was used to 22 decide to place Crossroads into the GMO portfolio in 2007? When the company was facing the decision, 23 Α. the need to add additional capacity resources, the company 24 issued an RFP to solicit offers for capacity and energy, 25

	Page 912
1	and Crossroads was one of those resources that was offered
2	in to the company. The company evaluated the options
3	available to it that included both external offers as well
4	as self-build options, and looking at it on a long-term
5	basis from a net present value revenue requirement
6	standpoint, it was determined that Crossroads was the
7	least cost option, which did include the transmission
8	costs from Entergy and actually included significantly
9	higher transmission costs than what the company has
10	incurred. I believe there was \$11 million worth of
11	transmission on an annual basis that was factored in to
12	that particular analysis.
13	Q. So let me make sure I understand that. In
14	2007 during this RFP process, who was it that offered the
15	Crossroads facility in response to that RFP?
16	A. Aquila, Inc.
17	Q. And do you include information in your
18	testimony about how many other responses there were to the
19	RFP?
20	A. Yes.
21	Q. And is there an analysis included as a
22	schedule about the responses to the RFP?
23	A. Yes.
24	Q. And when Aquila responded to that RFP, what
25	is it they were offering? Well, they were offering to

Page 913

- 1 essentially sell the facility to the regulated side, GMO,
- 2 correct?
- 3 A. To provide that service of capacity and
- 4 energy from that facility.
- 5 Q. And in responding to that, what value was
- 6 it that Aquila assigned to the facility, not necessarily
- 7 the number, but --
- 8 A. Aquila, Inc. had offered it in at net book
- 9 value of the plant.
- 10 Q. At the net book value of the plant. And
- 11 even though it was offered at net book value of the plant,
- 12 it was still the lowest cost option in 2007 in response to
- 13 the RFP?
- 14 A. That's correct.
- 15 Q. And when Aquila offered to sell the plant
- 16 at -- offered in response to your RFP it the net value,
- 17 did GMO accept that offer?
- 18 A. Yes. GMO made the decision to include it
- 19 as part of its regulated portfolio.
- 20 Q. And you mentioned the transmission costs.
- 21 So in the bid, for want of a better term, on that RFP,
- 22 what number was used for transmission costs again?
- 23 A. \$11 million.
- 24 Q. And the actual costs in the last year were?
- 25 A. I think we have 5.1 or 5.2, 5.2 million in

Page 914

- 1 the case.
- 2 Q. So even if transmission costs were to
- 3 double, GMO would still be the lowest cost based on that
- 4 2007 RFP?
- 5 MR. CONRAD: Excuse me. I kind of lost
- 6 track here. Is this cross-examination or is this direct?
- 7 MR. HATFIELD: I thought I was in redirect,
- 8 Judge.
- 9 MR. WOODSMALL: I think there is some
- 10 requirement to tie it back, and I haven't heard any
- 11 reference to any questions that were asked in cross.
- 12 MR. HATFIELD: This relates to Mr. Lumley's
- 13 questions. Mr. Lumley actually raised the issue of the
- 14 2007 RFP.
- 15 MR. CONRAD: I guess my objection is if
- 16 it's in direct, it's leading and suggestive.
- 17 JUDGE JORDAN: I will sustain that
- 18 objection.
- 19 BY MR. HATFIELD:
- 20 Q. Mr. Woodsmall asked you some questions
- 21 about different facilities and whether they're outside of
- 22 GMO/KCP&L territory. Do the companies operate a facility
- 23 known as Wolf Creek?
- 24 MR. CONRAD: You know, do we need to make
- 25 continuing objection to how counsel -- if it's direct, he

	Page 915
1	needs to ask questions for direct examination, not
2	cross-examination, not suggestive and not argumentative.
3	JUDGE JORDAN: Your objection is that it is
4	a leading question on direct; is that correct?
5	MR. CONRAD: Obviously.
6	JUDGE JORDAN: Just wanted to make sure for
7	the record. I'll sustain that objection.
8	MR. HATFIELD: Thank you, Judge.
9	BY MR. HATFIELD:
10	Q. Do the companies operate any other
11	facilities other than Crossroads that are located outside
12	of KCPL GMO territory?
13	A. Yes.
14	Q. What would can you name one?
15	A. Gray County Wind, western Kansas.
16	Q. And is it necessary that a plant be in the
17	service territory to be used and useful?
18	A. No.
19	Q. And is it necessary that the facility be in
20	the territory to be the lowest cost for the ratepayers?
21	A. No.
22	MR. HATFIELD: I don't have any further
23	questions, Judge.
24	JUDGE JORDAN: That concludes redirect.
25	You may stand down.

	Page 916
1	I think this is a good time for a break, so
2	let's take 15 minutes.
3	(A BREAK WAS TAKEN.)
4	(STAFF EXHIBIT NO. 392HC WAS MARKED FOR
5	IDENTIFICATION.)
6	JUDGE JORDAN: We're back on the record and
7	ready for our next witness.
8	MR. WILLIAMS: Good afternoon,
9	Mr. Featherstone.
10	MR. FEATHERSTONE: Good afternoon.
11	JUDGE JORDAN: Refresh my recollection.
12	Have I already sworn this witness?
13	MR. WILLIAMS: He tells me you have. I
14	believe he testified the first day.
15	JUDGE JORDAN: Thank you. It's been a
16	while.
17	CARY FEATHERSTONE testified as follows:
18	DIRECT EXAMINATION BY MR. WILLIAMS:
19	Q. Mr. Featherstone, did you cause to be
20	prepared and prefiled in this case testimony regarding the
21	issue that's before the Commission now, that being
22	Crossroads?
23	A. Yes. Yes, I did.
24	Q. And has that testimony is that portion
25	of the Staff cost of service report which has been marked

Page 917

- 1 for identification as Staff Exhibit 258, 259, I believe in
- 2 particular you address Crossroads issues on pages 73 to 84
- 3 of that report?
- 4 A. Yes.
- 5 Q. And then are your -- do you have any
- 6 changes to that report itself?
- 7 A. I have two changes that I know in my
- 8 rebuttal and surrebuttal.
- 9 Q. Well --
- 10 A. Not to this report.
- 11 Q. We'll get to that. Are your credentials
- 12 shown on Appendix 1 of the cost of service report at pages
- 13 21 to 33, and that's been marked for identification as
- 14 Staff Exhibit 260?
- 15 A. Yes, and I also have filed direct
- 16 testimony.
- 17 Q. And we'll get to that, too.
- 18 A. Okay.
- 19 Q. Do you have schedules that were included
- 20 with the cost of service report in Appendix 3 that's been
- 21 marked for identification as Staff Exhibit 262 and 263HC
- 22 in particular regarding the Crossroads issues Schedule
- 23 CGF-12, which is a joint operating agreement, CGF-13,
- 24 which is part of the Commission's Report and Order in
- 25 ER-2010-356, and CGF-14, which is a highly confidential

Page 918 data response by the company? 2 Α. Yes. 3 Q. And did you also cause to be prefiled rebuttal testimony that's been marked as Staff Exhibit 271 4 5 and 272HC addressing in particular Crossroads issues beginning on page 20? 6 7 Α. Yes. 8 And did you indicate earlier that you have a revision to that testimony before it would be your 10 testimony here today? Yes. At page 43, I failed to remove two 11 Α. 12 small words "do not" on line 11. And then on line 14, the contents on line 14 should be removed. 13 14 Q. Is any of that highly confidential 15 information? 16 Α. No. 17 Q. And then did you also cause to be prefiled surrebuttal testimony that's been marked for 18 identification as Staff Exhibits 292, 293HC that address 19 20 the Crossroads issues beginning on pages 60? 21 Α. Yes. 22 Q. And does that also include some schedules 23 that are related to Crossroads, I believe Schedules 19 24 through 24?

Fax: 314.644.1334

Α.

Yes.

Page 919 1 Q. And I believe I may have overlooked this 2 before. Did you also cause -- oh, did you have any 3 corrections to your surrebuttal testimony? I do. Page 119, there's a number, I guess 4 Α. 5 it's line zero, and it's under the column 2011, and there's a number that needs to be replaced. It's a highly 6 confidential number. 7 8 Q. And does that replacement show on what's been marked for identification as Exhibit 392HC? Does that reflect the correction? 10 11 Α. Yes. 12 Q. And did you also cause to be prefiled direct testimony that's been marked for identification as 13 14 Staff Exhibit 265? And if I'm repeating myself, I apologize, but I want to make sure I covered everything. 15 16 Is that my surrebuttal or schedules? Α. 17 Ο. It would be direct testimony. Oh, yes. The direct testimony, yes. 18 Α. 19 Q. And do you have any changes to that direct 20 testimony? 21 Α. No. 22 Q. And with the corrections you just provided 23 regarding your rebuttal and surrebuttal testimony, are 24 those portions identified regarding the Crossroads issues in Staff Exhibits 258, 259, the cost of service report, 25

Page 920

- Staff Exhibit 260 regarding the cost of service report
- 2 appendix, Staff Exhibits 262, 263, the cost of service
- 3 report Appendix 3, which includes the schedules identified
- 4 earlier, Staff Exhibit 271, 272, which is your rebuttal
- 5 testimony, Staff Exhibit 292, 293, your surrebuttal
- 6 testimony, and Staff Exhibit 265, your direct testimony,
- 7 again, with the corrections you identified here today, are
- 8 they your testimony on the Crossroads issue here today
- 9 before the Commission?
- 10 A. Yes.
- 11 Q. With that, I'll offer -- do you know if
- you're going to be testifying again later in this
- 13 proceeding?
- 14 A. I don't believe so.
- 15 Q. With that, I would offer -- and did you --
- are you the overall sponsor of the Commission's, the Staff
- 17 cost of service report?
- 18 A. Yes.
- MR. WILLIAMS: At this time I'd like to
- 20 offer Staff Exhibits 258, 259HC, 260, 262, 263HC, 271,
- 21 272HC, 292, 293HC and 265.
- JUDGE JORDAN: I'm not hearing any
- 23 objections.
- 24 MR. HATFIELD: Judge, the company objects
- 25 to the admission of Exhibits 258, 259, 271 and 272 to the

	Page 92
1	extent they contain an opinion of this witness on the
2	value of Crossroads, and we object to any other testimony
3	by this witness on the value of the Crossroads facility,
4	if your Honor would bear with me for just a minute.
5	The witness does not specify what standard
6	he's using to value the Crossroads facility. He's
7	required to do so under City of Kansas City versus
8	Habelitz, 857 SW 2d 299. If he does not specify the
9	standard he's using to provide evaluation, his testimony
10	is not admissible.
11	Moreover, to the extent he is using fair
12	market value as the basis, he is not using the correct
13	standard for fair market value. Fair market value is
14	legally defined in Missouri and is found at MAI 16.02, and
15	is also discussed in Peterson versus Continental Boiler
16	Works, 783 SW 2nd 896, which is a Missouri Supreme Court
17	Case in 1990. Since the witness is not using the correct
18	legal standard, his opinion is not admissible on the

- Second, there is no testimony in the record
- 21 that the witness is relying on facts normally relied upon
- 22 by experts in reaching the opinions he purports to give.
- 23 The evidence may not be admitted pursuant to 490.065,
- 24 RSMo. As your Honor knows, this section allows in
- 25 contested proceedings according to Healing Art versus

Fax: 314.644.1334

value.

Page 922 McDonagh, 123 SW 3rd 146, Missouri Supreme Court. 1 2 Finally, the witness does not testify that 3 his opinion as to the value of Crossroads is given within a reasonable degree of professional certainty. Without 4 5 testimony that the expert's opinion is within a reasonable degree of professional certainty, his testimony is mere 6 7 speculation and is not admissible, Baker versus Guzon, 950 SW 2d 635 and Sundermeyer versus SSM, 271 SW 3d 552. 8 9 So, your Honor, to the extent you admit the remainder of the exhibits, which we have no objection to, 10 11 I guess we would ask that you strike the testimony as to 12 the value of Crossroads because of the lack of foundation 13 and the fact that it's mere speculation on the part of the 14 witness. 15 JUDGE JORDAN: Staff? 16 MR. WILLIAMS: Judge, I think he's citing 17 you to the wrong standard. This witness is providing valuation for purposes of ratemaking, not for other types 18 of valuations, and I think it's clear that his credentials 19 20 show that he has the expertise to do that. 21 MR. WOODSMALL: Your Honor, and to supplement, I believe Mr. Featherstone's testimony is 22 clear that the standard he is applying is the exact 23 24 standard used by the Commission in the last case. He is not departing from the Commission's standard. He is 25

	Page 923
1	simply applying that standard. So I'm baffled. He's not
2	offering something different to the Commission.
3	JUDGE JORDAN: Anything else on this point?
4	MR. WILLIAMS: Well, I will echo
5	Mr. Woodsmall in that certainly the Commission is expert
6	on it, and Mr. Featherstone is following the same process
7	that the Commission did in doing the valuation.
8	MR. HATFIELD: Judge, to be clear
9	MR. CONRAD: I don't know. I guess since
10	we don't have a dog in the fight, I'll jump in. But I did
11	hear something. Mr. Hatfield made reference to MAI, and
12	it's been a long, long time, but my recollection is
13	Missouri approved instructions for jury trials, and now,
14	maybe I missed it here, but I don't see a jury. Now, if
15	counsel would like to try this case to a jury, I'm
16	certainly amenable to that, and we can probably find one
17	in the Kansas City area that would be happy to impanel a
18	jury and then we can deal with Missouri approved
19	instructions.
20	JUDGE JORDAN: Mr. Hatfield?
21	MR. HATFIELD: Just to clarify, your Honor,
22	we do not object to this witness' qualifications to offer
23	an expert opinion with the proper foundation. Our
24	objection is to the foundation.
25	JUDGE JORDAN: I'm going to overrule that

	Page 924
1	objection, and so those documents are admitted into the
2	record.
3	(STAFF EXHIBIT NOS. 258, 259HC, 260, 262,
4	263HC, 271, 272HC, 292, 293HC AND 265 WERE RECEIVED INTO
5	EVIDENCE.)
6	MR. WILLIAMS: Offer the witness for
7	examination by the parties.
8	JUDGE JORDAN: Cross-examination from
9	Dogwood Energy, LLC?
10	MR. LUMLEY: No, Judge.
11	JUDGE JORDAN: AARP?
12	MR. COFFMAN: No questions.
13	JUDGE JORDAN: Southern Union, doing
14	business as Missouri Gas Energy?
15	MR. JACOBS: No questions.
16	JUDGE JORDAN: Mr. Woodsmall?
17	MR. WOODSMALL: Yes, briefly, your Honor.
18	CROSS-EXAMINATION BY MR. WOODSMALL:
19	Q. Good afternoon, Mr. Featherstone.
20	A. Good afternoon.
21	MR. WILLIAMS: Judge, if I might?
22	JUDGE JORDAN: Yes, Counsel.
23	MR. WILLIAMS: I believe I overlooked the
24	correction page, 392. I know Mr. Featherstone mentioned
25	it, that it was with the corrections, but I think it would

	Page 925
1	be good for the record to go ahead and offer Exhibit 392HC
2	which reflects the correction before we go further, and I
3	apologize for not doing that earlier.
4	JUDGE JORDAN: Not hearing any objections,
5	that document is also admitted into evidence.
6	(STAFF EXHIBIT NO. 392HC WAS RECEIVED INTO
7	EVIDENCE.)
8	MR. WILLIAMS: Thank you.
9	JUDGE WOODRUFF: Mr. Woodsmall.
10	MR. WOODSMALL: Thank you, your Honor.
11	BY MR. WOODSMALL:
12	Q. Good afternoon, Mr. Featherstone.
13	A. Good afternoon.
14	Q. Would you agree that one of the issues to
15	be considered in this case is the appropriate amount of
16	deferred taxes to be used as an offset to the Crossroads
17	rate base?
18	A. Yes.
19	Q. And can you explain to me how you
20	calculated the deferred taxes?
21	A. That was really a company response to a
22	data request, and they provided the estimates or
23	projections of the deferred taxes associated with various,
24	I guess, scenarios or balances. And so we used the
25	balance that the in our initial filing that the

	Page 926
1	Commission ordered in the last case. And then for my
2	surrebuttal, I believe I put in the estimate for as of
3	August the 31st, 2012, and as it related to the
4	Commission-ordered value for Crossroads, which was, I
5	think, the \$61.8 million.
6	Q. So is it your belief that deferred taxes
7	should change depending on whether the value of Crossroads
8	changes?
9	A. Yeah. I've said that in my testimony, that
10	there is a direct linkage between the valuation of
11	Crossroads and the deferred tax balances.
12	Q. You believe deferred taxes flows
13	mathematically out of the Commission's valuation for
14	Crossroads; is that correct?
15	A. It starts out as a value, and then
16	there's there's calculations that are done, and the
17	company provided those. They provided the detail, the
18	amounts and the support for those calculations.
19	Q. You were the Staff's witness on that on
20	this issue in the last case, is that correct, on the
21	issues of Crossroads?
22	A. Yes.
23	Q. Do you recall the Commission addressing the
24	issue of deferred taxes in its order?
25	A. I do.

Page 927 1 Q. And do you recall GMO filing for 2 clarification slash rehearing on that issue? 3 I know there was a whole series of applications for rehearing and motions. 4 5 MR. WOODSMALL: May I approach the witness, your Honor? 6 7 JUDGE JORDAN: You may. BY MR. WOODSMALL: 8 9 Q. Handing you a document. I was wondering if you could identify that for me? 10 This appears to be the Commission Order of 11 Α. 12 Clarification and Modification that was issued May 27th, 2011. 13 14 Q. And you've read that document before? 15 Α. I have. 16 Q. Okay. Would you turn to page 2, and do you 17 see at the bottom a section regarding deferred taxes? 18 Α. Yeah. I've reviewed this portion of the 19 order. 20 Okay. Would you turn to page 3. The last Q. 21 paragraph in that section, would you read that into the 22 record, please. 23 MR. HATFIELD: Your Honor, I'm sorry for 24 interrupting. Hasn't your Honor taken judicial notice of 25 this order?

Page 928 MR. WILLIAMS: Official notice. 1 2 MR. HATFIELD: Official notice. My 3 apologies. In which case I object that this is redundant and repetitive. 4 5 MR. WOODSMALL: Okay. I will move on. I didn't know he'd taken official notice. 6 7 JUDGE JORDAN: Well, if I haven't already 8 and you'd like me to, I will. 9 MR. WILLIAMS: The judge did during my 10 opening. MR. WOODSMALL: Good. 11 12 MR. WILLIAMS: That was one of the two. BY MR. WOODSMALL: 13 14 Q. Would you go ahead and read that last paragraph, not into the record, just --15 16 MR. HATFIELD: Judge, if you want to 17 indulge him, but I thought you already ruled. MR. WOODSMALL: I'm going to ask him some 18 questions about it. I'm just giving him an opportunity to 19 read it to himself. 20 21 THE WITNESS: Okay. 22 BY MR. WOODSMALL: 23 Q. Would you agree there that the Commission 24 found that deferred taxes was part of their valuation for Crossroads? 25

	Page 929
1	MR. HATFIELD: Judge, I'm going to object
2	that it's either speculation on what the Commission found
3	or repetitive evidence. It is what it is. Object to the
4	question.
5	MR. WOODSMALL: I'm asking him for his
6	understanding.
7	MR. HATFIELD: Which is irrelevant.
8	JUDGE JORDAN: I'll overrule that
9	objection.
10	THE WITNESS: That's what the that's
11	what the Order of clarification said.
12	BY MR. WOODSMALL:
13	Q. Okay. So Staff's position that deferred
14	taxes should flow out of the value of Crossroads is
15	inconsistent with that prior Commission order?
16	A. I think it's it's inconsistent with that
17	paragraph and that ruling, but I think
18	Q. Thank you. Moving on, you have addressed
19	the issue of transmission costs associated with Crossroads
20	in this case, haven't you?
21	A. Yes.
22	Q. And what is Staff's position regarding
23	transmission expense for Crossroads?
24	A. That they should not be reflected in rates.
25	Q. Is it Staff's position anywhere that

Page 930 transmission should be priced as if Crossroads was in 2 Illinois? 3 Α. No. 4 Q. Given that the surrogate sale of Goose 5 Creek and Racoon Creek are in Illinois, can you explain to me why it would be inappropriate to price transmission as 6 7 if Crossroads was in Illinois? We presented to the Commission in the last 8 case, as we are in this case, and I don't believe that there was anywhere in the Commission order that that would 10 11 be contrary to this position, that we were using the 12 Racoon Greek/Goose Creek purchase by Ameren as a -- as a surrogate. It was a -- it was a valuation that was very 13 similar in nature to how we valued the South Harper 14 15 turbines that went into rate base in 2005 in the company's rate case. 16 17 We were not suggesting in any way, shape or form that we were looking to use the Racoon Creek/Goose 18 Creek power plant located in Illinois. We were just 19 simply looking at the values of turbines and the cost of 20 21 the power plant that would be reflective of the time 22 frame, both in terms of the nature of the capacity needed

Fax: 314,644,1334

Aries 500 megawatt capacity agreement that terminated

and the amount of capacity in terms of replacement of the

May 31, 2005.

23

24

1	Page 931
1	Q. Would you agree that the inclusion of any
2	transmission costs would affect Staff's belief as to the
3	appropriate value for Crossroads?
4	A. I've stated that in my surrebuttal, that if
5	the Commission wanted to reconsider some amount for
6	transmission costs, there would be a direct relationship
7	to the total valuation of the plant itself, the asset
8	value of the plant itself. The more transmission costs
9	that you would put into rates, then the less valuable or
10	the less the lesser amount that would be reflective or
11	should be reflective in rate base.
12	Q. Are you familiar with the fact that GMO
13	currently pays Entergy for transmission costs associated
14	with moving energy from Crossroads to Southwest Power
15	Pool?
16	A. Could you say that again?
17	Q. Are you aware of the fact that GMO pays
18	Entergy costs associated with transmitting energy from
19	Crossroads to the Southwest Power Pool?
20	A. Yes.
21	Q. Okay. And are you do you know whether
22	GMO or excuse me.
23	Are you familiar with the fact that Entergy
24	has made a request to join MISO?
25	A. There's been discussion about that the last

Page 932

- 1 several weeks.
- Q. Do you know, if Entergy is allowed to join
- 3 MISO, can you provide a comparison of MISO transmission
- 4 costs versus Entergy transmission costs?
- 5 A. I've seen some information that the amount
- 6 would go from like \$1.50 to like \$3 and some change in
- 7 terms of it would double.
- 8 MR. WOODSMALL: Okay. No further
- 9 questions, your Honor.
- 10 JUDGE JORDAN: Mr. Conrad, any questions
- 11 for this witness?
- MR. CONRAD: Just a couple, Judge.
- 13 CROSS-EXAMINATION BY MR. CONRAD:
- 14 Q. Mr. Featherstone, how long have you worked
- 15 for the Commission?
- 16 A. So long that it's a little embarrassing to
- 17 say. I started in, I believe, March of 1979.
- 18 Q. Excuse me. '79?
- 19 A. '79, yes, sir.
- Q. Was the -- were the members of the
- 21 Commission the same as they are now at that time?
- 22 A. Just as -- just as they represent five
- 23 Commissioners but not the same individuals, no.
- Q. Currently four, but statutorily five?
- 25 A. That's right.

Page 933 1 Q. They've just -- the Commissioners kind of 2 come and go; is that right? 3 Well, they're on a graduated term of six years in duration. 4 5 But you've been here since '79, right? Q. Α. I have been, yes. 7 MR. CONRAD: Thank you. That's all. 8 JUDGE JORDAN: Mr. Bartels, any cross? MR. BARTELS: No, thank you, your Honor. 10 JUDGE JORDAN: The Office of Public Counsel? 11 12 MR. MILLS: I have no questions. 13 you. 14 JUDGE JORDAN: GMO? 15 MR. HATFIELD: Yes, your Honor. If I could have just a moment to go to the podium. Thank you, Judge. 16 17 If it please the Commission? CROSS-EXAMINATION BY MR. HATFIELD: 18 19 Good afternoon, Mr. Featherstone. Q. 20 Good afternoon. Α. 21 I wanted to clarify a couple of things. 22 Were you here for openings earlier today? 23 I was. Α. Mr. Williams said that -- this is what I 24 Q. 25 understood -- that the Staff is not challenging whether

Page 934

- it's prudent to include some costs for Crossroads in rate
- base; is that correct?
- 3 A. That's correct. We have included the
- 4 Commission-determined values from the last case, with some
- 5 modifications.
- 6 Q. And so when Mr. Woodsmall in his opening
- 7 said that he didn't want this ragged hand-me-down passed
- 8 on to the ratepayers, you agree that some costs for this
- 9 ragged hand-me-down should be passed on to ratepayers?
- 10 A. Yes. We have reflected some value for
- 11 Crossroads in our rate base.
- 12 Q. So just to be clear, we're past prudence on
- 13 whether Crossroads is appropriate to provide power to
- 14 ratepayers?
- 15 A. We're past whether or not they should be
- 16 included in rate base.
- 17 . And what we're arguing about now is what
- 18 costs should be included in rate base?
- 19 A. Yes.
- 20 Q. And that's really all -- in terms of
- 21 Staff's testimony, that's really all you dispute about
- 22 GMO's case, correct?
- 23 A. Yes, with the caveat that the timing of
- 24 when those costs should have been incurred by the company
- 25 is very relevant.

Page 935 1 Q. Right. So in your testimony you talk a 2 little bit and you heard the opening statement a little 3 bit about Great Plains' purchase of Aquila and the purchase -- and Crossroads during that time period, correct? 5 Α. Yes. 7 There's not a bill of sale for Crossroads Q. 8 somewhere, is there? 9 Not to my knowledge. 10 Not a receipt for the amount that was paid Q. 11 by Great Plains for Crossroads? 12 I haven't asked for a receipt, nor have I 13 seen one. 14 Q. It comes down to trying to understand based 15 on the evidence we have available what the real value that 16 was paid, correct? 17 Α. Yes. 18 Q. And you disagree with the company's 19 position on what was paid? Well, I don't believe anyone would pay full 20 21 value, net book value for property that is where it's located, no. 22 23 Q. And so you believe that what was paid was 24 the amount that was listed in the preliminary proxy

Fax: 314.644.1334

statement; is that right?

	Page 936
1	A. Something much more akin to that value than
2	certainly net book value.
3	Q. And you've already said earlier what that
4	was, which was the proxy statement value was 50
5	A. 51.6 million.
6	Q. 51.6. Now, in your testimony that you
7	submitted to the Commission, you include several
8	references to various proxy statements that were filed by
9	GMO during the or I'm sorry, by Great Plains and Aquila
10	during the acquisition process, correct?
11	A. That's right.
12	Q. But you didn't include the whole proxy
13	statements in your testimony, did you?
14	A. They were several hundred pages. No.
15	Q. And you did not include the statements in
16	the proxy statement, for example, that the final
17	allocation of the purchase price will be based upon the
18	fair value on the date the merger is completed, did you?
19	A. No.
20	Q. But that is, in fact, in proxy statements
21	that were filed with the SEC?
22	A. Yes.
23	Q. Why did you not include the statements by
24	Great Plains that the fair value will be determined on the
25	date of the merger?

	Page 937
1	A. Well, the the valuation or the amount
2	that was going to be paid by Great Plains Energy was
3	determined through its due diligence process, and it was
4	much closer to the May '07 time frame and August of '07 as
5	well that provided for the 51.6 million. The check had
6	already been made, so to speak, when Pricewaterhouse did
7	its analysis. In the fall of '08, the transaction had
8	already occurred. What Pricewaterhouse was simply trying
9	to do was to move the money around, if you will, and
10	assign based upon what the purchase price was among the
11	various accounts and various assets, be they regulated or
12	non-regulated.
13	Q. And you're getting a little ahead of me,
14	but we'll go there. PricewaterhouseCoopers reached an
15	opinion that the fair market value for Crossroads was the
16	net book value, correct?
17	A. Slightly over.
18	Q. Slightly over the net book value. And you
19	don't in your testimony dispute that valuation, do you?
20	A. It didn't have any relevance. It didn't
21	have any meaning to me.
22	Q. Okay.
23	A. Based upon when it was down and why it was
24	done.
25	Q. Okay. So you're not challenging the

Page 938 methodology of Pricewaterhouse in reaching fair market 2 value, correct? 3 Α. Once they were given the information by the company that they were going to rate base Crossroads, then 4 5 the analysis was essentially over from Pricewaterhouse's perspective. 6 7 Now, how do you know what Pricewaterhouse Q. 8 thought? 9 Well, I've seen the documents. I know that the analysis would have been much different if they would 10 have said it's a stranded piece of investment that we're 11 12 going to scrap and move out of rate base or not include in 13 rate base. They had already made that determination. 14 Let's talk about that. So the 51.6 million Q. 15 was scrap, right? It was what was identified as the 16 Α. 17 disassembling of the plant and the selling it on the after market or at distressed values. 18 19 Q. So the value of Crossroads in those proxy 20 statement was 51.6 million disassembling and at scrap 21 value --22 Α. Yes. 23 Q. -- correct? 24 Now, I've got to go back just a little bit

because I took a digression. In including statements from

Fax: 314.644.1334

Page 939

- 1 the proxy statements filed by Great Plains, you also did
- 2 not include the proxy filing that said the pro forma
- 3 purchase allocation adjustments are preliminary and are
- 4 solely for the purpose of providing unaudited pro forma
- 5 condensed combined financial information and are subject
- 6 to revision. You didn't include that in your testimony,
- 7 did you?
- 8 A. No, I didn't.
- 9 Q. But you knew, you know now that those
- 10 statements are subject to revision, don't you?
- 11 A. I knew it at the time that I submitted the
- 12 testimony in the last case.
- 13 Q. Okay. But you --
- 14 A. Again, they didn't have any relevance or
- 15 meaning to me.
- 16 Q. Whether the valuations had been revised
- 17 later had no relevance or meaning to you?
- 18 A. The company had made a determination of
- 19 what properties and what assets it was going to purchase
- 20 from Aquila, Inc., and it did so July of '08. And so the
- 21 purchase price, if you will, of the assets that were being
- 22 acquired was made long in advance of the Pricewaterhouse
- 23 valuation or any of these other final determinations from
- 24 my point of view.
- 25 Q. The \$51.6 million was an estimate by Great

Page 940 Plains, an internal preliminary estimate of the amount 2 that they believed it was worth, correct? 3 I think it was Great Plains and was filed jointly along with Aquila. Aquila was still a standalone 4 5 entity, and it was a joint proxy statement. So it was both Aguila and Great Plains Energy who endorsed that 6 7 \$51.6 million. 8 Q. Do you have your testimony in front of you? 9 Α. I do. 10 Can you turn to your rebuttal testimony, Q. 11 page 30, please? 12 Α. You say rebuttal? 13 Q. Yes, sir. 14 Yes. Α. 15 Q. And this includes at least one of the proxy 16 statement -- statements that you say is relevant to the 17 analysis, correct? 18 Α. Right. 19 And in this analysis, when it says the Q. 20 adjustment was determined based on Great Plains Energy's

Fax: 314.644.1334

Crossroads power generating facility of approximately

estimates of fair value, based on estimates of proceeds

from sales to an unrelated party of similar capacity in

the current marketplace, the preliminary internal analysis

indicated a fair value estimate of Aquila's non-regulated

21

22

23

24

Page 941

- 1 51.6 million.
- 2 Based on that text, are you saying this was
- 3 also Aquila's determination?
- 4 A. Well, Aquila endorsed it because they filed
- 5 the same document. It was a joint proxy statement. So
- 6 they had to concur with the contents of the statement.
- 7 Q. The contents of the statement that Great
- 8 Plains had valued it at this moment?
- 9 A. Yes.
- 10 Q. Got you. What is your definition of fair
- 11 market value?
- 12 A. It is -- it is a value that willing buyers
- 13 and sellers who are generally regarded as unbiased and
- 14 aren't prejudiced that are willing to pay for a good or
- 15 service or piece of property. In this case, it was a
- 16 valuation of a power plant and a company.
- 17 O. So fair market value is not the value that
- one party assigns to an asset, correct?
- 19 A. Well, I think it's a negotiation, and it's
- 20 a give and take through various, various transactions.
- 21 This transaction was announced in February of '07 and was
- 22 completed in July '08. So a lot of things happened.
- Q. So when I'm going to sell my house, if
- 24 we're trying to determine fair market value for my house,
- 25 the question is how much am I willing to sell it for, how

Page 942 much are you willing to buy it for, right? 2 Α. Right. That's how we determine fair market value? 3 Ο. Α. Yes. 5 And my own statement that my house is worth Q. half a million dollars doesn't really having any bearing 6 7 on fair market value if you're not willing to pay half a

- 8 million dollars, right?
- 9 A. If it has -- well, it depends. If you
- 10 believe it's a half million dollars and I don't, you may
- 11 say I'm going to wait to find somebody that will buy it
- 12 for half a million dollars.
- 13 Q. Right. So my opinion on my value has no
- 14 bearing on the fair market value definition that you
- described earlier, correct?
- 16 A. I think in the instance of sending a
- 17 message or identifying to the investors of Aquila and
- 18 Great Plains Energy and filed as a joint proxy statement
- 19 file with the Securities and Exchange Commission
- 20 documents, and that process, this is -- this is not just a
- 21 number that was -- that was pulled out of thin air. It
- 22 had a value. It had a process that went through and how
- 23 it was determined, and so they felt that that was the
- 24 value of the property at the time.
- 25 Q. Tell me where in your testimony you

Page 943

- describe the process that was used to determine the
- 2 \$51.6 million value.
- 3 A. I don't.
- 4 Q. Okay. Thank you. On page 27 of your
- 5 rebuttal testimony, line 9, you say the best evidence of
- 6 the original cost of Crossroads is Great Plains'
- 7 disclosure to the Securities and Exchange Commission, its
- 8 investors and the public at large by its SEC filing that
- 9 identified the fair market value of Crossroads at the date
- of acquisition at \$51.6 million.
- 11 Why has Staff not used \$51.6 million as its
- 12 valuation number in cost of service?
- 13 A. As I testified in the last case, it was my
- 14 view that that number was a little bit low, and so the --
- 15 the valuation that we determined was in the -- was more
- 16 proper valuation was the recent sales of the similar
- 17 turbines, similar structure, similar power plant site in
- 18 Illinois called Racoon Creek and Goose Creek.
- 19 Q. So I guess my point is this: You've got
- 20 several pages of testimony about the SEC statements and
- 21 the \$51.6 million value, but it is not your testimony that
- 22 the fair market value of Crossroads is 51.6 million, is
- 23 it?
- 24 A. I think that's -- it's -- that's what we're
- 25 here to discuss today.

	Page 944
1	Q. Well, what's Staff's position, though?
2	What's Staff's position?
3	A. Right now our position, and has been and is
4	today, is that we should stay with the Commission's
5	ordered value of the 61, I think it's \$61.2 million.
6	Q. Not the 51.6?
7	A. Not the 51.6.
8	Q. Got you.
9	A. However, I state in my testimony, and I try
10	to be very clear about this, that if the Commission were
11	to look at increasing the cost of the power plant to the
12	ratepayers by bringing in the transmission costs
13	associated with the Mississippi plant, then they should
14	reconsider that valuation.
15	Q. Tell me about that. So what you're saying
16	is, you're testifying that the fair market value of
17	Crossroads is 61 sorry. What is it again?
18	A. I think it's 61.8 million.
19	Q. \$61.8 million.
20	A. It has changed, however.
21	Q. But the fair market value well, do you
22	agree with Mr. Woodsmall's opening that the legal task
23	that you're about as a testifying witness is to determine
24	fair market value?
25	A. I think my role is to present what I

Page 945 believe to be evidence to the Commission, and they will 2 determine what they think is the value of the plant. 3 And are you asking them to determine the fair market value of the plant? 4 The amount that they determined in the last 5 Α. case, fair market value, if you will, the amount they 6 7 determined in the last case was what we recommended and what they adopted. 8 9 Q. Well, since you put it that way, let me ask 10 you this, and since you commented on the previous ruling. You said if I want to call it fair market value. What do 11 12 you call it? Did you Commission determine fair market 13 value in the last case? 14 I think what the Commission determined was Α. its ratemaking value that it should be placed in service, 15 in public service and put in rate base and then ultimately 16 17 set rates on the valuation. 18 Q. And you're drawing -- or are you drawing a distinction between fair market value and ratemaking 19 20 value? 21 Α. No. 22 Q. Sounds like you are? 23 Α. No. 24 You're not? Q. 25 No. Α.

ī	
	Page 94
1	Q. So when I say did the Commission determine
2	fair market value, what's your answer?
3	A. It is yes, with a caveat that if it was
4	based upon the entirety of the presentation, very it
5	was very critical that we don't include the transmission
6	cost. That has a bearing on what the valuation of the
7	plant is.
8	Q. That's where I want to go. So transmission cost
9	does have a bearing on what the valuation of a plant is?
10	A. Sure.
11	Q. And has a bearing on what the valuation of
12	Crossroads is?
13	A. Absolutely.
14	Q. And has a bearing on what the value of
15	Racoon Creek is?
16	A. I think the GMO witness Mr. Blunk said
17	Q. I think that was a yes or no question.
18	A. Yes.
19	Q. Thank you. Transmission cost has a bearing
20	on the value of any facility, correct?
21	A. It does.
22	Q. Now, the value of a plant, an electrical
23	generating plant might be different based on where the

Fax: 314.644.1334

plant's located, correct?

Yes.

Α.

24

Page 947
Q. And it might be different based on who the

purchaser is, correct?

1

- 3 A. Well, I think of it in the facts that we
- 4 have at hand, and --
- 5 Q. Well, let's --
- 6 A. -- it's a regulated utility. It has a
- 7 definite bearing on how they would value the plant.
- 8 Q. Where it's located?
- 9 A. Where it's located.
- 10 Q. So, for example, a facility located in
- 11 California might have a different value to a regulated
- 12 facility -- regulated utility in California than it does
- 13 to a regulated utility in New York?
- 14 A. I would think so.
- 15 Q. Because it's going to cost a lot to get the
- 16 electricity from California back to New York?
- 17 A. I would think so.
- 18 Q. And those transmission costs should be
- 19 considered in value?
- 20 A. Yes.
- 21 Q. All right. And so did you reach the fair
- 22 market value of \$61.5 million without considering
- 23 transmission costs at all?
- A. That was our position in the last case, so
- 25 the answer would be yes.

Page 948

- Q. Okay. And in this case, did you reach that
- value without transmission costs?
- 3 A. We have the same position. We have now the
- 4 position that was adopted by the Commission.
- 5 Q. And do the costs to bring fuel to a natural
- 6 gas powered utility affect the fair market value?
- 7 A. I think all the costs and its location and
- 8 the difficulties or not difficulties would have that --
- 9 would have a bearing on the valuation of a plant.
- 10 Q. So when you recommend that the Commission
- 11 decrease the fair market value by transmission costs if it
- 12 allows transmission costs, do you also recommend that the
- 13 Commission increase the value if there are additional fuel
- 14 costs -- I'm sorry, if there are fuel cost savings?
- 15 A. Well, if there were fuel cost savings, you
- 16 know, you'd have to take that into consideration.
- 17 Q. In order to determine fair market value,
- 18 just to be sure we're on the same page, you'd have to
- 19 consider the cost of fuel transportation?
- 20 A. You would have to consider the total cost
- 21 of the plant.
- 22 Q. Right.
- A. We're not saying the same savings and the
- 24 same value of the price of gas that the company witnesses
- 25 are representing.

Page 949 1 Q. I'm not talking about price of gas. 2 asked about transportation cost of gas. Your answer 3 may be the same. I just want to be clear. You agree there are different transportation costs, transportation 5 costs -- let me start again. 6 Transportation costs are a different item 7 than the cost of the fuel, correct? 8 Α. Yes. 9 Q. All right. Let me just ask you about 10 Raccoon. So your opinion is based on the Commission's 11 previous order, right? 12 Α. Yes. 13 Q. And that order you say is based on Racoon 14 and Goose Creek, correct? 15 Α. Yes. 16 Q. So in reaching a fair market value for 17 Racoon and Goose Creek, you don't think we should consider transmission costs, correct? 18 19 That's correct. Α. 20 And you don't think we should consider gas Q. 21 transportation costs? 22 I think that the -- no. Α. 23 Q. Okay. Okay. Let me ask you --MR. HATFIELD: Judge, I'm just going to 24

show him a page of testimony. So unless somebody objects,

Fax: 314.644.1334

Page 950 I wasn't going to offer it as an exhibit. 2 MR. WILLIAMS: Which testimony are you 3 talking about? MR. HATFIELD: The testimony I'm getting 4 5 ready to show him. BY MR. HATFIELD: 7 I'm going to just show you, you're familiar Q. 8 with Burton Crawford's testimony in this case? Α. I am. 10 And you've reviewed that, correct? Q. I have. 11 Α. 12 And are you familiar with a chart he made Q. 13 on page 7 of his surrebuttal testimony? Let me just show 14 it to you here. 15 MR. WOODSMALL: Did you say page 7 of his surrebuttal? 16 17 MR. HATFIELD: Did I get that wrong? It's page 7 of maybe rebuttal. Sorry. 18 19 BY MR. HATFIELD: 20 Have you seen this chart that I've just Q. 21 showed you before? I have, but it's got some -- something odd 22 in the middle of the table. 23 24 Q. Correct. I'm showing you --25 Α. I'm not sure what this is.

Page 951 1 Q. I'm showing you numbers that have 2 blacked-out HC numbers. We can go HC, but I'd rather not. 3 Α. Was this his -- was this his --MR. WOODSMALL: I don't believe it was 4 5 labeled HC. 6 THE WITNESS: Was this rebuttal or 7 surrebuttal? MR. WOODSMALL: It's his rebuttal. 8 9 MR. HATFIELD: These numbers are labeled HC on the page immediately before, I think. 10 BY MR. HATFIELD: 11 12 Q. At any rate, if there's no objection, are 13 you familiar with this table? 14 I'm familiar with the table he has at page 7 of his testimony, not that table. 15 16 Q. Okay. 17 Α. This table that I'm looking at isn't HC.

- 18 Q. Got you. Well, let me just ask you about
- 19 his testimony, then --
- 20 A. Okay.
- 21 Q. -- rather than what you have in
- 22 front of you. Did you understand from Mr. Crawford's
- 23 testimony that he testified that in order to build a new
- 24 300 megawatt plant at a GMO site would cost \$28.5 million?
- 25 Is that the way you read his testimony?

Page 952 Α. 1 No. 2 Let me ask you this way then: Do you Q. 3 disagree with Mr. Burton's testimony that the cost of a plant at a GMO site, a 300 megawatt plant would be 4 5 \$28.5 million? 6 Could you say that again? Α. 7 Do you disagree with Mr. Crawford's 8 testimony that the cost of a plant at a GMO site would be -- a 300 megawatt plant would be \$28.5 million? Do you 10 agree or disagree with that testimony? I don't -- I don't believe that you could 11 Α. 12 build a 300 megawatt plant at a GMO site for \$28 million. Sounds like you think it would be more. 13 Q. 14 It would be substantially more, I would Α. 15 think. 16 Q. It would be substantially more than 17 28.5 million? 18 Α. The problem is that his table --19 Q. I'm not asking about the table right now 20 because you don't like my table. We're just asking about 21 the testimony. You asked me about the table and you asked 22 me about \$28.5. It just says \$28 and .5. It doesn't say 23 28 million. 24

So what would be the revenue requirement on

Fax: 314.644.1334

Q.

25

Page 953 a plant built at GMO? He actually has testimony 2 elsewhere, but we won't talk about that. 3 Okay. What he says on page 6 --4 Q. I'm asking you what the revenue requirement 5 would be. Do you have testimony on what the revenue requirement would be to build a 300 megawatt plant at a 6 7 GMO site? 8 Α. No. 9 Q. So you don't disagree with his testimony on that issue, correct? 10 11 Well, if you let me look at page 6, which Α. 12 is the lead-in to the table, it says, the following table 13 compares the annual revenue requirement for, and then it gives like four or five different scenarios, one of which 14 15 is D, the estimated cost if a 300 megawatt facility had been built in the GMO service area based on GMO's 16 17 evaluation of capacity additions at the time Crossroads was being --18 19 Q. My question is simply whether you provided 20 any testimony to disagree with the annual revenue 21 requirement that he testified to for building a 22 300 megawatt plant on a GMO site? 23 MR. CONRAD: Judge, I'm sorry. I may not 24 be the sharpest pencil in the drawer, but are we talking

Fax: 314.644.1334

about annual revenue requirement or are we talking about

25

Page 954 the cost to build a plant? 2 MR. HATFIELD: Judge, if there's no 3 objection, I'll proceed with questioning. MR. CONRAD: I'm inquiring what your 4 5 question is, Counsel. 6 JUDGE JORDAN: Repeat the question. 7 MR. HATFIELD: Right. We're -- I believe 8 that I asked -- could we just have the court reporter read it back. That way I'll make sure we have it. 10 THE REPORTER: "Question: My question is 11 simply whether you provided any testimony to disagree with 12 the annual revenue requirement that he testified to for building a 300 megawatt plant on a GMO site?" 13 14 MR. HATFIELD: Yeah. That's the question I meant to ask, your Honor. 15 16 THE WITNESS: The difficulty I'm having 17 with the question I did not provide is when you want me compare it to this analysis, and I don't know what this 18 19 analysis is. BY MR. HATFIELD: 20 21 Now, Mr. Crawford also Okay. Thank you. 22 provided some testimony about what the firm gas transportation costs would be for a 300 megawatt plant at 23 a GMO site, right? 24 25 It was Mr. Crawford or Mr. Blunk. I can't

Page 955

- 1 remember which.
- Q. Right. And did you provide -- you didn't
- 3 disagree with his testimony about the cost of firm gas
- 4 transportation, correct?
- 5 A. Well, I did. I said that those costs
- 6 were -- they were speculative, they were estimates, they
- 7 were projections, and they were not --
- 8 Q. You referred to them as useful, correct?
- 9 You referred to those gas transportation costs as useful
- in your testimony?
- 11 A. If you've got a citation in my testimony
- 12 where I say that.
- 13 Q. Well, if you recall. If you don't recall
- 14 referring to these as useful but for planning purposes,
- 15 that's okay.
- 16 A. I do recall saying that they were useful
- 17 for planning purposes.
- 18 Q. Very well. So the gas transportation costs
- 19 Mr. Crawford testified to are useful for planning
- 20 purposes, correct?
- 21 A. Yes.
- 22 Q. And you don't provide any alternative
- 23 testimony as to the gas transportation costs for any of
- 24 the facilities discussed in your testimony, do you?
- 25 A. No.

Page 956

- 1 Q. All right. Let's talk about transmission
- 2 costs for just a moment to make our record very clear.
- 3 The transmission costs, are we on the same page, refer to
- 4 the cost to get electricity from Crossroads up to GMO? Is
- 5 that the way you use that?
- 6 A. That's how I would use the term
- 7 transmission costs.
- 8 Q. And you agree that the transmission costs
- 9 the company is requesting were actually incurred
- 10 transmission costs, correct?
- 11 A. Yes.
- 12 Q. All right. Now, you testify that utilities
- 13 simply don't put power plants where the customers are not
- 14 located. So is it Staff's position that you should never
- 15 put a power plant outside of territory?
- 16 A. I think there are circumstances where you
- 17 would do so.
- 18 Q. For example, if it saved the ratepayers to
- 19 put the facility outside of territory?
- 20 A. Well, I'm thinking of the example
- 21 Mr. Crawford used earlier of Kansas City is not noted for
- 22 its -- its wind. So in order to have wind energy, they've
- 23 had to go out to western Kansas, which is one of the
- 24 places that is thought to be very good for wind.
- 25 Q. Should a utility place a power plant

	Page 957
1	outside of the service area if it represents the lowest
2	cost to the ratepayers for that electricity?
3	A. If it could be demonstrated that it would
4	represent the lowest cost, yes. That's not the case with
5	Crossroads, however.
6	MR. HATFIELD: I have a question, Judge,
7	about the exhibit that was marked as the correction,
8	Exhibit No
9	MR. MILLS: 392.
10	MR. HATFIELD: 392, which is an HC
11	exhibit. I saved it for the end because I would like to
12	discuss some of the numbers HC.
13	JUDGE JORDAN: Okay. So we will be giving
14	testimony as to highly confidential information; is that
15	correct?
16	MR. HATFIELD: Correct, your Honor.
17	JUDGE JORDAN: Then we need to go
18	in-camera.
19	(REPORTER'S NOTE: At this point, an
20	in-camera session was held, which is contained in
21	Volume 20, pages 958 through 963 of the transcript.)
22	
23	
24	
25	

	Page 964
1	JUDGE JORDAN: Redirect from Staff?
2	MR. WILLIAMS: Thank you, Judge.
3	REDIRECT EXAMINATION BY MR. WILLIAMS:
4	Q. Mr. Featherstone, do you recall receiving
5	some questions discussing fair market or regarding fair
6	market value and willing buyers and willing sellers?
7	A. Yes.
8	Q. And in connection with the Crossroads
9	generating station, are you aware if there were ever any
10	willing buyers and any willing sellers regarding
11	Crossroads?
12	A. Well, there definitely was a willing
13	seller. Unfortunately, there were no takers. There was
14	no willing buyer.
15	Q. And what implications would that have for
16	the fair market value at Crossroads?
17	A. It would be distressed property, and it
18	would have a considerably lesser value than its net book
19	value, its purchased price value. And I would hesitate to
20	say that's not original cost value. It's purchased price
21	value.
22	Q. Do transportation and transmission costs,
23	are they fixed over the life of a plant or may they vary?
24	A. They vary, and the transportation
25	transmission costs can vary substantially. And what we

Page 965 have seen is an increase, a significant increase in 2 transmission costs, primarily a projection of increases 3 that are substantial. There's been a gradual increase in transmission costs over the last several years, but there 4 5 are projections and estimates that those costs will increase dramatically over and above existing levels. 6 7 Q. You spoke to transmission costs in 8 particular. What about with regard to transportation costs? 10 Transportation costs have been -- those are Α. 11 paid in sort of longer-term contract agreements, if you 12 will, with the -- the transportation costs are not just the costs to physically transport the gas to the facility, 13 but they have to do with upgrades and whether or not 14 you -- you've built capacity pipelines to the facility, 15 whether or not we have increases in capacity. 16 17 And the transportation costs, usually they are done on a monthly or annual basis. Those are ways for 18 pipeline companies to have the -- in this case the utility 19 20 pays for those upgrades and those increases in capacity. 21 Do you recall Mr. Woodsmall asked you some 22 questions regarding Staff's position on accumulated 23 deferred income tax associated with Crossroads and the Commission's Order of Clarification and Modification in 24

KCPL Greater Missouri Operations Company's last rate case?

Fax: 314.644.1334

25

Page 966 Α. 1 Yes. 2 Would you elaborate a bit on how the Q. 3 Commission or the Staff's position is consistent or inconsistent with that order? 4 5 Α. Well, I hesitate to elaborate too much in that we would be too far afield from Commission order in 6 7 terms of --8 MR. HATFIELD: Judge, I'm sorry to interrupt. I'm going to take you up on your invitation in the initial scheduling order and object that this question 10 calls for a narrative, would you please elaborate on. 11 12 JUDGE JORDAN: Will you rephrase your 13 question? 14 BY MR. WILLIAMS: 15 As I recall, you testified that Staff's treatment of accumulated deferred income tax was 16 17 consistent with the Commission's Order of Clarification and Modification. Would you explain how? 18 19 Α. The Commission order in the last case specifically identified a dollar amount. It was the full 20 21 deferred income tax amount that -- that was -- the taxes were created, deferred taxes were created since the 22 inception of the plant back in 2002. The Staff included 23 because it wanted to stay consistent with the Commission 24 We didn't want to stray too far apart, we didn't 25 order.

	Page 967
1	want to get too far removed from the Commission order in
2	our initial filing in this case where we used that value
3	or close to that value was an updated amount.
4	But we said that we wanted to discuss with
5	the parties to find a way, if we could, to look at what
6	the true value for deferred taxes should be in
7	relationship to the Commission looking at the Racoon and
8	Goose Creek values, what it determined to be the
9	appropriate value to put in rates.
10	The deferred taxes, the full amount was
11	associated with a net book value, and if you start with a
12	lower valuation of the plant, then those deferred taxes
13	should be reduced. And what I have said in testimony,
14	that whatever value is determined by the Commission in
15	this case should should determine the deferred income
16	tax, the accumulated deferred income tax balances.
17	MR. WILLIAMS: No further questions.
18	JUDGE JORDAN: That concludes your
19	examination. You may stand down.
20	THE WITNESS: Thank you.
21	JUDGE JORDAN: I see we are past 20 minutes
22	after four, and so I'll ask the parties whether they have
23	any preference as to when to break for dinner, and it
24	looks like if we adhere to the schedule of witnesses that
25	we have, we'll be going well past five o'clock. Does that

Page 968 look accurate to the parties? 2 MR. FISCHER: Judge, I think at a minimum 3 we'd like to finish this particular issue. I think our cross will be very limited, if any, for the Staff witness, 4 5 the next Staff witness. 6 JUDGE JORDAN: And then we also have --7 MR. MILLS: Mr. Meyer. 8 JUDGE JORDAN: -- Mr. Meyer. 9 MR. WOODSMALL: I would proceed to move on, at least finish these two witnesses. 10 JUDGE JORDAN: Okay. And then we can 11 12 decide whether we want to continue after that. And I will 13 note also for those who do not have access to EFIS right now the filing of a Nonunanimous Stipulation & Agreement 14 15 regarding class cost of service and rate design. Do I understand that there is some opposition to that 16 17 stipulation from OPC, AARP and the Consumers Council of 18 Missouri? MR. MILLS: Judge, as I understand it, 19 20 there have been two Nonunanimous Stipulation & Agreements 21 filed, one in 174 and one in 175. JUDGE JORDAN: That is correct. 22 23 MR. MILLS: We do not object to the one 24 that was filed in 0175. We do object to the one that was filed in 0174, and I will have perhaps five minutes of 25

Page 969 cross-examination for each of two witnesses with respect 2 to that case, and that's the size of it. 3 JUDGE JORDAN: Okay. And would someone like to update me on MEEIA issues? For our reporter's 4 understanding, I just want to make sure, that is an 5 6 acronym M-E-E-I-A, MEEIA. 7 MR. WOODSMALL: The last e-mail I saw, the 8 stipulation was being sent around and asking for parties to indicate support. Do you have any update on MEEIA? 10 MR. FISCHER: MEEIA? 11 MR. MILLS: Judge, I can tell you from 12 Public Counsel's perspective, we found an error earlier this afternoon that has been corrected. I believe there 13 is a draft that corrects the last error, and as far as I 14 know, everyone is okay with it and it's simply a matter of 15 getting it finalized and filed. 16 17 JUDGE JORDAN: Thank you for the update. 18 MR. FISCHER: That was the last information I had, too, Judge. 19 20 JUDGE JORDAN: Thank you. Anything else 21 before we continue with our next witness? Hearing 22 nothing. 23 Please raise your right hand. 24 (Witness sworn.) LENA MANTLE testified as follows: 25

Page 970

- 1 DIRECT EXAMINATION BY MR. WILLIAMS:
- Q. Would you please state your name.
- 3 A. Lena M. Mantle.
- 4 Q. And, Ms. Mantle, are you the same person
- 5 who caused to be filed portions of the Staff cost of
- 6 service report that's been marked as Staff Exhibits 258
- 7 and 259HC and are your credentials listed in the
- 8 Appendix 1 to that report which has been marked as Staff
- 9 Exhibit 260, and did you also cause to be filed prefiled
- 10 rebuttal testimony that has been marked as Staff
- 11 Exhibit 282?
- 12 A. Yes.
- 13 Q. And would you have any changes to Staff
- 14 Exhibit 258, 259, Staff Exhibit 260 or Staff Exhibit 282
- 15 regarding your portions of them for your testimony here
- 16 today?
- 17 A. I have no changes.
- 18 MR. WILLIAMS: With that, Staff offers, and
- 19 I believe it's already been admitted into the record, but
- 20 Staff Exhibit 258, 259, Staff Exhibit 260 and Staff
- 21 Exhibit 282.
- 22 MR. HATFIELD: Has that already been
- 23 admitted, Judge?
- JUDGE JORDAN: I don't have that right in
- 25 front of me. Go ahead. Do you have an objection?

	Page 971
1	MR. HATFIELD: We do. On the rebuttal
2	testimony, page 1, lines 26 through 28 continuing through
3	page 2, line 3, Ms. Mantle testifies to evaluation for the
4	plants. I will not repeat my previous objection if it's
5	all right with your Honor. We have the same objection
6	regarding foundation and lack of testimony within a
7	reasonable degree of professional certainty.
8	JUDGE JORDAN: I understand that objection,
9	and I will overrule it as to this exhibit also. And if
10	they haven't been hearing no other objections, if they
11	haven't been admitted already, they are now.
12	(STAFF EXHIBIT NOS. 258, 259, 260 AND 282
13	WERE RECEIVED INTO EVIDENCE.)
14	MR. WILLIAMS: Thank you, Judge. I offer
15	Ms. Mantle for examination.
16	JUDGE JORDAN: Cross-examination from
17	Dogwood Energy, LLC?
18	MR. LUMLEY: No questions.
19	JUDGE JORDAN: Thank you. Mr. Coffman is
20	absent. So I will go to Southern Union Company.
21	MR. JACOBS: No questions.
22	JUDGE JORDAN: Mr. Woodsmall, any
23	questions?
24	MR. WOODSMALL: No questions. Thank you.
25	JUDGE JORDAN: Mr. Conrad?

	Page 972
1	MR. CONRAD: No questions, Judge. Thank
2	you.
3	JUDGE JORDAN: Any questions from GMO?
4	MR. HATFIELD: No questions, Judge. Thank
5	you.
6	JUDGE JORDAN: Any questions from the
7	Bench?
8	COMMISSIONER JARRETT: No.
9	COMMISSIONER KENNEY: No questions. Thank
10	you.
11	JUDGE JORDAN: I have no questions either,
12	which means that your examination is complete. Next
13	witness.
14	MR. WOODSMALL: Your Honor, MECG would call
15	Greg Meyer, and he has not testified yet. I believe he's
16	ready to be sworn.
17	JUDGE JORDAN: Thank you.
18	(Witness sworn.)
19	MR. WOODSMALL: Thank you, your Honor.
20	GREG MEYER testified as follows:
21	DIRECT EXAMINATION BY MR. WOODSMALL:
22	Q. Would you state your name for the record,
23	please.
24	A. Greg Meyer.
25	Q. By who are you employed and in what

	Page 973
1	capacity?
2	A. I'm a consultant for Brubaker & Associates,
3	Inc.
4	Q. Did you cause to be filed in Case
5	No. ER-2012-0174, the KCPL case, what has been marked as
6	Exhibits 400, direct testimony, and 401, surrebuttal
7	testimony?
8	A. Yes, I did.
9	Q. Do you have any corrections to make to
10	those pieces of testimony?
11	A. Yes. In the surrebuttal on page 13,
12	compliance
13	Q. Could you tell me what issue this concerns?
14	A. This is the property tax tracker.
15	Q. Please do.
16	A. Starting on line 3 through line 6, the
17	sentence that starts "in fact," I would delete the rest of
18	that answer. So it's I would delete "in fact, KCPL's
19	response to MECG Data Request 23.3 indicates that KCPL's
20	budgeted level of capital expenditures is decreasing. As
21	such, the incremental amount of property taxes should also
22	be decreasing. Needed to delete that.
23	Q. Thank you. And did you cause to be filed
24	in Case No. ER-2012-0175, the GMO case, what has been
25	marked as Exhibit 425, direct testimony, and 426,

Page 974 surrebuttal testimony? 2 Α. Yes. 3 Ο. Do you have any changes to make to either of those pieces of testimony? Yes, I do. On page 17, line 16 --5 Α. Which piece of testimony? Q. 7 Α. Direct. 8 Q. The 2007 should be 2008. And page 18, line 10, again, 2007 should be 2008. With those changes, corrections, if I were 10 Q. 11 to ask you the same questions that are contained therein, 12 if I were to ask you those questions today, would your answers be the same? 13 14 Α. Yes. 15 Q. And are those answers true and correct to the best of your knowledge, information and belief? 16 17 Α. Yes. 18 MR. WOODSMALL: With that, your Honor, I'd move for -- this is the last time Mr. Meyer will be taking 19 the stand. I'd move for the admission of Exhibit 400 and 20 21 401 in the 174 case, 425 and 426 in the 175 case. JUDGE JORDAN: Hearing no objections, those 22 exhibits are admitted into the record. 23 (MECG EXHIBIT NO. 400, 401, 425 AND 426 24 WERE RECEIVED INTO EVIDENCE.) 25

	Page 975
1	MR. WOODSMALL: Tender the witness for
2	cross-examination.
3	JUDGE JORDAN: Cross-examination from
4	Dogwood?
5	MR. LUMLEY: No, Judge.
6	JUDGE JORDAN: Mr. Conrad, any
7	cross-examination from Praxair?
8	MR. CONRAD: In GMO, your Honor, I believe
9	we're jointly sponsoring this witness, so I don't think
10	cross would be appropriate, although I'll do it if you
11	like.
12	JUDGE JORDAN: Office of Public Counsel?
13	MR. MILLS: No questions.
14	JUDGE JORDAN: Staff?
15	MR. WILLIAMS: No questions.
16	JUDGE JORDAN: Southern Union Company?
17	MR. JACOBS: No questions.
18	JUDGE JORDAN: Utilities?
19	MR. HATFIELD: No questions.
20	JUDGE JORDAN: Questions from the Bench for
21	this witness?
22	COMMISSIONER JARRETT: No questions.
23	COMMISSIONER KENNEY: No, thank you.
24	JUDGE JORDAN: I have no questions for you,
25	so that completes your examination. You may stand down.

	Page 976
1	That completes the that completes the
2	list of witnesses for the Crossroads issue, and I believe
3	our next issue is the matter of rate design class cost of
4	service.
5	MR. WOODSMALL: Your Honor, asking for a
6	little indulgence here to try to help some witnesses and
7	get some people out of here if they want, one of the first
8	witnesses to go up, the first witness on this list anyway,
9	Mr. Rush, and I'm thinking he's probably going to have
10	maybe some cross-examination from MGE. There are some
11	other witnesses like Mr. Normand that we could probably
12	put up, Mr. Johnstone, get them up and off, given the
13	statements I've heard from the other parties. So if we
14	could take witnesses out of order, if people want to do
15	that, I think we can get some people out of here.
16	JUDGE JORDAN: I do not have a problem with
17	that.
18	MR. FISCHER: Judge, we were going to call
19	Paul Normand first as our first witness anyway, so we can
20	do that, too.
21	JUDGE JORDAN: Okay. Well, the utility
22	witnesses are first on my list. I have Mr. Rush and
23	Mr. Normand. Whichever one you want to call first is
24	fine. Do I take it do I take it that we'll keep the
25	same list as far as the sequence of the parties, just so I

Page 977

- 1 have an idea of how it's going to go?
- 2 MR. MILLS: Judge, given the fact that the
- 3 two Stipulation & Agreements have been filed, it may be
- 4 more helpful to have the parties identify the witnesses
- 5 for whom they do have questions, because I have a feeling
- 6 there are going to be some witnesses for whom there are no
- 7 questions.
- 8 JUDGE JORDAN: Let's take ten and put that
- 9 together. The parties can discuss who they want to --
- 10 intend to cross and how much, and then we'll come back on
- 11 the record in ten minutes.
- 12 (A BREAK WAS TAKEN.)
- JUDGE JORDAN: I'm unmuting now, and we're
- 14 back on the record, and now let's have an update as to the
- 15 rest of today's schedule, if we may.
- 16 MR. FISCHER: Judge, I'd be happy to give
- 17 you that. We've had conversations among counsel, and I
- 18 believe there -- on the rate design/rate structure issues,
- 19 there are four witnesses that have some cross. That would
- 20 be Paul Normand, Tim Rush, Mike Scheperle and Jay
- 21 Cummings. The remainder could be stipulated into the
- 22 record. We wouldn't have to call those witnesses. There
- 23 are also some opening statements, I believe.
- 24 JUDGE JORDAN: All right. I am not seeing
- 25 any head shakes or hearing any objections to that, so

1	Page 978
1	that's how we will proceed. Why don't we can we take
2	care of the stipulated testimony first, the exhibits, and
3	we can start with well, we can just go down the order
4	of the witness list. First would be Mr. Brubaker.
5	MR. WOODSMALL: Your Honor, Mr. Brubaker
6	filed, let's see, six pieces of testimony: Exhibit 406,
7	direct in the 174 case; 407, his rebuttal in that case;
8	and 408, his surrebuttal in that case; as well as 431,
9	revised direct in the 175 case; 432, rebuttal in the 175
10	case; and 433, surrebuttal in that case. Offer all six
11	pieces, 406 to 408, 431 to 433, into evidence.
12	JUDGE JORDAN: Not hearing any objections
13	and the parties have agreed to that, so that will be
14	admitted into evidence.
15	(MIEC/MECG EXHIBIT NOS. 406 THROUGH 408 AND
16	431 THROUGH 433 WERE MARKED AND RECEIVED INTO EVIDENCE.)
17	JUDGE JORDAN: The next on that list of
18	witnesses whose testimony is stipulated to will be Barbara
19	Meisenheimer, I believe.
20	MR. MILLS: Yes, your Honor. And let me
21	take this opportunity to correct the exhibit list that I
22	circulated to the parties. It inadvertently listed
23	Exhibit 304 as Ms. Meisenheimer's rebuttal testimony in
24	Case No. ER-2012-0174. In fact, there was not any
25	rebuttal testimony in that case, so that's a number that

Page 979

- 1 we're not going to be using.
- But with respect to ER-2012-0174, I have
- 3 Exhibit 302, the direct on revenue requirement, which may
- 4 have already been admitted when she testified about policy
- 5 considerations, and then direct on rate design, which is
- 6 Exhibit 303. In Case No. ER-2012-0175, Exhibit 309, which
- 7 is the direct with respect to revenue requirement, and
- 8 rebuttal, which is Exhibit 310. And I would offer all
- 9 four of those exhibits at this time.
- 10 JUDGE JORDAN: And those will be admitted
- 11 into the record.
- 12 (OPC EXHIBIT NOS. 302, 303, 309 AND 310
- 13 WERE MARKED AND RECEIVED INTO EVIDENCE.)
- 14 JUDGE JORDAN: And the next on that list
- 15 would be Mr. Johnstone.
- 16 MR. BARTELS: Yes. Reed Bartels. We have
- 17 Mr. Johnstone's rebuttal testimony, Exhibit 675, Case
- 18 No. ER-2012-0174. And additionally I have listed on my
- 19 circulation list surrebuttal, 676. That does not exist.
- 20 And with that to noted, I'll offer this exhibit.
- 21 JUDGE JORDAN: Those will be admitted into
- 22 the record.
- 23 (MEUA EXHIBIT NO. 675 WAS MARKED AND
- 24 RECEIVED INTO EVIDENCE.)
- 25 JUDGE JORDAN: The last on that list would

Page 980

- 1 be Mr. Goins, and I believe I excused him on the record at
- 2 the beginning of this proceeding today. So we can go to
- 3 opening statements.
- 4 MR. FISCHER: May it please the Commission?
- 5 I'm Jim Fischer. I will be representing the companies in
- 6 this part of the case.
- 7 As I think you've already noted on the
- 8 record, a Nonunanimous Stipulation & Agreement Regarding
- 9 Class Cost of Service Rate Design was filed in both the
- 10 174 case and the 175 case, and it's also my understanding
- 11 that there is some opposition in the 174 case from a
- 12 couple of the parties, so the Commission will have to take
- 13 a look at all of the issues in that based on the record in
- 14 the case.
- 15 As the Commission does that, when you look
- 16 at the list of issues that we've laid out for the
- 17 Commission to resolve, I think it's appropriate to look at
- 18 all of the cost of service studies that have been
- 19 presented in this case as you're developing a resolution
- 20 of the issues.
- 21 The company and Staff have both used the
- 22 base/intermediate/peak method that attempts to balance the
- 23 allocation across the classes on a layered allocation of
- 24 production plant. That's one of the main issues that if
- 25 you actually got into the cost of service studies, you'd

	Page 98
1	see a difference of opinion. But we believe that it's
2	important to look at all of the evidence, all of the cost
3	of service studies as you resolve the issues.
4	The company has recommended and we support
5	the Stipulations & Agreements as resolutions of the
6	matter, and we hope we would request that you approve
7	those stipulations as written. There is one competitor in
8	this case that has suggested that they intend to take the
9	case to hearing on the issue of what is the residential
10	rate structure that should be approved by the Commission.
11	MGE's argument, I think, is that the Commission should
12	eliminate the residential space heating rate, and it
13	appears from our perspective to be an attempt by a
14	competitor to prevent Kansas City Power & Light Company
15	from providing cost-based rates for customers who choose
16	to use electricity to heat their homes.
17	From our perspective, MGE has not supported
18	its position, has not justified with a cost study its
19	recommendation. And I think most very important for
20	the Commission is to look at the impacts of that proposal
21	on the on Kansas City Power & Light and GMO's space
22	heating customers. It's important that you realize what
23	kind of impacts the resolution the way that MGE is
24	suggesting could have on those customers, and we ask that
25	you take a hard look at that.

	Page 982
1	We also think there's plenty of cost of
2	service evidence that would support just across the board
3	a resolution of that issue based upon the Stipulations &
4	Agreements that are before you. Thank you.
5	JUDGE JORDAN: Thank you. Opening
6	statement from Staff.
7	MS. KLIETHERMES: May it please the
8	Commission?
9	Speaking to the issue that Mr. Fischer just
10	raised, Staff comes out kind of in the middle on that
11	space heating issue. What Staff recommends is that the
12	Commission take this opportunity in this rate case to
13	address some disparities in KCP&L's rates.
14	The Commission should increase the first
15	energy block of the residential schedules Res B and Res C,
16	both affecting space heating customers, by an additional 5
17	percent. These rates should be adjusted to bring these
18	classes closer to the class cost of service for these
19	customers during the winter season.
20	What I've handed out is a copy of the KCPL
21	tariffs for res, or a couple of pages of it. If you look
22	at the winter season, normal general use residential
23	customers have two blocks to run through before they get
24	to 1,000 kilowatt hours. Those customers pay about .099
25	each kilowatt hour for the first 600 kilowatt hours and

	Page 983
1	about .059 for the next 400 kilowatt hours to get up to a
2	thousand.
3	Space heat's customers' very first kilowatt
4	hour costs .073. That's the rate for each of the first
5	1,000 kilowatt hours. Now, blocks over 1,000 kilowatt
6	hours aren't very far apart. We're looking at .04872 for
7	space heat customers and .04968 for general use customers.
8	What Staff wants to fix here, though, is
9	the disparity in contribution to cost of service that
10	exists in the winter for customers on the space heating
11	rate but using less than 1,000 kilowatt hours.
12	For those first thousand kilowatt hours,
13	general use customers pay a weighted average rate of
14	.083264, while space heat rate customers pay only .07382.
15	And general use customers only get to that approximately
16	.083 average rate if they use all 1,000 kilowatt hours.
17	Space heat customers are out the gate at .073 on the very
18	first kilowatt hour each month of the winter season.
19	Now, Mr. Fischer said that there's nothing
20	to indicate that those customers aren't paying all the
21	weighted cost of service. I think MGE is going to tell us
22	those customers should have their rate frozen altogether.
23	Staff's position is somewhat more moderate.
24	There's a similar phenomena for KCPL's
25	all-electric general service nonresidential rates, small,

1	Page 984 medium and large, and I'm quickly confirming that we
2	didn't settle that this morning. I didn't think we did,
3	but there's some confusion on that point.
4	Staff's recommendation to address that
5	issue is that the first energy block rate for all of those
6	general electric general service winter rates, and
7	again this is only on the winter, this is only on the
8	first block, be increased by an additional 5 percent,
9	which would bring it closer to that cost of service.
10	We have similar issue on the GMO case. Our
11	recommendation there is 6 percent for certain energy block
12	rates for residential space heating customers, again, on
13	the winter, and 6 percent increase on GMO for the
14	nonresidential space heating/water heating separate meter
15	customers.
16	And Mr. Scheperle is our witness and is
17	probably the best person to answer any questions on the
18	specifics of that.
19	Just an item to note. The Commission may
20	be aware that GMO has agreed to prepare and file in its
21	next general rate increase case a comprehensive study of
22	the impacts on its retail customers of eliminating the
23	separate rate districts of MPS and L&P, and going
24	towards and studying the implementation of company-wide
25	uniform rate classes.

	Page 985
1	I think GMO has agreed to do that, but we
2	just wanted to remind the Commission that that was out
3	there, and if they wanted to mention that in the Report
4	and Order, that would probably be a helpful thing to do.
5	That's all. Thank you.
6	JUDGE JORDAN: Thank you. Opening
7	statement from the Office of Public Counsel?
8	MR. MILLS: Thank you, your Honor. May it
9	please the Commission?
10	As you're well aware, the set of issues
11	that comprise class cost of service and rate design have
12	been sort of a moving target, and the target is much
13	smaller now than it was just a few hours ago before a
14	Stipulation & Agreement was filed, one in each case.
15	From my perspective, one of the biggest
16	issues remaining is whether or not class cost of service
17	shifts should be made for KCPL, and if so, what should
18	those shifts be? Public Counsel recommends that in the
19	KCPL case, that before any revenue increase granted in
20	this case be applied, that the following shifts should be
21	made: That the large power class should be increased by
22	\$5,458,572, that the small general service should be
23	decreased by \$3,319,366, and that medium general service
24	should be decreased by \$2,139,206. And following that,
25	any rate increase granted in this in the KCPL case

	Page 986
1	should be made on a revenue neutral basis.
2	In addition, Public Counsel believes that,
3	as was agreed to in the GMO case, that any rate increase
4	to the residential and small general service classes for
5	KCPL should be applied only to the energy charges to those
6	classes, and that the customer charge should remain at its
7	current level for both of those two classes.
8	Thank you.
9	JUDGE JORDAN: Opening statement from the
10	Missouri Industrial Energy Consumers?
11	MS. ILES: Waive opening, your Honor.
12	JUDGE JORDAN: Mr. Conrad, any opening
13	statement?
14	MR. CONRAD: No, sir. We're not opposing
15	either of those stipulations. We're not joining in them,
16	but not opposing them.
17	JUDGE JORDAN: Mr. Woodsmall?
18	MR. WOODSMALL: Nothing, your Honor, other
19	than to mention that MECG is a signatory to both the GMO
20	and the KCP&L stipulation, and we agree we believe that
21	it will lead to just and reasonable rates and urge the
22	Commission to adopt that.
23	JUDGE JORDAN: Mr. Bartels?
24	MR. BARTELS: No, your Honor.
25	JUDGE JORDAN: Any opening statement from

	Page 987
1	AARP or the Consumers Council of Missouri?
2	MR. COFFMAN: Yes. Just briefly, your
3	Honor.
4	I would like to officially note on the
5	record that my clients, AARP and the Consumers Council of
6	Missouri, are not signatories to the KCPL rate design
7	stipulation and do oppose that stipulation. We adopt the
8	same position as the Office of Public Counsel. We believe
9	that their cost of service and rate design recommendations
10	are the most just and reasonable and have particular
11	interest in not increasing the customer charges. We would
12	recommend that their shifts away from the residential
13	class be adopted and that the customer charge for KCPL
14	remain the same.
15	As to the GMO rate design stipulation that
16	was just filed, we are not opposed to that.
17	JUDGE JORDAN: Thank you.
18	MR. COFFMAN: Thank you.
19	JUDGE JORDAN: I see Mr. Lumley is now
20	absent. Southern Union Company?
21	MR. JACOBS: With your permission?
22	Judge, I want to outline some key
23	considerations that MGE has in our position in this case.
24	The questions really are, is it appropriate to have a
25	specially priced and discounted rate for electric space

	Page 988
1	heating customers? Is it justified to have rates of this
2	type, rates that are not cost based, as evidenced by
3	KCPL's own class cost of service study? Is it equitable
4	to have two neighbors, both KCPL or GMO residential
5	customers, pay different rates and different prices for
6	all of their electric services for eight months of the
7	year solely because one customer has electric space
8	heating equipment? Is KCPL's general use rate, their
9	standard rate, insufficient in promoting winter load? And
10	is it logical in a time in which the Commission is
11	actively seeking ways to encourage conservation to have
12	such a specially priced rate that encourages use?
13	We respectfully submit that the answers to
14	these questions are no. These rates are not cost based,
15	they're not equitable, and they do not represent good
16	energy policy for the state of Missouri. We ask the
17	Commission to eliminate or freeze these rates.
18	What are these rates? KCPL and GMO have
19	specially discounted rates, like I talked about. They
20	feature the same monthly charge, the same summer rates for
21	four months, but in the winter, which is eight months out
22	of the year under KCPL/GMO's rate class design, they have
23	special winter electric space heating rates, and that's
24	from September through May. And as long as you have a
25	heat pump or electric resistance heat and you register

Page 989

- 1 that with KCPL or GMO, you get a percentage discount
- 2 essentially on the rates that you pay. You pay reduced
- 3 rates.
- 4 This applies to new homes. It applies to
- 5 replacing equipment. And the discount as it's compared to
- 6 a general use rate, meaning a customer that's not on the
- 7 special rate, really varies by region and is detailed and
- 8 outlined in Mr. Cummings' testimony.
- 9 So what these rates are really are a
- 10 specialized subclass, and if you're not on the special
- 11 rate, if you use energy -- if you use any energy source
- 12 other than electricity to primarily heat your home, which
- is -- could be natural gas, propane, wood pellet stoves,
- 14 you pay more for your electricity than your neighbor does.
- 15 And this is for all of your electricity, not just the
- 16 electric cost that it costs to heat your home.
- 17 Now, as Mr. Cummings notes in his
- 18 testimony, these rates really are leftovers from a
- 19 different era and with different energy priorities. We
- 20 are no longer in a time where we want to promote greater
- 21 use of electricity to heat homes through special rates.
- 22 There are no other investor-owned utilities in the state
- 23 of Missouri which have these specially priced rates. And
- 24 KCPL itself agreed in testimony to eliminate most of the
- 25 disparity in these rates in a recent rate proceeding in

Page 990 Kansas. That's detailed in Mr. Cummings' testimony. 2 Are these rates cost justified? The clear 3 answer to this question is no. They're not cost justified as shown in KCPL's own cost of service study. And that 4 5 study shows clearly and definitively that electric space heating customers are contributing less than their fair 6 7 share of KCPL's overall rate of return. In other words, unless this rate -- unless 8 this differential is eliminated, the majority of KCPL and GMO's customers are paying for through higher rates the 10 discounted rates of their neighbors. Current rates have 11 12 general use customers producing a higher rate of return 13 than their neighbors on these specially priced rates, and accordingly the general use customers would pay for a 14 15 portion of the costs to serve the specially priced rates in the winter. 16 17 Now, KCP&L with the kind of results that are shown in their class cost of service study, which is 18 outlined in Mr. Normand's testimony, with the kind of 19 20 results that they show for the differential on the rate of 21 return, they've got a pretty unique challenge in this case, and the challenge here is to convince the Commission 22 to shift its focus away from its own study, and it's a 23 study with findings that they do not otherwise refute. 24 25 They'll ask you to look at other studies,

Page 991

- 1 studies which do not and cannot show the type of seasonal
- 2 and intraclass rate shifts that we advocate here. They
- 3 insist that we, we as in MGE, conduct a study of our own
- 4 when theirs already illustrates perfectly well what we're
- 5 trying to show.
- And we ask with the countless issues
- 7 present in this case, the other issues present in this
- 8 case, that the Commission not be distracted by these
- 9 arguments and see these rates for what they really are.
- 10 Now, Staff in their testimony through
- 11 Mr. Scheperle, they note the need to bridge the gap in
- 12 some way. They note the need to move closer to cost-based
- 13 rates. And OPC generally in their position statement
- 14 agrees with Staff's position. MGE does not feel that
- 15 their proposal goes far enough, and it only prolongs the
- 16 issue and kicks the can down the road. It identifies a
- 17 problem, but it doesn't provide a solution that fixes the
- 18 issue.
- 19 Now, rate impact, a concern noted by Staff,
- 20 is an issue in any case, and what we ask you to note is a
- 21 key but very much overlooked point in Mr. Cummings'
- 22 testimony in the position he's taken, which while the
- 23 rates would increase for electric space heating customers,
- 24 by eliminating that discount, the net effect on most
- 25 customers is a net decrease or no increase in rates.

Page 992

- 1 And, of course, this is before any Commission authorized
- 2 revenue increase as part of this case.
- 3 But once that -- once that shift is made
- 4 before new rates are applied for the vast majority of
- 5 customers under general use, there's no increase or very
- 6 small, very small increase. Pardon me. There's a net
- 7 decrease but no increase in rates. And the reason for
- 8 this is that general use customers would go down, they
- 9 would pay less in revenue because they no longer pay that
- 10 subsidy. And Mr. Cummings is -- he accounts for that in
- 11 his testimony.
- 12 Now, when you look at the number of
- 13 customers that this would impact is a key consideration
- 14 for the Commission. Now, KCPL for general use, 79 percent
- of their customer base is not -- they're not on the
- 16 special rate. And when you look at the analysis that
- 17 Mr. Cummings does in the case, 5. -- there's a 5.6 percent
- 18 decrease in rates. There's a 6.1 percent increase for
- 19 space heating. For GMO MPS, 64 percent of the customers,
- 20 the majority, are not on these special rates, and their
- 21 net increase would be around zero. For GMO L&P, general
- 22 use customers again a majority, 62.4 percent would not be
- 23 impacted by a rate increase before any
- 24 Commission-authorized revenue increase in this rate case,
- 25 but their rates would actually go down also another

	Page 993						
1	9.6 percent, and there's a corresponding increase of						
2	7.8 percent for space heating customers.						
3	So what do we need to do in this case?						
4	Now, consistent with Mr. Cummings' recommendation, which						
5	are two separate and distinct recommendations, we need to						
6	make revenue neutral adjustments in current rates, remove						
7	the seasonal inequities that exist, equalize rate of						
8	return at current rates, both summer and winter, remove						
9	inequities in winter revenue, and then either eliminate or						
10	freeze, which were both recommendations by Missouri Gas						
11	Energy and Mr. Cummings, electric space heating rate						
12	schedules.						
13	Now, there are significant ratemaking and						
14	policy considerations that support the elimination of						
15	these rates, and we can't simply delay and wait as KCPL						
16	wants the Commission to do here. We respectfully request						
17	that the Commission act to eliminate or freeze these						
18	underpriced specially discounted electric space heating						
19	rates. Thank you.						
20	JUDGE JORDAN: Then we're ready for our						
21	first witness.						
22	MR. FISCHER: The company would call Paul						
23	Normand.						
24	(Witness sworn.)						
25	PAUL NORMAND testified as follows:						

Page 994

- 1 DIRECT EXAMINATION BY MR. FISCHER:
- 2 Q. Please state your name and address for the
- 3 record.
- 4 A. My name is Paul M. Normand, and my address
- 5 is 1103 Rocky Drive, Suite 201, Reading, Pennsylvania,
- 6 19609.
- 7 Q. And by whom are you employed and in what
- 8 capacity?
- 9 A. I'm employed by Management Applications
- 10 Consulting, and I'm a principal.
- 11 Q. Did you cause to be filed in this case
- 12 direct and rebuttal testimony in both the KCPL rate case
- and the GMO rate case, which I'll tell you has been marked
- 14 as KCPL Exhibit 38 for your direct and KCPL 39, your
- 15 rebuttal, and GMO 132 for your direct and GMO 133 for your
- 16 rebuttal?
- 17 A. Yes, I did.
- 18 Q. Do you have any corrections or additions
- 19 that need to be made in that testimony?
- 20 A. No, I do not.
- 21 Q. If I were to ask you the questions
- 22 contained in that written testimony today, would your
- 23 answers be the same?
- A. Yes, they would.
- 25 Q. And are they true and accurate to the best

	Page 995					
1	of your knowledge and belief?					
2	A. Yes, they are.					
3	MR. FISCHER: Judge, I would move then for					
4	the admission of KCPL Exhibit 38 and 39 and GMO Exhibit					
5	No. 130 excuses me $$ 132 and 133 and tender the witness					
6	for cross-examination. This will be his last time to					
7	testify.					
8	JUDGE JORDAN: I'm not hearing any					
9	objections, so I will admit those exhibits into the					
10	record.					
11	(KCPL EXHIBIT NOS. 38 AND 39 AND GMO					
12	EXHIBIT NOS. 132 AND 133 WERE RECEIVED INTO EVIDENCE.)					
13	JUDGE JORDAN: I believe you have you					
14	tendered this witness for cross?					
15	MR. FISCHER: Yes, I have.					
16	JUDGE JORDAN: All right. Then let's find					
17	out if there's any cross-examination from Southern Union.					
18	MR. JACOBS: No questions.					
19	JUDGE JORDAN: Any cross-examination from					
20	AARP or the Consumers Council of Missouri?					
21	MR. COFFMAN: No your Honor.					
22	JUDGE JORDAN: Mr. Woodsmall, any					
23	cross-examination?					
24	MR. WOODSMALL: No questions. Thank you.					
25	JUDGE JORDAN: Mr. Conrad, any					

Page 996 cross-examination? 2 MR. CONRAD: No questions, sir. Thank you. 3 JUDGE JORDAN: Mr. Bartels is not in the room anymore. I don't see him. Office of the Public 4 5 Counsel, any cross-examination? 6 MR. MILLS: Just a few, your Honor. 7 CROSS-EXAMINATION BY MR. MILLS: Mr. Normand, are you familiar with the 8 NARUC Electric Utility Cost Allocation Manual? 10 Yes. I've looked at it a couple of times. Α. 11 Are you aware that -- and I'll just Q. 12 shorthand refer to that as the NARUC manual. Do you -are you aware that the NARUC manual recognizes that some 13 14 analysts might treat uncollectibles as a general cost of 15 business rather than as customer-related costs? I've seen it treated a whole bunch of 16 Α. 17 different ways, but uncollectible to me is dealing with all of the revenues associated with the customer, if you 18 19 will. 20 My question was not how you've seen it Q. 21 treated. My question was, does the NARUC manual 22 specifically acknowledge that some analysts may treat it 23 as a general cost of doing business rather than as a customer-related cost? 24 25 I haven't seen that. I don't know.

	Page 997					
1	MR. MILLS: Judge, may I approach?					
2	JUDGE JORDAN: You may.					
3	BY MR. MILLS:					
4	Q. Mr. Normand, I've just handed you a copy of					
5	the NARUC Cost Allocation Manual from 1992, which I					
6	believe is the most recent version and the one that most					
7	analysts refer to, and specifically I'd turn your					
8	attention to page 103 and the description on that page of					
9	customer account expenses, Accounts 901 to 905. Do you					
10	see that explanation?					
11	A. Yes, I do.					
12	Q. And although it acknowledges that these					
13	accounts are generally classified as customer related, it					
14	goes on to say that some analysts prefer to regard					
15	uncollectible accounts as a general cost of performing					
16	business by the utility and would classify and allocate					
17	these costs based upon an overall allocation scheme such					
18	as class revenue responsibility. Do you see that					
19	statement?					
20	A. Yes, I do.					
21	Q. And so I will again ask you the question.					
22	Are you aware that the NARUC manual acknowledges that some					
23	analysts might treat uncollectibles as a general cost of					
24	doing business rather then as customer-related costs?					
25	A. Yes. I read the NARUC manual, and it says					

Page 998 what it says. 2 Okay. In terms of your calculation, would Q. 3 excluding uncollectibles from your calculation reduce the cost associated with the customer charge? 4 5 Α. Only partially. 6 Well, would it reduce or not reduce? Ο. 7 Α. It will reduce, but partially because I don't classify as uncollectible all customer, because some 8 of it is on the energy charge. 10 And can you tell us the total amount of Q. Account 904 uncollectible is allocated to the residential 11 12 class in your study? If you'll give me a minute. 13 Α. 14 Q. Certainly. 15 Α. I don't -- I don't have it. 16 Q. Okay. Can you tell us, then, the total 17 amount of customer accounts expense allocated to the residential class? 18 19 Just the expense itself for residential was Α. 7,790,339. That's on page 3 of 33 of Schedule 1, 20 21 line 1330. And is that at the current rates or at the 22 Q. 23 proposed rates after the proposed rate increase? 24 This is off the current rates. Α.

And what would that number be under the

Fax: 314.644.1334

Q.

25

Page 999

- 1 proposed rates?
- 2 A. Well, what this is is the actual booked
- 3 expenses. So that wouldn't float depending on the
- 4 revenues. It is what it is. If you're trying to --
- 5 there's no 904 in here. I'm not sure if you're trying to
- 6 impute that 904 is buried in here, but it's not. These
- 7 numbers wouldn't change.
- 8 Q. Do you have a copy of your direct testimony
- 9 there with you?
- 10 A. Yes, I do.
- 11 Q. And referring to Schedule PMN -- PMN-3,
- page 2 of 4. Are you on that page?
- 13 A. I'm sorry. Schedule PMN-3, page?
- 14 Q. Page 2 of 4.
- 15 A. Yes, I am.
- 16 Q. And on that page, at line 33, you show a
- 17 customer component for residential of \$11.14 and for small
- 18 general service of \$16.58, correct?
- 19 A. That's correct. You have to be very
- 20 careful when you use these numbers because you have to
- 21 look at line 1. So what happens in this schedule is
- 22 you're presented with two different results. One is to
- 23 reflect all of the components of cost, all the slices, if
- 24 you will, at existing revenue levels.
- 25 So when you're trying to look at this and

 $$\operatorname{\textit{Page}}\xspace 1000$$  then compare against one class against another, you should

- 2 look at them at equalize, giving you the same rate of
- 3 return so that you can make a judgment call as to what
- 4 those levels ought to be. And that's a separate --
- 5 separate pages that follow.
- 6 Q. Okay. And if you would look at the same
- 7 schedule, PMN-3, page 4 of 4 --
- A. That's correct.
- 9 Q. -- again at line 33, you show an
- 10 equalized -- if you equalize the rate of return for all
- 11 the classes, you show a customer component for residential
- 12 customers of 11.08 and for small general service of 16.61,
- 13 correct?
- 14 A. That's correct.
- 15 MR. MILLS: That's all I have. Thank you,
- 16 Judge.
- 17 JUDGE JORDAN: Cross-examination from
- 18 Staff?
- MS. KLIETHERMES: Yes, briefly.
- 20 CROSS-EXAMINATION BY MS. KLIETHERMES:
- 21 Q. In your opinion as an expert on class cost
- 22 of service and rate design, does the KCPL stipulation
- 23 reasonably allocate any rate increase?
- 24 A. I haven't looked at it in detail, but I
- 25 think if I look at, for instance, the -- I remember seeing

Page 1001 the large industrials, that the emphasis is on the front 2 blocks, and I believe that's correct. And the rest I'm 3 vague on because I wasn't intimately involved with the stipulations. 4 5 Q. Fair enough. Thank you. MS. KLIETHERMES: Nothing further. 7 JUDGE JORDAN: Questions from the Bench. 8 Commissioner Kenney? 9 COMMISSIONER KENNEY: No questions. Thank 10 you very much. 11 JUDGE JORDAN: I have no questions for you. 12 Redirect? MR. FISCHER: Just briefly. 13 14 REDIRECT EXAMINATION BY MR. FISCHER: 15 Mr. Mills asked you some questions Q. 16 regarding customer cap expense treatment or the treatment 17 of uncollectible expenses in cost of service studies, particularly the NARUC manual. Do you remember that? 18 19 Yes, sir. Α. 20 Do other analysts treat uncollectible Q. 21 expenses differently in cost of service studies? Yes, and I for one do. I've never treated 22 Α. 23 it that way, and the reason being is when you use 24 revenues, what you are basically saying is on -- if you do uncollectibles on total revenues, you are skewing the 25

Page 1002

- 1 allocation of those expenses to large users, and that's
- 2 inappropriate.
- 3 MR. FISCHER: That's all I have, Judge.
- 4 Thank you.
- 5 JUDGE JORDAN: That concludes your
- 6 examination. You may stand down. Next witness.
- 7 MR. MILLS: While we're shuffling witnesses
- 8 around, I will point out that earlier while we were off
- 9 the record, MGE graciously allowed me to go ahead of them
- 10 when we get to cross-examination for Mr. Scheperle because
- I believe I have less cross-examination for him than they
- 12 do, and I would be happy to remind you when we get there.
- 13 JUDGE JORDAN: Please do. That would be
- 14 very helpful.
- 15 Mr. Rush, I know I've already sworn you, so
- 16 you may proceed.
- 17 MR. FISCHER: Based on that, Judge, I would
- 18 just tender the witness for cross-examination on the issue
- 19 of rate design and rate structure, class cost of service
- 20 studies.
- JUDGE JORDAN: Very good.
- 22 Cross-examination from Southern Union Company?
- 23 TIM RUSH testified as follows:
- 24 CROSS-EXAMINATION BY MR. JACOBS:
- Q. Good evening, Mr. Rush.

Page 1003 1 Α. Good evening. 2 Q. I'm going to start with your surrebuttal 3 testimony in the 0174 case, and could you turn and let me 4 know when you get there to the table on page 8? I'm there. 5 Α. Now, that table is entitled Bill Impact; is 6 Ο. 7 that correct? 8 Α. It is. 9 And in the table you have categories, all Q. 10 electric rate and then bill impact of high, typical and 11 low; is that correct? 12 Α. I do. 13 Q. And you cover the Staff proposal, correct? 14 That's correct. Α. 15 Q. And then you go into the MGE proposal; is 16 that right? 17 Α. That's right. 18 And you show that, in your table, that the Q. 19 typical residential one meter bill will increase by 20 6.19 percent under MGE's proposal; is that right? 21 Α. That's right. 22 Q. And the label for MGE proposal, just to 23 make sure that I know what you're talking about, is that 24 intended to mean MGE's proposal to eliminate residential 25 space heating services?

Page 1004

- 1 A. Yes.
- 2 Q. And just to -- keep the reference, because
- 3 I'm going to shift you back to one of your schedules. You
- 4 have a 6.19 percent residential one meter bill impact for
- 5 typical -- a typical bill impact, and that comes from
- 6 Schedule TMR-8, page 3 of 9; is that right?
- 7 A. To be honest, I thought it did. I'm not
- 8 sure I do now. That was the intent of it.
- 9 Q. And basically what you've got is you're
- 10 talking about on the table is you've got a 6.19 percent
- 11 residential one meter?
- 12 A. Right.
- Q. Which is the impact of the typical customer
- 14 in your testimony for the MGE proposal. And then going
- back to TMR-8, 3 of 9, it says typical bill impact
- 16 analysis -- sorry. It's the title of the -- of that 3
- 17 of 9.
- A. Uh-huh.
- 19 Q. Typical bill impact analysis of rate B
- 20 general use with space heat one meter.
- 21 A. One meter, that's correct.
- 22 Q. So that's the same number that you were
- 23 trying to refer to as 6.19 is basically to show that
- 24 calculation; is that right?
- 25 A. That's right.

Page 1005 1 Q. And that number's not there? 2 Α. It shows a typical bill at 5.19 percent. 3 Q. And so that's the number that you think 4 should appear in the residential one meter? Yes. There was an awful lot of shuffling 5 Α. that went around. I believe that would be the number I 6 7 would use, yes, it would be. 8 Q. Now, for the bill impact calculation --9 It would also -- go ahead. 10 Thank you. For the bill impact Q. 11 calculation, you used a summer energy charge, and it's the 12 top middle of that 3 of 9, TMR-8, summer energy chart of 13 .11028? 14 That's right. Α. 15 Q. That's right? And with your permission, 16 I'm going to show you -- I assume you don't have 17 Mr. Cummings' testimony? 18 Α. I do not have his testimony with me. 19 Q. I'm going to give you two schedules. I'll 20 run it by your counsel first. I'm not going to introduce 21 these into evidence. Just talk about them. It's Schedule FJC-8 and Schedule FJC-8B which was revised on 8/22 of 22 23 12. 24 So we were talking about TMR-8, 3 of 9 --25 Α. That's right.

Page 1006

- 1 Q. -- summer energy charge .11028.
- Now, looking at FJC-8, isn't it correct
- 3 that MGE's proposal reduces the summer energy charge to
- 4 .10416? The way I'd help you out there is --
- 5 A. Maybe you could point me to what you're
- 6 referring to.
- 7 Q. Thank you. If you look at line 23 of
- 8 FJC-8, you see that the -- Mr. Cummings has reduced the
- 9 summer energy charge? There's a paren.
- 10 A. I see what you call the summer energy
- 11 charge and something that's a credit, a .00612, and you
- 12 say the reference is apply to all Schedule FJC-1 some
- 13 energy charges, and I don't have FJC-1. That appears to
- 14 be a credit you're trying to post to some account. Part
- of what I went through was the confusion of trying to
- 16 understand. I read what he sad he wanted to do, which was
- 17 the elimination, and --
- 18 Q. Just taking out FJC-8 on its face, if
- 19 Mr. Cummings has in here that he's reducing this energy
- 20 charge, if you could just do the math for me. He's saying
- 21 he's reducing the summer energy charge, which right now is
- 22 .11028. He's subtracting .00619. My calculation is that
- 23 the result of that is .10416.
- A. Something to that effect, yes.
- 25 Q. So that's the summer bill portion that

Page 1007 Mr. Cummings uses. 2 Α. All right. 3 Ο. And so that would be the number you used to calculate TMR-8, 3 of 9. That summer energy charge is 4 5 actually too high; isn't that right? 6 Well, from what you're representing, yes. Α. 7 So the calculation for the annual bills in Q. 8 TMR-8 3 of 9 is incorrect; is that right? 9 Α. Well, this is what I did and how I interpreted it. So if you'd help me understand what those 10 rates are, it's an easy calculation to describe and 11 12 calculate. 13 Q. Right. You're trying to show -- you know 14 the summer rate for KCP&L right now? Yeah. I think it's .11028. 15 Α. 16 Q. And by Mr. -- by FJC-8, Mr. Cummings 17 indicates that he's reducing that by .00612. 18 Α. Right. 19 And you're talking about MGE's proposal for Q. 20 showing bill impacts here, right? 21 Α. I never saw the -- my interpretation of this did not lead me to the conclusion to take out the 22 .00612. I never did see a bill comparison that went 23 24 through the rigor that what I tried to do here and

Fax: 314.644.1334

represent to --

25

Page 1008 1 Q. I'm not trying to cast blame. 2 Α. No. I'm trying to -- what I was --3 THE REPORTER: One at a time, please. BY MR. JACOBS: 4 5 Q. I'm just trying to show the number's incorrect that you used. I mean, you're talking about 6 7 MGE's proposal. 8 Α. From what you just represented, you're 9 right. 10 In that same TMR-8, 3 of 9, I want to talk Q. 11 a little bit about the winter rates that you use there. 12 Now, you show that in MGE's proposal, and I'm going to 13 refer you to the very top left -- correction -- the top 14 middle, at the bottom it says, MGE proposal RS6 to rate B 15 schedule, and in the winter there are three blocks there; is that right? 16 17 Α. Say that again. 18 Q. I'm sorry. In the winter in TMR-8, page 3 19 of 9 --20 Α. I'm there. 21 -- you show under MGE's proposal, you 22 indicate that there are three blocks? That's right. It is my understanding --23 Α. 24 Q. Okay. I just needed a -- just needed a yes

So I'm going to refer you back to FJC-8 again.

Fax: 314.644.1334

or no.

25

Page 1009 1 Α. I'm there. 2 Now, I want you to look at -- and we're Q. 3 talking -- you're trying to analyze MGE's proposal, right? I want you to look at under eliminate space heat, and 4 5 that's line 14 to 15, column B, can you tell me how many block rates are there? 6 7 Α. It appears there's two. 8 Q. So if you're analyzing --Two under the general use. 10 Right. And if the space heating rates are Q. 11 eliminated, there would only be general use, correct? 12 Α. Yes. 13 Q. Is that correct? So if you're referring 14 to, if you're trying show in TMR-8, page 3 of 9, if you're trying to show what MGE's proposal is and you use three 15 16 winter blocks, and, in fact, when you turn to FJC-8, 17 Mr. Cummings there shows two winner blocks, then the calculation that you use on page 3 of 8 for the bill 18 impact is incorrect; is that right? 19 20 Yes. It appears the percentage would 21 probably be greater for a typical customer from your information. 22 23 Q. Take you to page 8 of your surrebuttal testimony, and you talk about space heat one meter. So 24 25 again, if the calculations that you used in your

Page 1010

- supporting schedules are incorrect, then that bill impact
- is not correct; is that right?
- 3 A. That would be correct.
- 4 Q. Turn to space heat two meter bill impacts,
- 5 and that's the same table, page 8, again for residential
- 6 two meters there's a high, typical and low impact of
- 7 13.19, 10.48 and then 3.03. Do you see that?
- 8 A. I do.
- 9 Q. I'm going to take you back to TMR-8, 4 of
- 9. It seems that 4 of 9 addresses what you're trying to
- 11 show in that section, meaning that you're trying to show
- 12 bill impacts in that section on general use and space heat
- 13 two meters; is that right?
- 14 A. I am.
- 15 Q. Now, if you look in that schedule and you
- 16 go to the summer charge that you use there, again, you use
- 17 .11028; is that right?
- 18 A. That's correct.
- 19 Q. Now, referring back to Mr. Cummings'
- 20 Schedule FJC-8, same issue as before, right? Mr. Cummings
- 21 indicates for the MGE proposal he says that he wants to
- 22 eliminate or reduce that -- strike that.
- 23 In the MGE proposal, he indicates that he
- 24 wants to reduce the summer energy charge and reduces that
- in line 23, column G, as in golf, to by .00612; is that

	Page 1011
1	right?
2	A. That appears what he's saying, or that
3	appears what this table shows.
4	Q. So that's the same
5	A. I don't remember seeing that information.
6	Q. That's the same this hasn't changed, has
7	it?
8	A. I don't remember seeing that in his
9	testimony. I saw this schedule.
10	Q. Got you. But it's on the schedule,
11	correct?
12	A. It is on the schedule.
13	Q. And it's been on the schedule since it was
14	filed?
15	A. Sure.
16	Q. So given that, the number that's used is
17	incorrect, and that means your bill impact analysis is not
18	correct; is that right?
19	A. That's correct. I don't know what it would
20	be at this stage, but with these
21	Q. I'm going to turn you now thank you,
22	sir. I'm going to turn you to page 4 of your
23	Schedule TMR-8, same one that we've been talking about.
24	A. Okay.
25	Q. And in that you show the winter energy

Page 1012 charge for space heat load to be .09914; is that right? 2 Α. That is. 3 Ο. Now, I'm going to refer you to FJC-8 again and ask you to look at line 22, column D, as in delta. 4 5 Α. I'm there. 6 Now, the -- what Mr. Cummings recommends or Q. 7 what Mr. Cummings has in his testimony, his schedule is 8 that the heat load that he uses there is .06910; is that right? 10 Α. I don't know. 11 Well, you don't know? Q. 12 I mean. You said eliminate, and there's nothing there. You have a number. I see .06910. Down at 13 the bottom it says separate meter all, but it's under 14 15 retain. So I mean, that's part of the confusion of all this. So if you --16 17 Ο. I misworded my question. I'll withdraw it. 18 Thanks for pointing that out. 19 I'm going to take you over to the KCPL case 20 175 and take you to page 11. 21 Α. Do you mean GMO's case? 22 Q. I do. Thank you. 23 Α. And what testimony? 24 Q. It's the surrebuttal testimony, page 11.

Fax: 314.644.1334

I'm there.

Α.

25

Page 1013 1 Q. And you have a table there. Again, it's 2 the same type of analysis you've been trying to show. It 3 shows bill impact? Α. That's correct. 4 5 Q. And you've got space heating rates, high, typical and low; is that right? 6 7 Α. Right. 8 Q. And then you talk about the MGE elimination proposal and the MGE retention proposal, and I assume that 10 by the MGE elimination proposal you mean the proposal by 11 Mr. Cummings of MGE to eliminate space heating rates? 12 Α. That's correct. 13 Q. Now, in L&P residential separate meter, it 14 shows that, by your calculations, that the separate meter 15 bill will increase by 12.58 percent under MGE's proposal to eliminate space heating; is that right? 16 17 Well, that was my understanding. There might -- that's correct, from my knowledge of what was 18 19 recommended. 20 That's your testimony, right? Q. 21 Α. That's right. You bet. 22 Q. I'm going to take you back to TMR-12. 23 Α. All right. 24 Q. On the third page. 25 I'm there. Α.

Page 1014

- 1 Q. Now, for this bill impact calculation, you
- 2 used the winter energy charge of .0742; is that right?
- 3 A. That's correct.
- 4 Q. I'm going to refer you to Schedule FJC-8B,
- 5 which I've given you, and have you look at line 15,
- 6 column D as in delta.
- 7 A. I'm there.
- 8 Q. It says eliminate electric space heating is
- 9 the column and description in A on line 14; is that right?
- 10 A. That's what it says, yes.
- 11 Q. And the energy charge there for eliminate
- 12 electric space heating is .0664; is that right?
- 13 A. Well, column D has that number, but
- 14 column A or B has .0742.
- 15 Q. I'll have you look at the top, general use
- 16 B, it's .0742, right?
- 17 A. But that's to eliminate. So I would have
- 18 assumed that's the rate you would have said to use to
- 19 eliminate from what you said on the KCPL section.
- Q. That wasn't my question. I'm just asking
- 21 you to look at things.
- 22 A. Sorry.
- Q. General use has .0742; is that right?
- 24 A. Under column B, which says general use, it
- 25 is .0742.

Page 1015

- Q. To eliminate electric space heating. And
- then under column D, space heating general meter, line 15
- 3 is .0664; is that right?
- 4 A. It says separate meter.
- 5 Q. Thank you for reading it, but I'm just
- 6 asking you what the number is.
- 7 A. Describe your question again.
- 8 Q. I'm asking you just to tell me what the
- 9 number is on line 15, column D, space heating separate
- 10 meter, .0664. Is that the number there?
- 11 A. Column D, line 15, .0664.
- 12 Q. Thank you. Now, kind of general issues and
- 13 shifting away from your schedules, but the -- do you have
- 14 any idea based on your knowledge or on filings that KCPL
- or GMO have put in front of the Commission about when you
- anticipate you'll file the next rate case?
- 17 A. We have not put anything in this proceeding
- 18 with regard to when we may file the next rate case.
- 19 Q. What about another proceeding? Have you
- 20 indicated in other proceedings when you might file another
- 21 rate case?
- 22 A. I'm not aware of any.
- Q. Do you anticipate you'll file a rate case
- in the next two to three years?
- 25 A. There's obvious -- there's always that

Page 1016

- 1 possibility.
- Q. Do you anticipate that you'll have costs
- 3 associated with environmental updates at any of your
- 4 plants?
- 5 A. I'm looking at GMO. Are you talking about
- 6 GMO or KCP&L?
- 7 Q. Either or, GMO or KCPL.
- 8 A. We have a construction project going on
- 9 right now at our Kansas City Power & Light operation at
- 10 LaCygne.
- 11 Q. Do you anticipate that you'll have to have
- 12 a rate case to account for those costs?
- 13 A. There's a possibility of that.
- 14 Q. And do you think that that will happen in
- 15 the next two or three years?
- A. Again, there's that possibility.
- 17 Q. Okay. Thank you. Now, you're putting in
- 18 environmental scrubbers at LaCygne; is that right?
- 19 A. I don't know all the particulars, but I
- 20 believe that is correct.
- 21 Q. But there's significance cost associated
- 22 with that?
- 23 A. It's a significant cost. We've talked
- 24 about that in this case.
- 25 Q. Do you anticipate that you'll have rate

Page 1017

- cases as a result of carbon legislation or regulation?
- 2 A. I have no idea. I don't know of the
- 3 legislation that's out there regarding carbon at this
- 4 point.
- 5 Q. Do you anticipate -- strike that.
- Now, one of your arguments, and I'll refer
- you to your rebuttal in 0175 on page 7, and you indicate
- 8 that MGE's proposal is based on obvious self interest; is
- 9 that right?
- 10 A. It's what?
- 11 Q. It's based on obvious self interest?
- 12 A. I would say that is a correct statement.
- 13 Q. Now, in this case, have you -- have you
- 14 done anything or recommended anything in this case that is
- 15 contrary to the interests of your company or your
- 16 shareholders?
- 17 A. I don't know if I can --
- 18 Q. It's pretty straightforward. Do you feel
- 19 that you're representing -- do you think you're doing the
- 20 job effectively?
- 21 A. I would hope so.
- 22 Q. Do you believe that you've proposed rates,
- 23 proposed issues in this case that advance your company's
- 24 interests?
- 25 A. I would hope so.

		Page 1018
1	Q. A	nd do you think that those interests are
2	in line with tho	se of your employees, your shareholders?
3	Α. Ι	would hope so.
4	M	R. JACOBS: No further questions.
5	J	UDGE JORDAN: Cross-examination from AARP
6	or Consumers Cou	ncil?
7	M	R. COFFMAN: No, your Honor.
8	J	UDGE JORDAN: Mr. Woodsmall, any
9	cross-examinatio	n?
10	M	R. WOODSMALL: No, thank you.
11	J	UDGE JORDAN: Mr. Conrad?
12	M	R. CONRAD: No, sir. Thank you.
13	J	UDGE JORDAN: Mr. Bartels?
14	M	R. BARTELS: Yes, please.
15	CROSS-EXAMINATIO	N BY MR. BARTELS:
16	Q. G	ood afternoon, Mr. Rush.
17	Α. G	ood afternoon.
18	Q. I	just have a couple of questions for you.
19	A. N	o problem.
20	Q. M	r. Rush, do you have a copy of Don
21	Johnstone's test	imony?
22	Α. Ι	do not.
23	Q. O	kay. Do you mind if I walk over?
24	А. А	bsolutely.
25	M	R. BARTELS: Judge?

Page 1019 THE WITNESS: Come right over. 1 2 JUDGE JORDAN: You may. 3 BY MR. BARTELS: If I could just direct you to page 3, 4 Q. 5 Line 18, and if you could just read through that and take a little time. I'd just like to ask you a couple of 6 7 questions. 8 Α. I read it. 9 Do you recall the technical conference that Q. Mr. Johnstone addressed? 10 11 Α. I sure do. 12 Okay. Is Kansas City Power & Light Q. 13 reluctant to give space heating customers an above average 14 increase as might be indicated by Mr. Normand's class cost 15 of service study? We are, and we've recommended that we not 16 Α. 17 do that. We think that there is some fallout that would harm other customers, both non-heating customers and other 18 classes, particularly because of the margin contributions 19 that would come from this and the fallout that would come 20 21 from potentially losing customers and reducing load. 22 So we are very concerned with increasing 23 the space heating rate at a higher rate than the typical 24 increase that we're looking at, the average of that 25 increase, and we think that that is the wrong policy

Page 1020

- 1 decision to go after.
- 2 Q. And it did appear that it is an above
- 3 average increase?
- 4 A. It is above an average increase. I have
- 5 learned much information from MGE about information that
- 6 was not quite clear in their testimony, but the increase
- 7 even looks greater than even maybe what I represented.
- 8 Q. That was just what I was kind of seeing
- 9 back there. I wanted to make sure we were on the same
- 10 page.
- 11 A. We are.
- 12 Q. All right.
- A. We're very concerned with doing this, and
- 14 plus we've agreed to at MGE -- or pardon me -- at our GMO
- 15 operation to do an overall class cost of service and rate
- 16 design to look at bringing the two L&P and MPS units
- 17 together in prices. Quite frankly, that's the time to
- 18 look at that if you're really going to look at that
- 19 proportional share of what you should do as a rate design.
- 20 Q. Is there anything that you might think
- 21 would add or your company could add to offering more space
- 22 heat or reintroducing some of these programs that have
- 23 been frozen?
- 24 A. Well, one of the things that we need to
- 25 look at long-term is contribution to margin. That is,

	Page 102					
1	what are pricing schedules that contribute to the overall					
2	reduction in other costs and other customers' rates? And					
3	to try to say that space heating rates should be at an					
4	equal level return is not really a policy that makes a lot					
5	of sense if it's hurting the other customers themselves.					
6	So we don't want to hurt general use					
7	customers, we don't want to hurt businesses, we don't want					
8	to hurt anybody by taking away sales that would end up					
9	resulting in increasing rates higher than they are today.					
10	That's what we're most concerned with.					
11	MR. BARTELS: No further questions. Thank					
12	you.					
13	JUDGE JORDAN: Office of the Public					
14	Counsel?					
15	MR. MILLS: No questions.					
16	JUDGE JORDAN: Staff?					
17	MS. KLIETHERMES: Yes, Judge. Thank you.					
18	CROSS-EXAMINATION BY MS. KLIETHERMES:					
19	Q. Good evening, Mr. Rush.					
20	A. Good evening.					
21	Q. In your opinion as an expert on class cost					
22	of service and rate design, does the stipulation filed in					
23	the KCPL case reasonably allocate any rate increases?					
24	A. It does reasonably allocate the rate					
25	increases.					

Page 1022

- 1 Q. And, in fact --
- 2 A. You're talking about for KCP&L and you're
- 3 talking about the proposal of which there would be a
- 4 1 percent increase to the residential class and a like
- 5 reduction on an equal basis to the small, medium, large
- 6 and large power classes?
- 7 Q. I am.
- 8 A. Okay.
- 9 Q. And is that proposal that you just
- 10 referenced or that stipulated position you just
- 11 referenced, to your knowledge, is that similar if not
- 12 identical to Mr. Scheperle's recommendation in the KCPL
- 13 case?
- 14 A. I don't remember the specifics, but I think
- 15 it's very close. I don't remember the exact details of
- 16 that. I'd just have to look at the schedule.
- 17 Q. Fair enough. And would you consider
- 18 Mr. Scheperle an expert on class cost of service and rate
- 19 design?
- 20 A. I would. I may have various disagreements
- 21 with allocations, but I do believe he is an expert in the
- 22 area.
- Q. Fair enough. And as a mechanical point, in
- 24 the discussion that's just occurred about the MGE various
- 25 proposals regarding space heating, do I understand

Page 1023

- 1 correctly that one of MGE's proposals would involve
- 2 freezing the tariff sheet?
- 3 A. They have made that proposal.
- 4 Q. And in your view, as someone at KCPL and
- 5 GMO with quite a bit of influence in how K-- is it true
- 6 that at KCPL and GMO you have quite a bit of influence in
- 7 how those companies interpret their tariffs?
- 8 A. I have a lot of involvement with the
- 9 interpretation of tariffs, yes.
- 10 Q. As you interpret those tariffs, what
- 11 language would be necessary in those tariffs to effectuate
- 12 a freeze? I understand you oppose MGE's recommendation,
- 13 but were the Commission to adopt that recommendation, what
- 14 language would need to appear in the tariffs or in a
- 15 Report and Order?
- 16 A. Quite a substantial amount. You have to
- 17 decide whether you're freezing the property, you're
- 18 freezing the customer, what -- what you're really trying
- 19 to do. It's a very complicated set of information. We
- 20 turn around, turn customers over. Almost a third of our
- 21 customer count names change every single year. So you
- 22 have to figure out, okay, did you freeze the premise? How
- 23 are you going to monitor and manage that premise and -- or
- 24 are you freezing it to the customer so if the customer
- 25 moves?

	Page 1024
1	I mean, there's all kinds of things that
2	would have to be done to assure that that would occur if
3	you did freeze it. We had a similar case with regard to
4	our small business, and we've had quite a few
5	complications associated with that when the Commission
6	ordered us to freeze some of our small general service,
7	medium general service and large general service
8	all-electric rates.
9	Q. So if simply the word frozen was if the
10	Commission simply ordered KCPL and GMO to stamp the word
11	frozen on the designated tariff sheets, how would you
12	interpret that?
13	A. I don't know. I'd have to I'd have to
14	talk to the Staff and others to make sure I understood
15	what was the intent of that. I don't I don't know if I
16	could interpret it right away.
17	MS. KLIETHERMES: Thank you. Nothing
18	further.
19	JUDGE JORDAN: Questions from the Bench.
20	Commissioner Kenney, any questions for this witness?
21	COMMISSIONER KENNEY: Mr. Rush, no
22	questions. Thank you.
23	THE WITNESS: Okay. Thank you.
24	JUDGE JORDAN: I have no questions for you.
25	Redirect?

							Page 1025
1		MR.	FISCHER:	Thank	you,	Judge.	Just
2	briefly.						
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Page 1026 REDIRECT EXAMINATION BY MR. FISCHER: 1 2 Q. Let's go backwards, Mr. Rush. 3 Α. Okay. 4 Q. Staff counsel asked you about how you would 5 freeze the tariff sheet. Do you recall those questions? 6 Α. I do. 7 I believe you indicated that would be a Q. 8 rather complicated task? 9 Α. It is a complicated task. 10 Would you explain why that's so Q. 11 complicated? 12 Well, you have many, many customers. 13 you've got to come up with some mechanism of which when a customer calls in and says I'm moving or turn off my 14 15 service, what does that mean, and we have to interpret. There's a provision in there. Sometimes the meter is shut 16 17 off. Sometimes it's turned over to a different account. Sometimes it's put into a management account. You have to 18 know what you're going to do at that stage. 19 20 Other issues might -- and that's just if 21 you're talking about a customer side. If it's a premise 22 side, then you've got to be able to manage the premise and know what you're going to do with a frozen rate for the 23 24 premise because we have new construction activities happening all the time. We have, you know, 250,000 25

Page 1027 customers that we're dealing with that all can potentially 2 qualify for electric heat. 3 Ο. Have you had recent experience with 4 customer complaints and other problems related to quote, 5 freezing a space heating rate? 6 We've had a lot of complaints with regard Α. to our commercial side or our, we call it general service 7 side, which is small, medium, large general service. 8 We've had quite a few complaints because of the freezing, because we had construction in progress and you're trying 10 11 to figure out, okay, this customer was building a home and 12 planning to put electric heat in and now all of a sudden 13 they're exempted from it after the fact, and they had a plan to do so all up to that time, and they base their 14 15 decision on that electric heat rate or the heating rate. 16 Q. Have you had any formal complaints filed before this Commission regarding the freezing of such 17 18 rates? 19 We have. Α. 20 Would you explain what's happened in that Q. 21 regard? Well, Briarcliff was the name of the 22 Α. company, and we -- basically, the customer changed service 23 24 or changed names. They went from a management company back to the original owner's name. We terminated their 25

Page 1028

- 1 electric heating rate, said it was no longer available.
- 2 They filed a complaint. The Staff supported us on that
- 3 position, if I remember all the details, because of the
- 4 interpretation. We went through a hearing on it, and the
- 5 Commission decided to let the customer stay on the -- or
- 6 the new customer to be on the electric heating rate
- 7 because of a management agreement between the management
- 8 company and the customer.
- 9 It was a very complicated argument, as I
- 10 understand it, because they didn't -- when the management
- 11 company took over the customer name, they still had the
- 12 responsibility to the customer for some reason. I didn't
- 13 quite under-- I mean, I just know that the liability still
- 14 resided with the company, the customer itself.
- 15 Q. Regarding those customer complaints, is
- 16 there -- was there a concern about customer impact by your
- 17 customers?
- 18 A. Absolutely, yes.
- 19 Q. And did that come about as a result of a
- 20 proceeding where a competitor suggested that the rates be
- 21 frozen?
- 22 A. Yes. Now we're talking about -- that was a
- 23 result of basically the steam business in Kansas City
- 24 arguing that we shouldn't have electric heating rates for
- 25 the small commercial, medium and large, and it's created

	Page 1029
1	quite a few problems.
2	But the biggest problem I see, and it goes
3	back, it's just the impact that this will have on
4	customers without the evaluation of what really
5	constitutes proper pricing.
6	Q. Let's go to that topic. Counsel for MGE
7	asked you a lot of questions about your schedules and
8	customer impacts.
9	A. Right.
10	Q. I'd like to ask you to turn to some of
11	those schedules.
12	A. All right.
13	Q. I believe he asked you about your Schedule
14	TMR-8.
15	A. He did.
16	Q. I'd like to ask you to turn to
17	Schedule TRM-8, page 4 of 9.
18	A. Okay.
19	Q. You have a box in the middle around some
20	numbers, 24.03. Do you see that?
21	A. That's correct.
22	Q. Would you explain what that number
23	represents?
24	A. Well, that represented from our
25	understanding of the rate design at the time, obviously

	Page 1030
1	MGE has presented evidence that from theirs they didn't
2	mean it the way I interpreted it. So there's a different
3	price. But the problem I had is I didn't have anybody
4	showing what the impact to these customers would be on a
5	typical basis. This
6	Q. I'm sorry. I'm going to stop you there.
7	You didn't have an MGE customer impact study in this case?
8	A. MGE did not do an impact study for typical
9	customers, and so I wanted to present something from our
10	interpretation that would show the level of impacts.
11	Q. What does that 24.03 percent represent?
12	A. The 24.03 represented the typical usage
13	for with no rate increase but simply taking MGE's
14	proposal. So if you took MGE's proposal for this class of
15	customer, the typical customer would see a 24 percent
16	increase in their bill before any rate increase occurred.
17	Q. Okay. The company has proposed what
18	percentage rate increase for, let's see, is this KCP&L?
19	A. This is KCP&L. It's it's approximately
20	15 percent, 15.1 percent, I believe.
21	Q. Well, let's just assume the Commission
22	granted a 10 percent overall increase. How would that
23	affect these customers, if they adopted the MGE proposal
24	as well?

Again, this is based on the numbers I used,

Fax: 314.644.1334

Α.

25

Page 1031

- 1 but it would be a 34 percent increase.
- 2 Q. You think customers would have a concern
- 3 about the impact of a 34 percent increase on their bill?
- 4 A. I think they might have a significant
- 5 concern.
- 6 Q. You think the company would have a concern
- 7 about having a 34 percent increase on their bill?
- 8 A. Yes, very much so. Very much so.
- 9 Q. If we go to the other case, let's turn to
- 10 Schedule TR-12. I believe you were asked about that.
- 11 A. I was.
- 12 Q. Let's go to -- this is the L&P proposed
- 13 residential base rate. It's -- let's go to the seventh
- 14 page back where there is a box around the typical rate
- 15 that has a 12.58 percent increase.
- 16 A. I'm there.
- 17 MR. JACOBS: I'm sorry. Could you help me
- 18 get there?
- 19 MR. FISCHER: It's TR-12, seventh page
- 20 back. It's entitled MGE L&P Proposed Residential Base
- 21 Rate Typical Bill Impact Analysis Rate Elimination.
- MR. JACOBS: Thank you.
- 23 BY MR. FISCHER:
- Q. Mr. Rush, what does that 12.58 percent
- 25 increase represent to you?

1	Page 1032  A. It represents for the L&P district, because
2	we do look we look at each district, it represents a
3	typical customer and what the impact would be from taking
4	MGE's proposal as we interpreted it and changing the rate,
5	and it would result in a 12.58 percent increase to a
6	customer before any rate increase were applied.
7	Q. And did the company propose a larger
8	increase for L&P than you did for KCP&L?
9	A. No, it wasn't a larger increase, but it was
10	about 13 percent, I believe, for L&P.
11	Q. Okay. And so if the Commission granted a
12	10 percent across-the-board increase, how would that
13	impact these customers if they also adopted the MGE
14	proposal?
15	A. Again, it would be 22.58 percent. So
16	customers would most likely be we would have a problem,
17	a concern.
18	Q. Did the company have a rate case last
19	the last rate case where L&P customers got a larger than
20	average increase?
21	A. We did, yes. We have a phase-in that's
22	going on right now, and so we as a result of the Iatan
23	case
24	Q. Did you
25	A L&P customers got a larger increase.

Page 1033

Fax: 314,644,1334

- 1 They got about a 21 percent rate increase overall.
- 2 Q. Did you have some customers raise some
- 3 concerns about that?
- 4 A. Yes.
- 5 Q. Would another above average increase for
- 6 these kinds of customers have -- be likely to invoke any
- 7 kind of reaction?
- 8 A. Very much so, yes. The concern obviously
- 9 is there's really no foundation to say let's do this
- 10 because these customers are providing a contribution to
- 11 the margins, and I don't think that it's in the best
- 12 interests -- you know, when we talk about cost-based
- 13 rates, we're not talking about every single rate category
- 14 provides an equal rate of return. We're talking about
- 15 overall we look at everybody has got to pay minimally
- 16 their variable costs, and we need to look at that.
- 17 Q. Mr. Bartels asked you some questions along
- 18 that line. Are the company's space heating rates covering
- 19 their incremental or variable costs and making a
- 20 contribution to fixed charge?
- 21 A. You know, that's a good question because in
- 22 my testimony I presented what I call a fixed variable
- 23 pricing, and that's similar to consistent with what MGE
- 24 did, does in their current pricing scheme. MGE's pricing
- 25 essentially covers all of their fixed costs in the

Page 1034

Fax: 314,644,1334

- 1 customer charge, and then they have a variable cost, which
- 2 is their gas cost. And I presented that both in the
- 3 MGE -- pardon me, in the GMO testimony in my surrebuttal
- 4 as well as in my KCP&L.
- 5 And for GMO, the variable price is
- 6 approximately 3 cents a kilowatt hour. So anything above
- 7 3 cents per kilowatt hour is contributing to the margins,
- 8 and at KCP&L it's much less than that. It's in the 2 cent
- 9 rate. So if you think about pricing, you would say for a
- 10 residential customer, as long as I'm contributing --
- 11 covering my variable costs, contributing to my margins,
- 12 you know, that's what you've got to assure that you're at.
- 13 You do not want to sell electricity below the variable
- 14 price that you have.
- 15 Q. Mr. Rush, if the Commission adopted a
- 16 proposal that would cause space heating customers to drop
- 17 the service, would you lose that margin?
- 18 MR. JACOBS: I would object to that as
- 19 being beyond the scope of cross.
- 20 MR. FISCHER: Judge, there were questions
- 21 regarding the fallout regarding the loss of margin
- 22 contribution earlier on when Mr. Bartels was asking about
- 23 that.
- JUDGE JORDAN: Overruled.
- 25 THE WITNESS: I believe that we would have

Page 1035 a large fallout if you increase customers' rates to where 2 essentially they were priced out of their product line and 3 they said, you know, that it doesn't make sense to keep electric heat here. That, quite frankly, is not the way rates are designed. We -- the space heating class is a 5 class of customer that has distinct usage characteristics 6 7 much different than all other customers that are general 8 use, particularly because they have electric heat and how the characteristics of the load profile that's used. 10 If you lost space heating customers, would Q. 11 that affect general use residential customers or other 12 customers? 13 It would result in increasing their rates to recover the lost margins of the space heating 14 15 customers. 16 Q. Would that be a good thing? 17 Α. I don't believe it is. You also mentioned in answer to Mr. Bartels 18 Q. 19 that it would be appropriate to look at this kind of an 20 issue I believe when you were looking at the L&P/MPS rate 21 consolidation study; is that true? 22 That is very true. One of the things that 23 we have committed to doing in this case, in the GMO case is to take an overall look at our class cost of service 24 for both the L&P and the MPS districts and then look at 25

Page 1036

- 1 bringing their rates together or merging the rates to one
- 2 system rate.
- 3 The thing that's in particular been very
- 4 much emphasized to us is we need to also consider how that
- 5 might impact KCP&L, so that at some time down the road
- 6 that may occur. But for right now, it's -- we're agreeing
- 7 to do the L&P and MPS evaluation, but we need to keep in
- 8 consideration what impact that may have with KCP&L and
- 9 their overall rate design that should be attributable to
- 10 both, both companies.
- 11 Q. Let's go to the counsel for MGE. I think
- 12 at the end of the examination you were asked a question
- 13 whether you had ever done -- suggested anything contrary
- 14 to your shareholders' interests. Do you recall that
- 15 question?
- 16 A. I do.
- 17 Q. Has MGE proposed anything that would
- 18 advance the competitive interests of MGE's shareholders in
- 19 your opinion, in this case?
- 20 A. I believe that's specifically what they're
- 21 doing.
- 22 Q. You were also asked a question about a
- 23 point in your testimony about the self interest of MGE in
- 24 this case. Do you recall that?
- 25 A. I do.

Page 1037 1 Q. Why do you believe that MGE has a self 2 interest in this case? 3 Because their hope in my mind is to eliminate the all-electric rate so that they can promote 4 5 and encourage customers to switch to natural gas. 6 Has KCPL ever intervened in an MGE rate Ο. 7 case to propose rate design changes that would benefit 8 your customers? 9 Α. I'm not aware of any. I've been at KCPL for 11 years and 30-some years in the business in this 10 11 area of the country, and I don't ever remember doing that. 12 Did MGE include -- they challenged some of Q. your numbers, I believe, in your cross-examination. 13 14 Α. Right. 15 Do you recall that? Q. 16 Α. Yes. 17 Ο. Did I understand that if you corrected those numbers, there might be an impact on those? 18 19 Α. Just a quick evaluation. First of all, I 20 didn't grasp the schedule that he had because there was no 21 billing comparison information. That's why I introduced

be larger, but without an evaluation, I couldn't attest

bill comparison information into my testimony. But based

on his -- based on the cross-examination and my knowledge,

it appears that those increases for space heating may even

Fax: 314.644.1334

22

23

24

25

Page 1038

Fax: 314,644,1334

- 1 that that is correct.
- 2 Q. So that would be one thing a policymaker
- 3 might want to look at?
- 4 A. Absolutely. I mean, I'd be happy to -- if
- 5 I had all the facts, further facts, I could redo all of
- 6 this. I'd be happy to do that.
- 7 Q. Did you understand at the time you filed
- 8 your testimony there would be any impact on summer rates
- 9 if the Commission adopted the MGE proposals?
- 10 A. I did not.
- 11 O. There's been a lot of talk about customer
- 12 impacts. Would you in closing explain why this company's
- so concerned about customer impacts?
- 14 A. Well, the company has gone through a huge
- 15 construction cycle since the implementation of the
- 16 regulatory plan back in 2005 and customers' rates have
- 17 gone up. To exaggerate that increase further by changing
- 18 rates at this time when we're looking at doing studies,
- 19 we've done evaluations I don't think is appropriate, and I
- 20 think it will cause a lot of stresses on customers at a
- 21 time when the economy is not in the best shape.
- 22 I further think that we have done class
- 23 cost of service studies in every one of those cases.
- 24 We've done what the Commission directed and followed all
- 25 the principles of that. To bring it up at this time will

Page 1039 just cause further problems with customers. 2 MR. FISCHER: Judge, that's all I have. 3 Thank you very much. JUDGE JORDAN: That was redirect, so that's 4 5 the end of your examination. You may stand down. Next witness. 6 7 MS. KLIETHERMES: Staff calls Michael 8 Scheperle. 9 (A BREAK WAS TAKEN.) 10 JUDGE JORDAN: We will go back on the 11 record. You may proceed. 12 MS. KLIETHERMES: Thank you, Judge. Ms. KLIETHERMES: Good evening, 13 Mr. Scheperle. Could you please spell your last name for 14 the record? 15 MR. SCHEPERLE: Yes. Scheperle, 16 17 S-c-h-e-p-e-r-l-e. And I probably need to be sworn in. JUDGE JORDAN: That was what I was about to 18 say. Sorry to mislead you. Please raise your right hand. 19 20 (Witness sworn.) 21 JUDGE JORDAN: Sorry about that. 22 MS. KLIETHERMES: Thank you, Judge. MICHAEL SCHEPERLE testified as follows: 23 DIRECT EXAMINATION BY MS. KLIETHERMES: 24 25 And, Mr. Scheperle, has your spelling Q.

Fax: 314,644,1334

Page 1040 changed since you've been sworn in? 2 Α. No. 3 Q. Could you please state your address and 4 your business title? 5 Α. The address is Post Office Box 360, 65102, and my title is manager of economic analysis section, 6 7 energy unit. 8 Q. Thank you. Did you prepare direct testimony in these matters given Exhibit Nos. 212 and 268? 10 Α. Yes. 11 And did you participate in the preparation Q. 12 of Staff's class cost of service report, Nos. 211 and 267? 13 Α. Yes. 14 Q. And did you prepare rebuttal No. 233 and 15 287? 16 Yes. Α. 17 Q. And surrebuttal No. 255 and 3011? 18 Α. Yes. 19 Q. Do you have any changes or corrections to 20 make to any of those documents? 21 Α. No corrections. 22 Q. And were I to ask you the same questions 23 today, would your answers be the same? 24 Α. Yes, they would. 25 MS. KLIETHERMES: Judge, I would tender

	Page 104
1	this witness and offer the totality of the Staff class
2	cost of service reports in both matters, and of course his
3	direct, surrebuttal and rebuttal testimonies. And if this
4	is a convenient time, if this is the last issue, I I
5	would offer remainder of Staff's testimony including the
6	cost of service reports in their totalities.
7	JUDGE JORDAN: I do not know whether this
8	is the last issue.
9	MS. KLIETHERMES: I've just been directed
10	that we still have MEEIA as an issue, and so I will
11	withdraw that offer of the testimonies other than those
12	participated in by Mr. Scheperle.
13	JUDGE JORDAN: Not hearing any objections.
14	MR. FISCHER: No objection here.
15	JUDGE JORDAN: Those that will be
16	admitted into the record.
17	(STAFF EXHIBIT NOS. 211, 212, 233, 255,
18	267, 268, 287 AND 3011 WERE RECEIVED INTO EVIDENCE.)
19	MS. KLIETHERMES: Thank you, Judge, I
20	tender this witness for cross.
21	JUDGE JORDAN: Cross-examination from AARP
22	or Consumers Council of Missouri? I think there won't be
23	any. And from the Office of Public Counsel?
24	MR. MILLS: Thank you, Judge. Just a few

Fax: 314.644.1334

questions.

25

Page 1042 CROSS-EXAMINATION BY MR. MILLS: 2 Mr. Scheperle, Staff used the base, Q. 3 intermediate and peak method for allocating production costs, did you not? 4 5 Α. Yes. 6 And KCPL used that as well for allocating Ο. 7 production costs, correct? We both call it the base, intermediate and 8 Α. peak method. 10 And in your testimony, you noted that the Q. 11 base, intermediate and peak method is discussed in the 12 NARUC manual, did you not? 13 Α. Yes. 14 Q. Is that sort of an important stamp of 15 approval for an allocation method, that it's actually 16 discussed in the manual? 17 Α. I would say yes. 18 It gives it some legitimacy? Q. 19 Yes. Α. 20 Now, in that manual it generally discusses Q. 21 how to use a particular allocation method as well as just 22 describing what it is, correct? 23 Α. Correct. 24 Q. And do you happen to have a copy of the

Fax: 314.644.1334

manual there with you?

25

Page 1043 Α. No, I do not. 1 2 MR. MILLS: Judge, may I approach? 3 JUDGE JORDAN: You may. BY MR. MILLS: 4 5 Q. Now, the base, intermediate and peak method is discussed at page 60 of the manual, correct? 6 7 Α. Yes. 8 Q. And at page 61 there is a table that shows the implementation of the base, intermediate and peak method, correct? 10 That is correct. 11 Α. 12 Q. And in that table it shows the demand 13 allocation factor using three summer and three winter 14 peaks, correct? That's the first column after the labels? 15 Yes. That's Table 4-17. Α. 16 Q. Correct. And in the NARUC explanation of 17 the base, intermediate and peak allocation method, are those three summer and three winter peaks coincident or 18 19 non-coincident? 20 It really doesn't say there, but from my 21 experience, I would say they're coincidental peaks. 22 Q. Let me get you to turn back to page 45. I'm there. 23 Α. 24 Q. And on page 45 of the NARUC manual, does it 25 not show that the development of the demand allocation

Page 1044 factors that are reflected on Table 4-17, are those not 2 the same allocation factors? 3 They are the same allocation factors. 4 Q. And doesn't the description of the 5 derivation that goes with the table on page 45 show that those are coincident peaks? 6 7 Α. Yes, they do. 8 Q. In your implementation of the base, intermediate and peak, did you use coincident or 10 non-coincident peaks for your demand allocation factor? I used non-coincidental peaks because I was 11 Α. 12 trying to eliminate free ridership, and that's explained 13 quite a bit in the class cost of service study. 14 Q. In KCPL's implementation of the base, peak, did they use coincident or non-coincident peaks? 15 Α. As far as my recollection, I think they 16 17 used coincidental peaks. And is that difference one of the drivers 18 Q. 19 behind the different class revenue responsibilities that 20 your study showed in relation to KCPL's study? 21 Yes, that would be one of the differences. Α. 22 Q. Okay. Because your study shows that there 23 is a shift to residential necessary, correct? That is correct. 24 Α. 25 And KCPL's study did not? Q.

Page 1045 Α. I believe that's correct. 1 MR. MILLS: Okay. That's all I have. 2 3 Thank you. JUDGE JORDAN: Mr. Woodsmall? 4 5 MR. WOODSMALL: Yes, briefly, your Honor. CROSS-EXAMINATION BY MR. WOODSMALL: 6 7 Good afternoon, Mr. Scheperle, or evening. Q. 8 Α. Good evening. 9 Mr. Scheperle, is it true that you Q. 10 performed a class cost of service study using a method 11 which you describe as base, intermediate and peak, or BIP? 12 Α. Yes. 13 Q. Mr. Normand also calls his study a BIP 14 method, too, doesn't he? 15 Yes, he does. Α. Is it correct to state that Staff's version 16 Q. 17 of the BIP is considerably different than Mr. Normand's 18 version? 19 It's considerably different, yes. Α. 20 And you have outlined the difference Q. 21 between your methodology and Mr. Normand's methodology at pages 8 through 13 of your rebuttal; is that correct? 22 23 Α. Yes. 24 Q. Okay. You have -- in your rebuttal 25 testimony, I believe at Schedule MSS-R1, you have provided

Page 1046

- 1 a summary of the results of the various cost of service
- 2 studies presented in this case; is that correct?
- 3 A. Yes.
- 4 Q. For the record, you use the term index of
- 5 return there. Can you tell me what index of return means?
- 6 A. It's the -- the rate of return of each
- 7 class or rate schedule. Like, an index of return of one
- 8 means that the class is paying its way. If you're below
- 9 one, the class is not paying its way. If it is over one,
- 10 the class is contributing more than the class cost of
- 11 service.
- 12 Q. And do you have that table in front of you?
- 13 A. Yes, I do.
- 14 Q. Looking at the results for the six cost of
- 15 service studies presented in this case, and focusing first
- on the residential class, would you agree that the cost of
- 17 service results for Staff, DOE and the three studies by
- 18 Mr. Brubaker are all fairly close to one another?
- 19 A. Yes.
- Q. And the results for Mr. Normand's study for
- 21 residential are quite different, aren't they?
- 22 A. Yes. He is -- for the whole residential
- 23 class, he's at .98. The other studies are in the range of
- 24 .53 to .42.
- Q. And moving down to the lower part of that

Page 1047 schedule, looking at the large power class, would you 2 agree that the conclusion is similar, that Staff's, DOE's 3 and Industrials' numbers are fairly close and Mr. Normand's results are considerably different? 5 Α. Yes. 6 Q. Mr. Scheperle, are you aware that the 7 Commission has explicitly adopted the use of the average 8 and excess 4NCP methodology in a recent Ameren Missouri 9 case? 10 Yes, I am. Α. 11 Do you know the methodology by which Q. 12 Missouri allocates costs between Missouri and Kansas, 13 allocates generation costs between Missouri and Kansas? 14 My recollection is that they use a 4CP. Α. 15 Q. And looking at the results of your study, 16 your version of the BIP method produces results fairly similar to the A&E average and excess 4NCP method used by 17 Mr. Brubaker; is that correct? 18 19 That is correct. Α. 20 And Mr. Normand's studies aren't Q. 21 comparable, are they? For the small general service, for the 22 class in its entirety is close in Mr. Normand's and 23 24 everybody else's. The medium general service is not -there's a difference, but it's not very large. But the 25

Page 1048 residential, large general service and large power 2 service, there's quite a difference. 3 MR. WOODSMALL: Thank you. No further 4 questions. 5 JUDGE JORDAN: Cross-examination from 6 Southern Union? 7 MR. JACOBS: Let me ask a procedural 8 question in terms of timing. I don't want to be -- I don't want to run too long. I'm at your disposal obviously, but I've got a fair amount of cross. 10 JUDGE JORDAN: Well, I've been proceeding 11 12 on the assumption that the parties will let me know they want to break, whether they want to, because they have a 13 better understanding of what they're going to do than I 14 do. I do not have a preference. I'll just put it that 15 way. Is that something that the parties want to discuss? 16 17 MR. FISCHER: I think we should press ahead, Judge. 18 19 JUDGE JORDAN: And so we're going to proceed with this witness, cross-examination of this 20 21 witness, and so we'll go through all remaining issues tonight. Is that the parties' preference? 22 MR. FISCHER: I think we can get it done. 23 24 MR. WOODSMALL: I'd prefer it. 25 MR. MILLS: Judge, the only caveat I'd add

Fax: 314,644,1334

	Page 1049
1	is that I think we've got some sort of ministerial stuff
2	at the end because there is a lot of testimony that the
3	parties have stipulated to admit into the record because
4	of the various stipulations and agreements, and I don't
5	know, do you want to take that up on the record tonight as
6	well?
7	JUDGE JORDAN: I don't really have a
8	preference. It sounds like the parties want to wrap this
9	up today and not use tomorrow, but we do have tomorrow
10	reserved.
11	MR. MILLS: It doesn't matter to me.
12	MR. FISCHER: I can do it either way. I'd
13	be happy to come back if it's just ministerial and let the
14	witnesses go too. I think we can get it all done. I
15	really do.
16	JUDGE JORDAN: Let's go through the
17	witnesses and send them on their way and take it from
18	there.
19	CROSS-EXAMINATION BY MR. JACOBS:
20	Q. Good evening, sir.
21	A. Good evening.
22	Q. How are you?
23	A. Just fine.
24	Q. Good. I want to take you first to your
25	surrebuttal testimony, bear with me one minute, and I want

Page 1050

- 1 to take you to 0175.
- 2 A. Which case?
- 3 Q. 0175, GMO. And taking you to the table at
- 4 page 4, and there's two tables there; is that right? Let
- 5 you get there. Sorry.
- A. Yes, there is two tables.
- 7 Q. Okay. And I'm going to spend a little bit
- 8 of time on this. But on reading your testimony, it says
- 9 that your intent -- at least my understanding of your
- 10 intent in Table 1 is to show customer bill impacts
- 11 associated with Mr. Cummings' recommendation to eliminate
- 12 in Table 1 MPS's residential space heating service; is
- 13 that right?
- 14 A. That is correct.
- 15 Q. And so this shift is your attempt to show
- 16 what Mr. Cummings' recommendation is, what the results of
- 17 his recommendation were?
- 18 A. I think it was my attempt not to take into
- 19 account Mr. Cummings' recommendation but to show what just
- 20 eliminating the space heat, space heating rate, the
- 21 impacts.
- 22 Q. I'm going to hand you a document, if I can
- 23 approach.
- JUDGE JORDAN: You may.
- 25 BY MR. JACOBS:

Page 1051

- 1 Q. Okay. This is just for illustrative
- 2 purposes. I'm not planning on entering this into the
- 3 record. But what I've handed you is what I understand to
- 4 be your work papers, is that correct, at least on the
- 5 first -- I'll go through each document, but on the first
- 6 page, these are your work papers?
- 7 A. I believe this is the same thing I have in
- 8 Table 1.
- 9 Q. And that shows the calculations that you
- 10 used to come up with the impact or the differences that
- 11 you show on Table 1?
- 12 A. That is correct.
- 13 Q. Now, the rates that you use to calculate
- 14 the bill impacts, those are -- those are the current
- 15 general use rates and the current space heating rates for
- 16 MPS; is that right?
- 17 A. Those are the -- I believe those are the
- 18 current rates, yes.
- 19 Q. And so when you look at the annual
- 20 percentage difference in that column in Table 1, that
- 21 represents a difference between a general use customer's
- 22 annual bill today at current rates and a space heating
- 23 customer's annual bill today at various usage levels; is
- 24 that right?
- 25
  I'm sorry. Let me start that again. What

Page 1052

- 1 you're trying to do in this table and what you use in your
- work papers is that you've got various monthly usage,
- 3 you've got general use, annual bills, general use space
- 4 heating annual bills, annual difference, percent
- 5 difference and that's all at current rates; is that right?
- 6 A. That is current rates, yes.
- 7 Q. Now, have you looked at -- you've reviewed
- 8 I'm sure as part of your preparing your testimony, you've
- 9 looked at Mr. Cummings' testimony recommendations; is that
- 10 right?
- 11 A. Yes.
- 12 Q. One of the documents that I've handed you
- 13 in that stack is -- it refers -- I've given you some of
- 14 Mr. Cummings' schedules; is that right?
- 15 A. Yes.
- 16 Q. Now, is your understanding of Mr. Cummings'
- 17 recommendation -- this will be a long sentence, so I'll
- 18 just ask you to listen to it -- is that in Mr. Cummings'
- 19 recommendation, is he recommending that when you eliminate
- 20 space heating service, that the space heating customers
- 21 would be shifted to the general use schedule and,
- 22 therefore, would pay the same winter rates that current
- 23 general use customers pay today?
- 24 A. There would have to be a rate design if you
- 25 were actually eliminating electric space heating rates.

Page 1053

- Q. I'm not asking what should be done. I'm
- 2 asking what Cummings did.
- 3 MR. FISCHER: Judge, I'm going to object.
- 4 I don't -- it's calling for speculation if Mr. Scheperle's
- 5 being asked what Mr. Cummings did.
- 6 MR. JACOBS: I'm asking just for what his
- 7 understanding is.
- 8 JUDGE JORDAN: I'll overrule that
- 9 objection. That's my understanding of the question also.
- 10 THE WITNESS: Mr. Cummings had quite a few
- 11 recommendations in there. I mean, some of them were to
- 12 reassign the rates. There was another proposal of
- 13 eliminating rates, and there was quite a few scenarios
- 14 involved there.
- 15 BY MR. JACOBS:
- 16 Q. And it's hard to probably get a synopsis of
- 17 that in a single answer. So let me help you out. Does he
- 18 recommend that there's a revenue neutral adjustment in the
- 19 case?
- 20 MS. KLIETHERMES: Judge, I'm going to
- 21 object. I think it's mainly an objection to the form of
- 22 the question, but perhaps in how I state my objection
- 23 counsel will choose to rephrase his question. I think
- 24 that there's an objection to the question as phrased, that
- 25 it assumes facts that are not in evidence. He's asked

Page 1054

- 1 what is his recommendation. I think Mr. Scheperle has
- 2 just testified there are multiple recommendations that are
- 3 potentially confusing. So I think if counsel would want
- 4 to clarify that question to a particular recommendation,
- 5 Mr. Scheperle would like to provide an answer.
- 6 MR. JACOBS: I can walk through if you
- 7 like.
- JUDGE JORDAN: That's fine by me.
- 9 BY MR. JACOBS:
- 10 Q. One of the questions I asked you is if you
- 11 reviewed Mr. Cummings' testimony and recommendations,
- 12 right?
- 13 A. Yes.
- 14 Q. And I also asked you -- well, let me ask
- you now, then. You read Mr. Cummings' testimony.
- 16 Obviously this is at different stages in the proceeding,
- but when he filed testimony, recommendations or had
- schedules, you read that; is that right?
- 19 A. I read them.
- 20 Q. And did you review his recommendations
- 21 prior to writing your testimony, obviously given the fact
- 22 that some would be filed before and after you came up with
- 23 testimony at different stages in the proceeding?
- 24 A. I did not -- I mean, I -- Staff made
- 25 their -- its direct case in its direct testimony and its

Page 1055 class cost of service. From that point, then, Mr. Cummings, I think, filed direct testimony at the same 3 time. 4 Q. Let me try a different question. 5 reviewed his testimony, correct? 6 Α. Yes. 7 And do you recall in Mr. Cummings' 8 testimony that he recommended a revenue neutral adjustment in the case? 10 As one of his proposals, there was a Α. revenue neutral adjustment. 11 12 And he also recommended that there's a Q. removal of seasonal inequities, as he describes it, now 13 14 between summer and winter rates; is that right? 15 I remember the wording in there, yes. Α. 16 Q. And he also recommends to, after that 17 adjustment, to equalize winter rates, equalize the winter rate of return; is that right? 18 19 I remember reading that. Α. 20 And he recommends that there's an Q. 21 elimination of or freeze of the electric space heating 22 rates in both cases; is that right? 23 Yes. You're getting into different Α. 24 proposals now. I mean, you're getting into revenue neutral and then you're getting into another freeze 25

Fax: 314,644,1334

Page 1056

- 1 proposal.
- 2 Q. I'm not trying to be tricky. I'm just
- 3 going through his recommendations, trying to see what you
- 4 understand his recommendations to be. But you recall
- 5 that -- I've walked you through some of his
- 6 recommendations in not a lot of detail. What I'm just
- 7 asking is, do you recall that he recommends to eliminate
- 8 or freeze electric space heating rates?
- 9 A. That was one of his recommendations.
- 10 Q. Okay. I believe I've handed you for review
- 11 Mr. Cummings' Schedule FJC-8A as in alpha. Can you find
- 12 that, please?
- 13 A. Yes.
- 14 Q. Could you look at winter rates that apply
- 15 with the elimination of space heating? And to get you
- there, it's general use B, lines 16 through 18.
- 17 A. I'm there.
- 18 Q. Can you tell me how those numbers compare
- 19 to current general use rates?
- 20 A. Are you in column B? Is that what you were
- 21 asking?
- 22 **Q.** Yes, sir.
- A. Well, they're different. I don't know
- 24 what -- eliminate electric space heating, I don't know if
- 25 that's summer or --

Page 1057 Q. Well --2 Α. -- winter or what we're doing. 3 Q. Do you know how those compare to current 4 rates? The first one is -- that you have in 5 Α. line 17 is higher than the current rates under general 6 7 use. The second --8 Q. What's your understanding of the current rate for that first block? 10 A. I think the current rates for the first 600 is 10.880. 11 12 Okay. And what number is in line B-17? Q. .1147. So he has -- he has -- Mr. Cummings 13 Α. has a higher rate than the current rate. 14 15 And I want to go to the next 400. Q. Yes. Okay. The next 400 would be -- it 16 Α. 17 would be -- if we're talking about summer rates -- no, wait a minute. Okay. Line 12 says it's winter energy 18 charges. Okay. The second rate in the winter energy 19 charges would be less than the current rates. 20 21 Q. Right. And what MG's recommending is .0645? 22 23 That is correct. Α. 24 Q. And the current rate and the rate that you 25 used in your calculation is .0745?

Page 1058 1 Α. Yes. 2 And that's lower? Q. 3 Α. No. Mr. Cummings has a lower rate there. 4 Q. Thank you. So going back to your work 5 paper, I guess what I'm trying to get to is that Mr. Cummings, when he gives a recommendation, he's given 6 7 his recommendation in this case, he's not recommending 8 that general use customers for the summer -- does he recommend general use customers for the summer go to the 10 same rate? 11 MS. KLIETHERMES: I'm going to object to 12 the form of the question just because it was unclear how rate was used there. I think I understand what counsel is 13 14 saying. 15 MR. JACOBS: Let me withdraw that. Thank you for the clarification. It's late. 16 17 BY MR. JACOBS: In line 16 through 19, okay, we just talked 18 Q. 19 about how the rates that Mr. Cummings has in his schedule 20 for general use are different than what current rates are; 21 is that right? 22 Α. For the winter, yes. 23 Q. For the winter. Thank you. And so when you talk about your calculation, you're assuming current 24 25 rates for both after you eliminate space heating rates in

Page 1059

your Table 1; is that right?

- your rable 1, 13 that right
- 2 A. Yes.
- 3 Q. And so what Mr. Cummings is proposing is
- 4 different than that because he's -- he's accounting for a
- 5 change?
- 6 A. Yes. I'm -- in my -- in my schedule, I'm
- 7 just taking basically what a general use annual bill would
- 8 be under the current rates and what a space heating annual
- 9 bill would be under the current rates. That is different
- 10 than Mr. Cummings' recommendation.
- 11 Q. And I maybe inartfully tried to get you
- 12 there, but all I'm trying to do really is to show that
- 13 this is your -- what you say in your testimony at Table 1
- 14 is not the same as what Mr. Cummings recommends, right?
- 15 It's really a -- I'll just stop there. It's not the
- same -- you don't have the same recommendation?
- 17 A. That's correct.
- 18 Q. And so when you compare what you showed to
- 19 be the impact on customers, in terms of the increases or
- 20 differences that would apply, that it's your -- it's not
- 21 really an apples-to-apples comparison; is that right?
- 22 A. That is correct.
- Q. Meaning that you're not trying to
- 24 illustrate in that table what Mr. Cummings' recommendation
- 25 **is?**

Page 1060 Α. That is correct. 1 2 You're illustrating what you recommend in Q. 3 the case in terms of if there is elimination of the space 4 heating rate, that you're accounting for the difference 5 that would happen if everybody went over to the general use, right? 6 7 Α. That is correct. 8 Q. And that doesn't account for any adjustments that have been made by Mr. Cummings in his 10 recommendations because your analysis and what you're 11 illustrating is different; is that right? 12 Α. Yes. 13 Q. So one of the surrebuttal schedules 14 for Mr. Cummings that I handed you was surrebuttal 15 Schedule FJC-2. Could you turn to that? 16 Α. Okay. I'm there. 17 Q. And I'm going to refer you to --18 Wait a minute. You said --Α. 19 Q. Sir, Schedule FJC 2, page 1. 20 Α. Okay. Yes. 21 Q. Take a look on page 1, line 8 of the 22 schedule. 23 Α. Okay. 24 What that shows is for electric space Q. 25 heating, the annual impact that Mr. Cummings shows, not

Page 1061

- 1 what you show but what Mr. Cummings shows, is that if you
- eliminate space heat, that he shows a 3.2 percent
- 3 difference or increase that customers would pay; is that
- 4 right?
- 5 A. What line are you on?
- 6 Q. Line 8, and then column C.
- 7 A. My -- I've got line 18 free space heat, and
- 8 then there's nothing -- there's nothing in column B or C,
- 9 unless I'm in the wrong -- oh, I'm in the 174 case. I'm
- 10 sorry.
- 11 **Q. 0175.**
- 12 A. Yeah. We're --
- 13 Q. It may have come loose, so it's 0175,
- 14 page 1, surrebuttal Schedule FJC-2.
- 15 A. Yeah. It's column C, line 8 shows
- 16 3.2 percent.
- 17 Q. Now, given the fact you agree that you're
- 18 not making the same comparison between what the rate
- 19 impact is, because Mr. Cummings has a different proposal
- than what you propose, do you have any reason to doubt
- 21 that 3 -- and subject to check the math, but do you have
- 22 any reason to doubt that Mr. Cummings' analysis under his
- 23 proposal, not yours, do you have any reason to doubt that
- his proposal would show 3.2 percent increase?
- 25 MR. FISCHER: I'm going to object that the

	Page 1062
1	witness has obviously been confused by the proposal and I
2	don't think he can make an evaluation based on that kind
3	of a question whether he can verify the figures that have
4	been provided by MGE in this case.
5	JUDGE JORDAN: If the answer to the
6	question is I don't know, the witness can say I don't
7	know.
8	THE WITNESS: I have not verified the
9	3.2.
10	BY MR. JACOBS:
11	Q. But based on the fact you've got different
12	comparisons, it wouldn't surprise you that you have
13	different numbers?
14	A. I haven't verified that number. I mean,
15	I yeah, because they are different comparisons.
16	Q. So it wouldn't surprise you that they're
17	different numbers?
18	A. That's correct.
19	Q. I'm going to shift down and back to your
20	surrebuttal testimony. It's Table 2 for L&P. It's on
21	page 4 of your surrebuttal testimony.
22	A. Okay.
23	Q. And that's constructed in the same way as
24	Table 1; is that right?
25	A. That is correct.

Page 1063

- Q. And so given the fact that we've talked
- about how these comparisons really aren't the same, that
- 3 you're not trying to show what Mr. Cummings'
- 4 recommendation is in the case, right?
- 5 A. In this case, I wasn't. I was basically
- 6 showing what -- why Staff is not recommending that we
- 7 eliminate any space heating rates.
- 8 Q. Okay. What you're trying -- I'm just
- 9 trying to show that -- I understand your recommendation,
- 10 but I'm just trying to show that the analysis is
- 11 different.
- 12 A. The analysis is different.
- Q. And so the bill impact would be different
- 14 as well, wouldn't it?
- 15 A. Yes, it would.
- 16 Q. I'm sorry. Bear with me one second. I'm
- going to shift you over to Case 0174.
- 18 A. Okay.
- 19 Q. And page 9 of your surrebuttal.
- 20 A. Yes.
- Q. Okay. On page 93 to 4, you indicate that
- you oppose the elimination of the space heating rate
- 23 because of potential rate shock; is that right?
- 24 A. Yes.
- 25 Q. And do you have a similar calculation like

Page 1064

- 1 you did in the GMO case Tables 1 and 2 that we were
- 2 talking about that show bill impacts associated with the
- 3 elimination of space heat?
- 4 A. I don't believe I showed it in here, but
- 5 when I was talking about the potential rate shock, I'm
- 6 talking about the increases that KCP&L's had since January
- 7 of 2007. They've had four cases since then.
- 8 Q. I'm just trying to get an understanding of,
- 9 did you do the same type of --
- 10 A. Well, I'm explaining the potential rate
- 11 shock. Like, in January of '07 they had 10.46 percent
- 12 increase. January 1 of 2008 they had a 6.50. In
- 13 September 1 of '09 they had a 16.16 percent increase, and
- 14 in May they had a --
- 15 Q. Just asking you a question about this case.
- 16 A. 5.25, and that's --
- 17 Q. Mr. Scheperle?
- 18 A. That's 43.80.
- 19 Q. Mr. Scheperle?
- 20 A. And that's the potential rate shock of
- 21 eliminating --
- JUDGE JORDAN: Mr. Scheperle.
- 23 THE WITNESS: I think I got -- if I can
- 24 answer the question.
- 25 BY MR. JACOBS:

	Page 1065
1	Q. I just want to know if you have a table.
2	A. No, I do not.
3	Q. So do you have a table in the same way that
4	you did in the other case
5	A. No.
6	Q that shows bill impacts?
7	A. No.
8	Q. I have to approach and show you in
9	Mr. Rush's surrebuttal in 0174, page 7. I'll let the
10	parties get their Rush surrebuttal in 0147, page 7. Are
11	you at Mr. Rush's surrebuttal at page 7?
12	A. I believe so.
13	Q. And there's a table there; is that right?
14	A. Yes.
15	Q. Is there a title on the table?
16	A. There's no title, but
17	Q. Is there a Staff a column that says
18	Staff column?
19	A. Yes.
20	Q. And just asking if you're familiar with
21	what those numbers are, yes or no?
22	A. I believe I'm
23	Q. I'm just asking about your numbers.
24	A. I believe it's the same table that
25	Mr. Woodsmall pointed me to earlier

		Page 1066
1	Q.	Okay. And
2	Α.	for further residential class.
3	Q.	Are these annual impacts? Or correction.
4	Are these annu	al indexes?
5	Α.	Yes.
6		MR. JACOBS: Okay. May I approach?
7		JUDGE JORDAN: You may.
8		(MGE EXHIBIT NO. 631 WAS MARKED FOR
9	IDENTIFICATION	1.)
10		JUDGE JORDAN: I'm sorry. Did you ask that
11	that be marked	1?
12		MR. JACOBS: Yes.
13		JUDGE JORDAN: Have you got copies for me?
14		MR. JACOBS: I do.
15		JUDGE JORDAN: And we'll need copies for
16	the Commission	ners also.
17	BY MR. JACOBS:	
18	Q.	Have you had a chance to look at that
19	document?	
20	Α.	I have a copy of it.
21	Q.	And the first two pages, if I'm correct,
22	are your Sched	dule MSS-1 in the 0174 case; is that right?
23	Α.	Yes.
24	Q.	And you prepared those documents?
25	Α.	Yes.

Page 1067

- 1 Q. The next several pages after the first two
- 2 pages of MSS-1 are your work papers that show the
- 3 allocation of costs in various schedules, rate schedules
- 4 to seasons; is that right?
- 5 A. Yes.
- 6 Q. And you prepared these in conjunction with
- 7 the case?
- 8 A. Yes. They were part of the work papers.
- 9 Q. And are they true and accurate to the best
- 10 of your knowledge and belief?
- 11 A. Yes.
- 12 MR. JACOBS: Your Honor, I'd seek to admit
- 13 MGE 631 into evidence.
- 14 JUDGE JORDAN: Not hearing any objections,
- 15 so that document is entered into the record.
- 16 (MGE EXHIBIT NO. 631 WAS RECEIVED INTO
- 17 EVIDENCE.)
- 18 BY MR. JACOBS:
- 19 Q. Okay. Mr. Scheperle, I just want to go
- 20 through fairly quickly just to kind of get some numbers
- 21 established on these. The first sheet you're showing the
- 22 annual results of increases, and then so you show
- 23 31.9 million for Res A; is that right?
- 24 A. The revenue deficiency for Res A would be
- 25 31. -- yes, 31.9 million.

Page 1068 And then 7.0 million for Res B 1 Q. 2 all-electric? 3 Α. Yes. 4 Q. And I'm -- I'm giving you general numbers. 5 That number's actually 6.967592? 6 Right. Right. Yeah. Α. 7 And then for space heat separate meter, Q. 8 3.2 million? Α. Yes. 10 And all of that is based on an overall Q. 11 system increase of 33.7; is that correct? 12 Yes. That was Staff's accounting schedules in their direct testimony. 13 14 Q. Thank you. If you go to your first work paper, it's Res A. 15 16 Α. Yes. 17 Q. And you show in that case a seasonal change for general use, and that percentage is an increase of 18 16.08 percent; is that right? 19 20 Α. Yes. 21 And then in Res B, the next page, annual 22 increase in all-electric 14.8 percent? 23 Α. Yes. 24 Q. And then the winter increase, the column 25 right next to it, is 29.53 percent increase?

Page 1069 Yes. 1 Α. 2 You go to Res C, percentage change in that Q. 3 case for annual cost 24.66 percent; is that right? 4 Α. Yes. 5 And then winter increase of 35.55 percent; Q. is that right? 6 7 Α. Yes. 8 MR. JACOBS: I have no further questions. 9 JUDGE JORDAN: Thank you, sir. 10 THE WITNESS: Thank you. 11 JUDGE JORDAN: Mr. Conrad, any 12 cross-examination? MR. CONRAD: No, sir. Thank you. 13 14 JUDGE JORDAN: Mr. Bartels, any cross? 15 MR. BARTELS: Briefly. CROSS-EXAMINATION BY MR. BARTELS: 16 17 Ο. I'm not sure if this is good evening or good night, Mr. Scheperle. A little late for myself. 18 19 Just one quick question for you. Would you agree that the 20 Brubaker 4NE NCP class cost of service does not support an 21 above average increase for the all-electric LGS subclass? I do know that Mr. Johnstone had sent me 22 23 some three pages of comparisons Friday night. It was 24 isolated to those three pages, but it did show that. 25 You were able to review those and Q.

Page 1070 1 differentiate? 2 Α. I could only review those three pages. 3 Q. Those three little points? Α. Pages. 5 And would you think that method was also Q. adopted in the recent Ameren UE case? 6 7 That method was adopted. It's been 8 about -- well, there's a current case before the Commission now. I think it was two cases ago for Ameren, but an A&E method was adopted. 10 11 And that was -- that was showing that the Q. 12 all electric LGS, that's what I'm kind of drilling into 13 and that's what Mr. Johnstone's three pages that were sent 14 to you on Friday were regarding? 15 Yes. It was isolated to those three pages, Α. 16 though. 17 MR. BARTELS: Thank you very much. 18 JUDGE JORDAN: Mr. Fischer? 19 MR. FISCHER: Yes. Thank you, Judge. CROSS-EXAMINATION BY MR. FISCHER: 20 21 Mr. Scheperle, let's make this somewhat 22 short. I want to go back to that table that we talked 23 about. I think it was included in Mr. Rush's surrebuttal, 24 and it was also included in your surrebuttal, that showed 25 the indexes of returns. Do you recall that?

Page 1071 Α. Yes, but it was -- was it in the KCP&L 2 case? 3 Q. It's in both of your cases. Let's look 4 at -- let's look at your surrebuttal first of all in the 5 GMO case, the 175 case. On page 3 of your surrebuttal --6 I'm sorry, your rebuttal testimony. 7 Α. I'm there. 8 Okay. And I believe you indicated that if the index of return is 1.0, that means there's no need for 10 an increase or a decrease; is that right? 11 Α. Yes. Yes. The class is paying its way. 12 It's paying its way. Okay. If we look at Q. 13 the Staff column under the Staff's cost of service study, 14 would it be correct to say that the space heating rate is -- has an index of 0.96; is that right? 15 16 Α. Yes. 17 Ο. And that compares to an overall residential index of 0.91; is that right? 18 19 Yes. Α. 20 So is it correct to conclude that Staff's Q. 21 study shows that the space heating rate is actually 22 contributing to a higher rate of return for KCPL than the overall residential rates? 23 24 It is for MPS, and then that's part of Α.

Fax: 314.644.1334

Staff's recommendation that there be no revenue neutral

25

Page 1072

- 1 adjustment for the MPS rate district.
- 2 Q. Okay. And let's look at -- let's look at
- 3 your rebuttal testimony in the Kansas City Power & Light
- 4 case, the same table, which is found on page 3.
- 5 A. Yes, I'm there.
- 6 Q. Okay. Does that show that the all-electric
- 7 rate under the Staff's cost of service study is
- 8 contributing 0.57 index of return?
- 9 A. Yes.
- 10 Q. And is that -- does that compare to the
- 11 overall residential of 0.53?
- 12 A. Yes.
- 13 Q. Would it be correct to conclude that, for
- 14 the KCPL rates, based on Staff's cost of service study,
- 15 that the all-electric rates are actually contributing a
- 16 higher rate of return than the overall residential rates,
- 17 based on those indexes of return?
- 18 A. Based on those indexes, but they're --
- 19 yeah, they're 0.53 and 0.57, yes.
- 20 Q. And if you look at the next column over, is
- 21 that the U.S. DOE cost study results?
- 22 A. Yes.
- Q. And doesn't that show the same results that
- 24 the -- they're close, but it appears that the all-electric
- 25 rates are actually contributing about the same or higher,

Page 1073 slightly higher than the overall residential rates of 2 return? 3 Well, the total residential on the USDOE study, Department of Energy for residential 0.49, for the 4 5 all-electric it's 0.550. 6 So that would be correct, the conclusion, Q. 7 correct? 8 Yes. 9 Q. Okay. Would you agree with me that cost of service study results are as much art as science 10 sometimes? 11 12 I would agree. 13 Q. And should the Commission take into account the results of several cost of service studies whenever 14 15 they make public policy changes to a company's rate 16 design? 17 In this case, I think we've got six studies here, so they could look at all of them. 18 19 Q. Let's turn to your rebuttal testimony on 20 page 6 in your KCPL case, 174 case. 21 Α. Okay. You said page? 22 Q. Page 6 at line 8. 23 Okay. I'm there. Α. 24 Q. You were asked the question, does Staff 25 agree with MGE's rate design recommendation, and your

Page 1074 answer is no. Do you see that? 2 Α. Yes. 3 Ο. Why do you have that no there? Why do you disagree with the MGE recommendation? 4 5 Α. The main reason I disagreed with MGE is the amount of increases that KCPL has experienced in the 6 7 last -- since the beginning of January of 2007, they've had about four increases, and if you put them together, I 8 think it's --10 MR. JACOBS: Judge, I may have an objection to this. If he's talking about information that's in his 11 12 testimony, I'll withdraw the objection. If he's talking 13 about information that is not in his testimony, I would argue that this is improper supplementation of this 14 15 record. He was given an opportunity to put that in his testimony, and to my recollection, I don't know if it's 16 17 there. 18 MS. KLIETHERMES: Judge, I would interject that this information is in Scheperle's testimony. This 19 20 is the very information that he was trying to state when 21 him and Mr. Jacobs had a moment where they were speaking over each other. 22 23 MR. JACOBS: Then happily withdraw. Withdrawn. 24 25 THE WITNESS: It's -- since 2007, KCP&L has

Page 1075 had about a 43.8 percent increase in rates, and to 2 eliminate an all-electric rate is -- it's too much for the 3 customer to bear, and that's part of the reason of not wanting to eliminate rates but to gradually bring them 4 5 into -- bring them into line. BY MR. FISCHER: 7 Percentages are interesting, but sometimes Q. 8 dollar amounts are even more telling. Counsel for MGE showed you, I think it was your work papers from the MS--10 or the 175 case, MPS. Do you recall that, where you had a 11 billing comparison eliminating space heating schedules? 12 I remember that for GMO, yes. 13 Q. Do you still have that in front of you? 14 Yes. Α. 15 I understand that perhaps this document was Q. 16 not exactly the same as Mr. Cummings may now have 17 clarified what he was recommending, but the annual difference in dollars for your billing comparison 18 19 eliminating space heating rate schedules, does that vary 20 from \$50.88 for the lowest usage all the way up to \$674.88 21 for the 4,000 kilowatt hours of usage? 22 Α. Yes. 23 And at that higher level, it's a Q. 17.53 percent increase? 24 25 Α. Yes.

Page 1076

- Q. And that would be on top of whatever
- 2 across-the-board increase the Commission might grant in
- 3 this case; is that right?
- 4 A. Yes, but I think it kind of -- this would
- 5 be if you eliminated it completely and moved all-electric
- 6 to the general service rate.
- 7 Q. As an expert in rate design and cost of
- 8 service studies, were you confused by the testimony of MGE
- 9 in this case?
- 10 A. There was -- there was a lot of scenarios
- 11 there.
- 12 Q. Did you make some similar errors as were
- pointed out in Mr. Rush's testimony?
- 14 A. The purpose of these schedules, and there's
- 15 two of them on page 4 there, one's for MPS and one's for
- 16 L&P, was to show the impact if you actually eliminated it
- 17 completely. I mean, that was the intent, and there's
- 18 been -- even for MPS and L&P, there's been quite a few
- 19 increases in the last couple years. So I was -- I was
- 20 concerned about the customer impacts.
- 21 Q. Do you think the Commission should take
- 22 that into account whenever they decide this case?
- 23 A. Definitely.
- Q. And if we go to your work papers on the L&P
- 25 jurisdiction, on page 5, do you see a similar table, the

Page 1077 billing comparison eliminating space heating rates 2 schedules? 3 Α. I have it on page 4. 4 Q. Page 4. Okay. 5 Α. I don't know if I printed off the --6 Okay. Well, mine's on page 5. But does it Q. 7 have annual differences if you eliminated the space 8 heating rate schedules from \$100.24 to over \$604? 9 Α. Yes. 10 MR. FISCHER: That's all I have, Judge. 11 Thank you. 12 JUDGE JORDAN: Questions from the Bench. Any questions from Commissioner Kenney. 13 14 COMMISSIONER KENNEY: No. I think they've all been asked. Thank you, Mr. Scheperle. 15 16 THE WITNESS: Thank you. 17 JUDGE JORDAN: I have no questions for you. 18 Redirect? 19 MS. KLIETHERMES: Yes, Judge. I'll stand to encourage my own brevity. 20 21 REDIRECT EXAMINATION BY MS. KLIETHERMES: 22 Q. Mr. Jacobs asked you about a difference 23 that Mr. Cummings had identified caused by eliminating 24 these rate schedules of 3.2 percent. Do you remember that 25 figure?

Fax: 314,644,1334

Page 1078 1 I remember that figure. Α. 2 Was the specific magnitude of the bill Q. 3 comparison you did the sole basis for your recommendation? Α. No. I mean, I did the bill comparison, but 4 5 I also -- the --I took into account the four previous rate 6 increases that KCP&L has experienced and the last two or 7 three increases that GMO has experienced. 8 Q. So if your math was wrong, if you were 9 comparing the wrong items, would your recommendation still 10 be the same? 11 Α. My recommendation is still the same. 12 Do you believe that recommendation is a Q. 13 reasonable resolution given what GMO and KCPL have stated 14 and what MGE is requesting as that's been clarified this 15 evening? 16 Α. I think they're reasonable, yes. 17 Ο. Mr. Woodsmall discussed with you the similarities of some studies that have been submitted in 18 19 this matter, many of which relate to the settlement that 20 was filed earlier today. Do you recall that? 21 Α. Yes. 22 Q. In general, do those studies support the 23 recommendation that was reached in the stipulation filed today? 24 25 Yes, they do. Α.

Page 1079
Q. And, in fact, is the stipulation filed

- 2 today, at least on the KCPL side, as far as interclass
- 3 shifts go, identical to your recommendation?
- 4 A. Yes.

1

- 5 Q. Mr. Bartels or Bartels -- I'm sorry.
- MR. BARTELS: Bartels.
- 7 BY MS. KLIETHERMES:
- 8 Q. Bartels -- asked you about an analysis you
- 9 had received from Mr. Johnstone. Do you recall that?
- 10 A. Yes.
- 11 Q. Did you make any effort to replicate that
- 12 analysis?
- 13 A. No.
- 14 Q. Mr. Fischer worked you through some indices
- of returns and a table. Do you recall that?
- 16 A. Yes.
- 17 Q. Did that table as presented take into
- 18 account the differences in summer and winter rates of
- 19 return?
- 20 A. I may be a little confused. We went
- 21 through quite a few tables, and I'm not sure if I know
- 22 which ones we're --
- Q. I'll try to wrap a few of these together,
- 24 then. To your recollection, I know there was some
- discussion of the Res B rates of returns, for example.

Page 1080

- Does that 14.8 percent rates of return that was discussed
- 2 take into account the differences between the summer and
- 3 winter rates of return that the Res B class would produce?
- 4 A. The 14.80 is the -- is the 12 months. I
- 5 mean, we'd have to break those down between summer and
- 6 winter.
- 7 Q. But would the winter rate of return be
- 8 approximately 29.53 and the summer rate of return be
- 9 approximately negative 3.34 percent?
- 10 A. For Res B, yes.
- 11 O. And does Staff's recommendation take into
- 12 account that the winter is the time when that class is not
- 13 contributing adequately and in summer, in fact, they're
- 14 over-contributing?
- 15 A. It takes into account the winter and summer
- 16 differential.
- 17 Q. So is it safe to say that Staff's
- 18 recommendation is a nice, good, reasonable, happy medium
- 19 between what KCPL would like to continue and what MGE is
- 20 requesting occur?
- 21 A. It moves it closer to the class cost of
- 22 service.
- Q. And one final question. Has Staff ever, to
- 24 your recollection, in one case eliminated a rate schedule
- 25 where customers were taking service? And if you don't

	Page 1081
1	recall, that's fine.
2	A. I can't think of any.
3	MS. KLIETHERMES: That's all I have. Thank
4	you.
5	JUDGE JORDAN: That concludes your
6	examination. You may step down. Next witness.
7	MR. JACOBS: MGE calls Jay Cummings.
8	JUDGE JORDAN: I note that I do not have a
9	sequence of cross-examination for witnesses by Southern
10	Union.
11	MS. KLIETHERMES: We'll just all ask at
12	once. That will go quicker.
13	JUDGE JORDAN: Fine by me.
14	MS. KLIETHERMES: Staff has none.
15	MR. MILLS: I have none either.
16	MR. CONRAD: I won't have any questions.
17	MR. BARTELS: No questions.
18	JUDGE JORDAN: Will the company have
19	questions?
20	MR. FISCHER: Welcome back to Missouri. I
21	have no questions either.
22	JUDGE JORDAN: Well, then we won't need a
23	sequence of cross-examination, will we? I'll go ahead and
24	swear you in then.
25	MS. KLIETHERMES: We could stipulate to

Page 1082 his --1 2 MR. JACOBS: We have a couple of 3 corrections. JUDGE JORDAN: Let's do that. 4 5 (Witness sworn.) F. JAY CUMMINGS testified as follows: 7 DIRECT EXAMINATION BY MR. JACOBS: 8 Q. Good evening, sir. Could you please state your name for the record? 10 Α. F. Jay Cummings. 11 And by whom are you employed and in what Q. 12 capacity? 13 I'm employed by Ruhter & Reynolds Consulting, Inc. That's spelled R-u-h-t-e-r. I'm a 14 15 senior economist. 16 Q. And have you caused to be prepared for 17 purposes of this proceeding certain direct, rebuttal and surrebuttal testimony in question and answer form? 18 19 Α. Yes, I have. 20 And is it your understanding that testimony Q. 21 has been previously marked as Exhibits 625, 626, 627, 628, 22 629 and 630 for identification? 23 Α. Yes. 24 Do you have any changes that you'd like to Q. 25 make to your testimony at this time?

Page 1083

- 1 A. I have a couple of corrections I'd like to
- 2 point out. First of all, in 174, in the direct, I'd like
- 3 to mention that on September 12th we filed a corrected
- 4 page 28 to be sure that everybody has that. Also in that
- 5 same direct testimony, on page 1, line 12, the date 2003
- 6 should be 2001. On page 21, in Footnote 13, there's a
- 7 date of October 24th, 2011. That date should be
- 8 October 31st, 2011.
- 9 Then in any rebuttal, in 0174, on page 6,
- 10 line 6, it reads, does this conclude your direct
- 11 testimony? It should say, does this conclude your
- 12 rebuttal testimony.
- 13 In ER-2012-0175, the direct, which is MGE
- 14 627, on -- excuse me. On August 22nd, 2012, we filed a
- 15 realized Schedule FJC-B. On September 12, 2012, we filed
- 16 corrected pages 28 and 31.
- 17 They're very similar changes to those I
- 18 noted in 174. In my direct on page 1, line 12, that date
- 19 should read 2003, not 2001. Similarly, on page 23,
- 20 Footnote 15, the third line, the date should read
- 21 October 31st, not October 24th.
- 22 Parallel change in rebuttal in 0175.
- 23 Page 7, line 9, the word direct should be rebuttal. And I
- 24 would also note on the bill impact information in
- 25 surrebuttal, FJC-2, page 2, Footnote 2, in 175 the annual

		Page 1084

- 1 bill impact shown there for space heat are 13.7 percent
- 2 and 10.9 percent. There was a slight formula error, and
- 3 those numbers should be 13.8 and 11.0. That's all the
- 4 changes I have.
- 5 Q. So if I asked you the questions which are
- 6 contained in these exhibits today, would your answers as
- 7 amended be the same?
- 8 A. Yes, they would.
- 9 O. Are those answers as amended true and
- 10 correct to the best of your information, knowledge and
- 11 belief?
- 12 A. Yes, they are.
- MR. JACOBS: Your Honor, I'll offer
- 14 Exhibits 625 through 630 and into evidence and I would
- 15 otherwise tender the witness for cross-examination.
- 16 JUDGE JORDAN: And I understand there is no
- 17 cross-examination for this witness, which would explain
- 18 why I have no proposed order of cross-examination for this
- 19 witness.
- MS. KLIETHERMES: That is a theory.
- 21 JUDGE JORDAN: It's a theory. Questions
- 22 from the Bench. Commissioner Kenney?
- 23 COMMISSIONER KENNEY: No questions. Thank
- 24 you very much.
- 25 JUDGE JORDAN: I have no questions for you.

Fax: 314,644,1334

Page 1085 So that concludes your examination. You may stand down. 2 I believe that takes care of our witnesses 3 for rate design and class cost of service. MR. JACOBS: Judge, did you admit those 4 5 into evidence? I'm sorry. 6 JUDGE JORDAN: I'm sorry. I might not have 7 ruled on that. I will admit those into evidence. (MGE EXHIBIT NOS. 625 THROUGH 630 WERE 8 RECEIVED INTO EVIDENCE.) 10 JUDGE JORDAN: Thank you for reminding me. MR. FISCHER: Judge, it's my understanding 11 12 that the MEEIA stipulation has been filed in the GMO docket now. 13 14 JUDGE JORDAN: Well, I've not received any 15 message. 16 MS. HERNANDEZ: It would be in the 17 EO-2012-0009 case. 18 JUDGE JORDAN: Would you like to enter an 19 appearance? 20 MS. HERNANDEZ: Jennifer Hernandez 21 appearing on behalf of the Staff of the Missouri Public Service Commission. 22 23 JUDGE JORDAN: And will you give as an 24 update on the -- as to how that case relates to this case? 25 MS. HERNANDEZ: Right. It's my

Page 1086

- 1 understanding the way the two cases relate is a Commission
- 2 decision in the EO-2012-0009 case, that revenue impact
- 3 would be taken from the Commission's decision in that case
- 4 and moved into this case for the revenue requirement of
- 5 GMO.
- JUDGE JORDAN: Do I correctly understand,
- 7 then, that a stipulation filed in that case has resolved
- 8 the issues as to this case?
- 9 MR. FISCHER: Judge, I would request that
- 10 that Stipulation & Agreement either be filed in this case
- 11 or if you could take official notice of it, that might
- 12 simplify it as well, but it should be definitely a part of
- 13 this record.
- 14 JUDGE JORDAN: I would feel more
- 15 comfortable if it were filed in this action also.
- 16 MS. HERNANDEZ: I can go do that as soon as
- 17 as we're finished discussing.
- 18 JUDGE JORDAN: Well, does that take care of
- 19 the need to present any witnesses on the MEEIA issue?
- MR. FISCHER: Yes, from company's
- 21 perspective.
- MS. HERNANDEZ: John Rogers has not
- 23 appeared. As long as we can stipulate to his admission of
- 24 testimony and the cost of service report, there's no need
- 25 to put him on the stand.

Page 1087 MS. KLIETHERMES: As point of 1 2 clarification, Staff has a number of witnesses who did not 3 appear that we would be offering their sections of cost of service report and respective testimonies. 4 5 JUDGE JORDAN: Yes, we'll need to do that. Are the parties willing to stipulate as to the testimony 6 7 of witness Rogers? MR. FISCHER: Yes. 8 9 MR. MILLS: Yes. 10 JUDGE JORDAN: I'm not hearing any objections to that. And we already introduced all the 11 12 testimony of Mr. Rush; is that correct? MR. FISCHER: Yes. And I'd move for 13 14 admission --15 MS. KLIETHERMES: And Judge, Mr. Rush is the witness, Mr. Rush, Mr. Ives and is it Mr. Blunk? 16 17 JUDGE JORDAN: On my list it says Rush, Rogers and Scheperle. 18 19 MS. KLIETHERMES. I'm sorry. I believe Mr. Rush has sections of his testimony to which people 20 21 have the pending motion to strike, just to refresh the recollection. 22 23 JUDGE JORDAN: Right. And when I admit his exhibits, it will be subject to the motions, pending 24 motions to strike those are not been resolved. They are 25

Page 1088 still pending. 1 2 So if I understand correctly, the answer to 3 my inquiry as to whether there is any need to present any witnesses on the MEEIA issues is that there is no need to 4 5 present witnesses on the MEEIA issues; is that correct. 6 MR. MILLS: I believe so. 7 MR. WOODSMALL: The only caveat I would add 8 is, all these witnesses that we're going to be putting in stipulating their testimony, I have no problems with it being put into evidence subject to if the Commission 10 11 rejects any stipulation, that we will need to go back and 12 do cross-examination. 13 JUDGE JORDAN: Understood. 14 COMMISSIONER KENNEY: Can I ask a question? 15 JUDGE JORDAN: Yes, you may. 16 COMMISSIONER KENNEY: Sorry about that. I 17 didn't mean to startle anybody I hope. Am I correct in understanding that there's a nonunanimous stipulation in 18 the EO-2012-0009 case that will settle the issues in this 19 20 case? 21 MS. HERNANDEZ: That's correct. Mr. Conrad is here. I believe he's the only party that did not --22 states he would not object. I don't know if he wants to 23 24 address that point now. 25 MR. CONRAD: Yes. We indicated no

Page 1089 objection to that stipulation. 1 2 COMMISSIONER KENNEY: No objections, but 3 you're not signing off on it? MR. CONRAD: That's correct, for AGP and 4 5 SIEUA. That's done. 6 MS. HERNANDEZ: Union --7 COMMISSIONER KENNEY: Okay. Thank you. MS. HERNANDEZ: I'm sorry. Union Electric 8 Company and Southern Company, Southern Union also did not were -- not signatories but stated they would not oppose. 10 COMMISSIONER KENNEY: Thank you. 11 12 JUDGE JORDAN: Well, I think we have disposed of the MEEIA issue for purposes of these actions. 13 14 MS. HERNANDEZ: Would it be beneficial, do you want me to file in the case the stipulation, or I can 15 go run a copy and bring it down and enter it as an 16 17 exhibit. Is there a preference? 18 JUDGE JORDAN: Let's have that entered into 19 EFIS. 20 MS. HERNANDEZ: Okay. 21 JUDGE JORDAN: Any objection to that? MS. KLIETHERMES: Judge, would it make 22 23 sense to assign that an exhibit number and just call that a late-filed exhibit so there's no confusion about which 24 25 parties would need to oppose or not oppose?

Fax: 314,644,1334

	Page 1090
1	JUDGE JORDAN: Sure.
2	MS. HERNANDEZ: I'll file it as 392,
3	late-filed exhibit.
4	JUDGE JORDAN: Else that we would like to
5	address as far as MEEIA issues?
6	MR. FISCHER: Judge, we're just happy any
7	time the Commission has questions, we can come back and
8	visit about it after you've had a chance to review it like
9	the others, but we don't have any need to go forward on
10	it.
11	JUDGE JORDAN: All right, then. I think
12	that takes care of the MEEIA issues then. And that, I
13	think we have only a few ministerial loose ends to tie up
14	as far as admission of exhibits; is that correct.
15	MR. WOODSMALL: Yes, your Honor.
16	JUDGE JORDAN: Who would like to go first.
17	MR. WOODSMALL: I will, since I have so few
18	of them. Your Honor, we had a witness file testimony in
19	the KCPL case. Mr. Nick Phillips filed direct and
20	surrebuttal testimony. It's been labeled as 402 and 403
21	in the KCPL case, and direct testimony in the GMO case
22	labeled 429. Move for the admission of his testimony.
23	JUDGE JORDAN: Objections?
24	(No response.)
25	JUDGE JORDAN: Not hearing any. Those

	Page 1091
1	exhibits are entered into the record.
2	(MIEC EXHIBIT NOS. 402, 403 AND 429 WERE
3	RECEIVED INTO EVIDENCE.)
4	MR. MILLS: I probably have the next
5	fewest.
6	JUDGE JORDAN: If Mr. Woodsmall is done.
7	MR. WOODSMALL: I am done.
8	JUDGE JORDAN: Okay. Mr. Mills.
9	MR. MILLS: In the ER-2012-0174 case, I
10	have Exhibit 305, both NP and HC versions, which is
11	Robertson rebuttal, Exhibit 306 in the same case,
12	Robertson surrebuttal, also both NP and HC. In the 0175
13	case I've got Exhibit 311, both NP and HC, which is
14	Robertson's rebuttal, and finally Exhibit 312 in the 0175
15	case which is Robertson surrebuttal, also NP and HC.
16	JUDGE JORDAN: And is that it
17	MR. MILLS: That's it.
18	JUDGE JORDAN: for Public Counsel?
19	MS. KLIETHERMES: I believe I have the
20	most, but I think I may be able to do it in the most
21	expeditious manner.
22	MR. MILLS: Judge, did you admit those
23	exhibits?
24	JUDGE JORDAN: Those exhibits are admitted
25	into the record.

	Page 1092
1	(OPC EXHIBIT NOS. 305, 306, 311 AND 312
2	WERE RECEIVED INTO EVIDENCE.)
3	MS. KLIETHERMES: In the 0174 case, we have
4	Staff Exhibit No. 200 through 257 titled and of the
5	confidentiality level indicated in the prefiled exhibit
6	list, and in the 0175 case, we have Staff Exhibit 258
7	through 299 and then skipping ahead to 3001 through 3013,
8	again of the confidentiality level and titles indicated in
9	prefiled exhibit list.
10	JUDGE JORDAN: I'm not hearing any
11	objection, so those documents will be admitted to the
12	record.
13	(STAFF EXHIBIT NOS. 200 THROUGH 257, 258
14	THROUGH 299 AND 3001 THROUGH 3013 WERE RECEIVED INTO
15	EVIDENCE.)
16	MR. FISCHER: KCPL, Judge, would ask for
17	the admission of its exhibits. First in the KCPL case,
18	the 0174 case, we have KCPL Exhibit 1 through 52 in the
19	prefiled testimony. I can just quickly go through it to
20	make sure everybody has those. 1 is Alberts direct. 2 is
21	Bassham direct. 3 is Blunk direct, HC and NP. 4 is Blunk
22	supplemental direct, HC and NP. 5 is Blunk rebuttal, NP
23	and HC. 6 is public version of Blunk surrebuttal and an
24	HC version. Ryan Bresette is 7 on direct.
25	MR. MILLS: Jim, I hate to interrupt. We

Page 1093

Fax: 314,644,1334

- 1 all have that exhibit list. I don't think you have to do
- 2 that, unless the Judge wants you to.
- 3 MR. FISCHER: Is that fine, Judge?
- 4 JUDGE JORDAN: It will help me if you will
- 5 read them.
- 6 MR. FISCHER: Okay. Ryan Bresette is 7HC
- 7 and NP. 8 is HC and NP rebuttal. Bresette surrebuttal is
- 8 9HC and NP. Kevin Bryant, his rebuttal is 10HC and NP,
- 9 and his surrebuttal is 11.
- 10 Carlson direct is 12. Carlson rebuttal is
- 11 13. Coleman is surrebuttal 14. Burton Crawford's
- 12 testimony is KCPL 15HC and NP. Rebuttal is 16, and his
- 13 surrebuttal is KCPL 17HC and NP. And then 18 is the
- 14 rebuttal testimony of Mark Foltz. Sam Hadaway's testimony
- 15 is KCPL 19HC and NP. Rebuttal testimony is KCPL 20.
- 16 Surrebuttal is KCPL 21.
- 17 Hardesty's testimony is KCPL 22 direct.
- 18 Rebuttal testimony is KCPL 23HC and NP. Surrebuttal is
- 19 KCPL 24HC and NP. Heidtbrink testimony is rebuttal
- 20 testimony KCPL 25, and surrebuttal 26.
- 21 Hensley's testimony, David -- or Darrel L.
- 22 Hensley, is KCPL 27, and that's his rebuttal. William P.
- 23 Herdegen's testimony direct was KCPL 28. Darrin Ives'
- 24 testimony, his direct is KCPL 29. His rebuttal is
- 25 KCPL 30. Surrebuttal is 31. George McCollister's direct

Page 1094

- 1 is KCPL 32. Rebuttal is KCPL 33.
- 2 Salvatore Montalbano, his direct is
- 3 KCPL 34. Rebuttal is KCPL 35. Surrebuttal is KCPL 36.
- 4 Kelly R. Murphy direct is KCPL 37. Paul Normand is
- 5 KCPL 38. His rebuttal is KCPL 39.
- 6 And then Tim Rush has several pieces. KCPL
- 7 40HC and NP is his direct. His supplemental direct is
- 8 41HC and NP. Rebuttal is 42HC and NP. Surrebuttal is
- 9 43HC and NP. Michael Schnitzer's testimony is direct
- 10 KCPL 44HC and NP. 45 is the rebuttal HC and NP.
- 11 Steve Smith, Harold "Steve" Smith's direct
- 12 is KCPL 46. John Spanos' rebuttal and surrebuttal are 47
- 13 and 48. John B. Weisensee's direct is KCPL 49HC and NP.
- 14 His rebuttal is KCPL 50, and KCPL 51 is the surrebuttal.
- 15 Jeffrey M. Wolf has rebuttal testimony, KCPL 52. And if
- 16 there were any other outstanding exhibits, I'd ask that
- 17 they be admitted. I don't think there were. That's in
- 18 the KCPL case.
- JUDGE JORDAN: Objection?
- 20 MS. KLIETHERMES: Yes, Judge. I would note
- 21 that a number of those exhibits are subject to the pending
- 22 motions to strike as the Bench is aware, and Staff would
- 23 preserve that motion.
- 24 MR. WOODSMALL: Also, your Honor, there
- 25 were exhibits that were demonstrative exhibits for opening

Page 1095 statements. I don't believe those are being offered 2 because they're not evidence. 3 MR. FISCHER: That's correct, I did not offer those. 4 5 MR. WOODSMALL: So when he said any other exhibits, I would object if --6 7 MR. FISCHER: I assume that applies to all 8 the opening statements. 9 JUDGE JORDAN: Understood. Anything else? 10 MR. FISCHER: Judge, I also have GMO exhibits for the 175 case. 11 12 JUDGE JORDAN: Well, let's take of what you've offered so far. I've heard no objection except as 13 to -- except as just recited, and subject to that, I will 14 15 enter those into the record. (KCPL EXHIBIT NOS. 1 THROUGH 52 WERE 16 17 RECEIVED INTO EVIDENCE.) MR. FISCHER: Should I proceed to GMO? 18 19 JUDGE JORDAN: Yes. MR. FISCHER: Jimmy D. Alberts had direct 20 21 testimony, GMO 100, which was adopted by Scott Heidtbrink. Terry Bassham's direct was GMO 101. William Edward Blunk 22 had direct of 102HC and NP, rebuttal GMO 103HC and NP, 23 surrebuttal GMO 104HC and NP. Ryan Bresette had rebuttal, 24 GMO 105. Kevin Bryant had rebuttal, GMO 106HC and NP. 25

Page 1096

- 1 GMO 107 was Kevin Bryant's surrebuttal.
- 2 John Carlson had rebuttal of GMO 108 and
- 3 rebuttal of GMO 109. Burton Crawford has direct HC and
- 4 NP, which are GMO 110. His rebuttal is HC and NP GMO 111.
- 5 Surrebuttal is GMO 112HC and NP. Mark A. Foltz has
- 6 rebuttal testimony HC and NP, which is GMO 113.
- 7 Sam Hadaway had direct GMO 104HC and NP,
- 8 rebuttal GMO 115, and surrebuttal was GMO 116. Melissa
- 9 Hardesty's testimony was, the direct was GMO 117, rebuttal
- 10 was GMO 118HC and NP, surrebuttal was GMO 119HC and NP.
- 11 Scott Heidtrink was -- he had rebuttal testimony GMO 120
- 12 and surrebuttal GMO 121.
- 13 Bill Herdegen had testimony GMO 122, which
- 14 is direct. Darrin Ives has direct testimony of GMO 123.
- 15 GMO 124 is Ives rebuttal. 125 is Ives surrebuttal.
- 16 George McCollister had direct GMO 126, and rebuttal GMO
- 17 127. Montalbano's direct is GMO 128, rebuttal is 129, and
- 18 surrebuttal is 130. Kelly Murphy has direct at GMO 131.
- 19 Paul Normand has director of GMO 132,
- 20 rebuttal of 133. Tim Rush has direct of GMO 134HC and NP,
- 21 rebuttal of GMO 135, surrebuttal GMO 136. Harold "Steve"
- 22 Smith has direct GMO 137. John Spanos has rebuttal GMO
- 23 138 and surrebuttal GMO 139. John Weisensee has direct
- 24 GMO 140, rebuttal of GMO 141, and GMO 142 is surrebuttal.
- 25 Followed by Jeffrey M. Wolf. He has rebuttal adopting

Page 1097 Bill Herdegen's testimony, GMO 143. 2 With that, I would move for the admission 3 of those exhibits, Judge. JUDGE JORDAN: Objections? 4 5 MS. KLIETHERMES: I'm sorry. I didn't catch that. Can you repeat it? 6 7 (Laughter.) MR. FISCHER: Sure. 8 MS. KLIETHERMES: No objection. 10 JUDGE JORDAN: Okay. Then I will admit those into the record also. 11 (GMO EXHIBIT NOS. 100 THROUGH 143 WERE 12 RECEIVED INTO EVIDENCE.) 13 14 JUDGE JORDAN: Anything else to take care of before we go off the record? 15 16 MR. FISCHER: I think briefing schedule's 17 already scheduled in the procedural schedule, so I don't know of anything. 18 19 JUDGE JORDAN: That's my recollection. It looks like we will not need this hearing room for today. 20 21 So we will not be reconvening tomorrow morning at 8:30 or any other time. We will probably not see each other until 22 true-up, and the last I heard, true-up numbers were 23 24 eliminating issues. Does that remain the case? 25 MR. WOODSMALL: I think we're still hopeful

Fax: 314,644,1334

	Page 1098
1	that that may be avoided.
2	JUDGE JORDAN: Very good. Anything else
3	that we can do before we go off the record and adjourn?
4	MR. FISCHER: I'd like to thank the
5	Commission and the parties.
6	MR. WOODSMALL: You're welcome, Jim.
7	JUDGE JORDAN: On behalf of the Commission,
8	the Commission thanks the parties also, and the witnesses.
9	COMMISSIONER KENNEY: Thanks, everybody.
10	JUDGE JORDAN: With that, if there's
11	nothing else? Not hearing anything else. We'll adjourn
12	this hearing and go off the record.
13	(WHEREUPON, the hearing was adjourned at
14	7:52 p.m.)
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

	Page 10	)99
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

		Page 1100
1	I N D E X	
2	FUEL ADJUSTMENT CLAUSE	
3	Opening Statement by Mr. Zobrist	776
	Opening Statement by Mr. Keevil	778
4	Opening Statement by Mr. Coffman	782
5	GMO'S EVIDENCE:	
6	TIM RUSH	
	Direct Examination by Mr. Zobrist	785
7	Cross-Examination by Mr. Keevil	787
	Cross-Examination by Mr. Coffman	796
8	Redirect Examination by Mr. Zobrist	800
9	STAFF'S EVIDENCE:	
10	MATTHEW J. BARNES	
	Direct Examination by Mr. Keevil	809
11	Cross-Examination by Mr. Mills	817
	Cross-Examination by Mr. Zobrist	819
12	Redirect Examination by Mr. Keevil	834
13	-	
14	CROSSROADS	
15	Opening Statement by Mr. Hatfield	842
	Opening Statement by Mr. Williams	848
16	Opening Statement by Mr. Mills	854
	Opening Statement by Mr. Woodsmall	854
17	Opening Statement by Mr. Lumley	876
18	GMO'S EVIDENCE:	
19	MELISSA K. HARDESTY	
	Direct Examination by Mr. Hatfield	878
20	-	
	DARREN IVES	880
21		
	TIM RUSH	882
22		
	BURTON CRAWFORD	
23	Cross-Examination by Mr. Lumley	883
	Cross-Examination by Mr. Woodsmall	893
24	Cross-Examination by Mr. Williams	897
	Redirect Examination by Mr. Hatfield	909
25		

		Page 1101
1	STAFF'S EVIDENCE:	
2	CARY FEATHERSTONE	
	Direct Examination by Mr. Williams	916
3	Cross-Examination by Mr. Woodsmall	924
	Cross-Examination by Mr. Conrad	932
4	Cross-Examination by Mr. Hatfield	933
	(In-Camera Session - See Index Below)	
5	Redirect Examination by Mr. Williams	964
6	CARY FEATHERSTONE (In-Camera Session - Volume 20)	
	Cross-Examination by Mr. Hatfield	961
7	LENA MANTLE	
8	Direct Examination by Mr. Williams	970
9	MECG'S EVIDENCE:	970
10	GREG MEYER	
10	Direct Examination by Mr. Woodsmall	972
11		· · -
12	RATE DESIGN/CLASS COST OF SERVICE	
13	Opening Statement by Mr. Fischer	980
	Opening Statement by Ms. Kliethermes	982
14	Opening Statement by Mr. Mills	985
	Opening Statement by Mr. Woodsmall	986
15	Opening Statement by Mr. Coffman	987
	Opening Statement by Mr. Jacobs	987
16		
	KCPL/GMO'S EVIDENCE:	
17		
1.0	PAUL NORMAND	0.0.4
18	Direct Examination by Mr. Fischer	994
1.0	Cross-Examination by Mr. Mills	996
19	Cross-Examination by Ms. Kliethermes Redirect Examination by Mr. Fischer	1000 1001
20	Meditect Examination by Mr. Fischer	IOOI
20	TIM RUSH	
21	Cross-Examination by Mr. Jacobs	1002
	Cross-Examination by Mr. Bartels	1018
22	Cross-Examination by Ms. Kliethermes	1021
	Redirect Examination by Mr. Fischer	1026
23	_	
24		
25		

T		
		Page 1102
1		
	STAFF'S EVIDENCE:	
2		
	MICHAEL SCHEPERLE	
3	Direct Examination by Ms. Kliethermes	1039
	Cross-Examination by Mr. Mills	1042
4	Cross-Examination by Mr. Woodsmall	1045
	Cross-Examination by Mr. Jacobs	1049
5	Cross-Examination by Mr. Bartels	1069
	Cross-Examination by Mr. Fischer	1070
6	Redirect Examination by Ms. Kliethermes	1077
7	MGE'S EVIDENCE:	
8	F. JAY CUMMINGS	
	Direct Examination by Mr. Jacobs	1082
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

			Page 1103
1	EXHIBITS INDEX		
2	I	MARKED	RECEIVED
	KCPL'S EXHIBITS		
3			
4	EXHIBIT NO. 1  Direct Testimony of Jimmy D. Alberts	*	1095
5	EXHIBIT NO. 7HC/NP		1055
	Supplemental Direct Testimony of		
6 7	Ryan A. Bresette EXHIBIT NO. 8HC/NP	*	1095
/	Rebuttal Testimony of Ryan A. Bresette	*	1095
8			
0	EXHIBIT NO. 9HC/NP		
9	Surrebuttal Testimony of Ryan A. Bresette	*	1095
10	2200000		1000
	EXHIBIT NO. 14		
11	Surrebuttal Testimony of David C. Coleman	*	1095
12	COTEMATI		1095
	EXHIBIT NO. 18		
13 14	Rebuttal Testimony of Mark A. Foltz EXHIBIT NO. 22	*	1095
14	Direct Testimony of Melissa K. Hardesty	y 879	879
15	<del>-</del>	•	
1.6	EXHIBIT NO. 23NP/HC		
16	Rebuttal Testimony of Melissa K. Hardesty	879	879
17	1.02 0.00 0,	0.5	0.5
	EXHIBIT NO. 24NP/HC		
18	Surrebuttal Testimony of Melissa K. Hardesty	879	879
19	naraescy	013	019
	EXHIBIT NO. 25		
20	Rebuttal Testimony of Scott H. Heidtbrink	*	1095
21	HETACDITHK	•	1030
	EXHIBIT NO. 26		
22	Surrebuttal Testimony of Scott H.	JL	1005
23	Heidtbrink	*	1095
	EXHIBIT NO. 27		
24	Rebuttal Testimony of Darrel L.		4.0.7
25	Hensley	*	1095

			D 1101
			Page 1104
1	EXHIBIT NO. 28		
	Direct Testimony of William P.		
2	Herdegen, III	*	1095
3	EXHIBIT NO. 32		
	Direct Testimony of George M.		
4	McCollister	*	1095
5	EXHIBIT NO. 33		
	Rebuttal Testimony of George M.		
6	McCollister	*	1095
7	EXHIBIT NO. 34		
	Direct Testimony of Salvatore P.		
8	Montalbano	*	1095
9	EXHIBIT NO. 35		
	Rebuttal Testimony of Salvatore P.		
10	Montalbano	*	1095
11	EXHIBIT NO. 36		
	Surrebuttal Testimony of Salvatore P.		
12	Montalbano	*	1095
13	EXHIBIT NO. 37		
	Direct Testimony of Kelly R. Murphy	*	1095
14			
	EXHIBIT NO. 38		
15	Direct Testimony of Paul M. Normand	776	995
16	EXHIBIT NO. 39		
	Rebuttal Testimony of Paul M. Normand	776	995
17			
	EXHIBIT NO. 44HC/NP		
18	Direct Testimony of Michael M.		
	Schnitzer	*	1095
19			
	EXHIBIT NO. 45HC/NP		
20	Rebuttal Testimony of Michael M.		
	Schnitzer	*	1095
21			
	EXHIBIT NO. 46		
22	Direct Testimony of Harold "Steve"		
	Smith	*	1095
23			
	EXHIBIT NO. 47		
24	Rebuttal Testimony of John J. Spanos	*	1095
25	EXHIBIT NO. 48		

			Page 1105
1			
	EXHIBIT NO. 49		
2	Direct Testimony of John P. Weisensee	*	1095
3	EXHIBIT NO. 50		
	Rebuttal Testimony of John P. Weisensee	*	1095
4			
	EXHIBIT NO. 51		
5	Surrebuttal Testimony of John P.		
	Weisensee	*	1095
6			
	EXHIBIT NO. 52		
7	Rebuttal Testimony of Jeffrey M. Wolf	*	1095
8	GMO'S EXHIBITS		
9	EXHIBIT NO. 100		
	Direct Testimony of Jimmy D. Alberts	*	1097
10			
	EXHIBIT NO. 105		
11	Rebuttal Testimony of Ryan A. Bresette	*	1097
12	EXHIBIT NO. 113HC/NP	-1-	1007
1.0	Rebuttal Testimony of Mark A. Foltz	*	1097
13	EXHIBIT NO. 117		
14		0.70	879
15	Direct Testimony of Melissa K. Hardesty EXHIBIT NO. 118NP/HC	8 / 9	8/9
13	Rebuttal Testimony of Melissa K.		
16	Hardesty	879	879
17	EXHIBIT NO. 119NP/HC	019	013
_ ,	Surrebuttal Testimony of Melissa K.		
18	Hardesty	879	879
19	EXHIBIT NO. 120		
	Rebuttal Testimony of Scott H.		
20	Heidtbrink	*	1097
21	EXHIBIT NO. 121		
	Surrebuttal Testimony of Scott H.		
22	Heidtbrink	*	1097
23	EXHIBIT NO. 122		
	Direct Testimony of William P. Herdegen	*	1097
24			
25			

			Dans 1106
			Page 1106
1	EXHIBIT NO. 126		
	Direct Testimony of George M.		
2	McCollister	*	1097
3	EXHIBIT NO. 127		
	Rebuttal Testimony of George M.		
4	McCollister	*	1097
5	EXHIBIT NO. 128		
	Direct Testimony of Salvatore P.		
6	Montalbano	*	1097
7	EXHIBIT NO. 129		
	Rebuttal Testimony of Salvatore P.		
8	Montalbano	*	1097
9	EXHIBIT NO. 130		
	Surrebuttal Testimony of Salvatore P.		
10	Montalbano	*	1097
11	EXHIBIT NO. 131		
	Direct Testimony of Kelly R. Murphy	*	1097
12			
	EXHIBIT NO. 132		
13	Direct Testimony of Paul M. Normand	776	995
14	EXHIBIT NO. 133		
	Rebuttal Testimony of Paul M. Normand	776	995
15			
	EXHIBIT NO. 137		
16	Direct Testimony of Harold "Steve"		
	Smith	*	1097
17			
	EXHIBIT NO. 138		
18	Rebuttal Testimony of John J. Spanos	*	1097
19	EXHIBIT NO. 139		
	Surrebuttal Testimony of John J. Spanos	*	1097
20			
	EXHIBIT NO. 140		
21	Direct Testimony of John P. Weisensee	*	1097
22	EXHIBIT NO. 141		
	Rebuttal Testimony of John P. Weisensee	*	1097
23	<del>-</del>		
	EXHIBIT NO. 142		
24	Surrebuttal Testimony of John P.		
	Weisensee	*	1097
25			

Pag	ge 1107
1 EXHIBIT NO. 143	
Rebuttal Testimony of Jeffrey M. Wolf * 1	1097
2	
EXHIBIT NO. 146	
3 Sharing Mechanisms for Utilities in	
<u>-</u>	805
4	303
EXHIBIT NO. 147	
5 Sharing Mechanisms for Utilities in	
<u>-</u>	005
	805
6	
EXHIBIT NO. 148	0.00
	833
8 STAFF'S EXHIBITS	
9 EXHIBIT NO. 211	
	1041
10	
EXHIBIT NO. 212	
11 Direct Testimony of Michael Scheperle 1	1041
12 EXHIBIT NO. 233	
Rebuttal Testimony of Michael Scheperle	1041
13	
EXHIBIT NO. 255	
14 Surrebuttal Testimony of Michael Scheperle 1	1041
15 EXHIBIT NO. 258	
Staff Cost of Service Report	924
16	
EXHIBIT NO. 259HC	
17 Staff Cost of Service Report	924
18 EXHIBIT NO. 260	
Staff Cost of Service Report Appendix	924
19	
EXHIBIT NO. 262	
20 Staff Cost of Service Report Appendix	924
21 EXHIBIT NO. 263HC	
	924
22	
EXHIBIT NO. 265	
	924
24 EXHIBIT NO. 267	-
	1041
25	

			Page 1108
1	EXHIBIT NO. 268		
	Direct Testimony of Michael Scheperle		1041
2			
	EXHIBIT NO. 269		
3	Rebuttal Testimony of Matthew J. Barne	es.	816
4	EXHIBIT NO. 270HC		
	Rebuttal Testimony of Matthew J. Barne	es.	
5	Highly Confidential		816
6	EXHIBIT NO. 271		
_	Rebuttal Testimony of Cary Featherstor	ie	924
7			
0	EXHIBIT NO. 272HC		0.0.4
8	Rebuttal Testimony of Cary Featherstor EXHIBIT NO. 287	ie	924
9	Rebuttal Testimony of Michael Scheperl		1041
10	Reputtal restimony of Michael Scheperi	.E	1041
10	EXHIBIT NO. 290		
11	Surrebuttal Testimony of Matthew J.		
	Barnes		816
12			
	EXHIBIT NO. 292		
13	Surrebuttal Testimony of Cary		
	Featherstone		924
14			
	EXHIBIT NO. 293HC		
15	Surrebuttal Testimony of Cary		
	Featherstone		924
16			
1.5	EXHIBIT NO. 392HC		
17	Corrected Page 119 to Surrebuttal	016	005
18	Testimony of Cary G. Featherstone	916	925
10	EXHIBIT NO. 393HC		
19	Data Request No. 0147	895	901
20	EXHIBIT NO. 394HC	0,50	201
	Data Request No. 0052	895	901
21	1.1. 14.1.1. 17. 10.		
	EXHIBIT NO. 395HC		
22	Data Request 0180	895	900
23	EXHIBIT NO. 397		
	Portion of Transcript of Hearing,		
24	June 5, 2012, EO-2011-0390	795	808
25			

			Page 1109
1	EXHIBIT NO. 3011		
	Surrebuttal Testimony of Michael		
2	Scheperle		1041
3	OPC'S EXHIBITS (ER-2012-0174)		
4	EXHIBIT NO. 302		
	Direct Testimony -Revenue Requirement		
5	of Barbara Meisenheimer	979	979
6	EXHIBIT NO. 303		
	Direct Rate Design Testimony of		
7	Barbara Meisenheimer	979	979
8	EXHIBIT NO. 305NP/HC		
	Rebuttal Testimony of Ted Robertson	*	1092
9			
	EXHIBIT NO.306NP/HC		
10	Surrebuttal Testimony of Ted Robertson	*	1092
11	(ER-2012-0175)		
12	EXHIBIT NO. 309		
	Direct Testimony of Barbara		
13	Meisenheimer	979	979
14	EXHIBIT NO. 310		
	Rebuttal Testimony of Barbara		
15	Meisenheimer	979	979
16	EXHIBIT NO. 311NP/HC		
	Rebuttal Testimony of Ted Robertson	*	1092
17			
	EXHIBIT NO. 312NP/HC		
18	Surrebuttal Testimony of Ted Robertson	*	1092
19	MIEC AND MECG'S EXHIBITS		
20	(ER-2012-0174)		
21	EXHIBIT NO. 400		
	Direct Testimony of Greg Meyer		974
22			
	EXHIBIT NO. 401		
23	Surrebuttal Testimony of Greg Meyer		974
24	EXHIBIT NO. 402		
	Direct Testimony of Nicholas L.		
25	Phillips	*	1091

			Page 1110
1	EXHIBIT NO. 403		
	Surrebuttal Testimony of Nicholas L.		
2	Phillips	*	1091
3	EXHIBIT NO. 406		
	Direct Testimony of Maurice Brubaker	974	978
4			
	EXHIBIT NO. 407		
5	Rebuttal Testimony of Maurice Brubaker	974	978
6	EXHIBIT NO. 408		
	Surrebuttal Testimony of Maurice		
7	Brubaker	974	978
8	(ER-2012-0175)		
9	EXHIBIT NO. 425		
	Direct Testimony of Greg Meyer		974
10			
	EXHIBIT NO. 426		
11	Surrebuttal Testimony of Greg Meyer		974
12	EXHIBIT NO. 429		
1.0	Direct Testimony of Nicholas L.	-1-	1.0.01
13	Phillips	*	1091
14	EXHIBIT NO. 431		
1.5	Revised Direct Testimony of Maurice	0.70	0.70
15	Brubaker	978	978
16	EXHIBIT NO. 432	0.70	0.70
17	Rebuttal Testimony of Maurice Brubaker	978	978
1 1	EXHIBIT NO. 433		
18	Surrebuttal Testimony of Maurice		
	Brubaker	978	978
19	Brubaker	370	370
	EXHIBIT NO. 412		
20	Copy of PowerPoint Presentation	854	
21	MGE'S EXHIBITS	001	
22	(ER-2012-0174)		
23	EXHIBIT NO. 625		
	Direct Testimony of F. Jay Cummings		1085
24			
	EXHIBIT NO. 626		
25	Rebuttal Testimony of F. Jay Cummings		1085

		Page 1111
1	EXHIBIT NO. 627	
_	Surrebuttal Testimony of F. Jay Cummings	1085
2		
	(ER-2012-0175)	
3		
4	EXHIBIT NO. 628	1005
4	Direct Testimony of F. Jay Cummings	1085
5	EXHIBIT NO. 629	1005
	Rebuttal Testimony of F. Jay Cummings	1085
6	EVILLE NO. 620	
7	EXHIBIT NO. 630	1005
7	Surrebuttal Testimony of F. Jay Cummings	1085
8	EXHIBIT NO. 631	1067
9	Work Papers of Mike Scheperle 1066	1067
9	MEUA'S EXHIBITS	
10	MEUA 5 EARIBIIS	
10	EXHIBIT NO. 675	
11	Rebuttal Testimony of Donald E.	
	Johnstone 979	979
12	3,73	3 7 3
	*Marked at the conclusion of the hearing.)	
13	11411104 40 0110 001101401011 01 0110 1104111191,	
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

	Page 1112
1	
2	CERTIFICATE
3	STATE OF MISSOURI )
	) ss.
4	COUNTY OF COLE )
5	I, Kellene K. Feddersen, Certified
6	Shorthand Reporter with the firm of Midwest Litigation
7	Services, do hereby certify that I was personally present
8	at the proceedings had in the above-entitled cause at the
9	time and place set forth in the caption sheet thereof;
10	that I then and there took down in Stenotype the
11	proceedings had; and that the foregoing is a full, true
12	and correct transcript of such Stenotype notes so made at
13	such time and place.
14	Given at my office in the City of
15	Jefferson, County of Cole, State of Missouri.
16	
17	Kellene K. Feddersen, RPR, CSR, CCR
18	
19	
20	
21	
22	
23	
24	
25	

	abundance	849:20	939:22	845:8 856:7,8
<b>AARP</b> 772:9	784:21	850:23	acquiring	857:4,9 917:2
774:25	accelerated	851:15	849:25	918:19
782:16,19	872:25	852:13 857:4	acquisition	982:13 984:4
816:24	accept 797:10	866:14,16	936:10	994:2,4
876:15	913:17	869:4,10,22	943:10	1040:3,5
879:23 882:9	acceptable	965:22	acronym 969:6	1088:24
893:17	839:3	966:16	across-the-bo	1090:5
924:11	accepted	967:16	1032:12	addressed
968:17 987:1	826:10 844:1	accumulation	1076:2	830:25
987:5 995:20	845:17	790:16,19,22	act 993:17	856:11,12
1018:5	accepting	790:25 791:3	acted 818:23	864:14
1041:21	797:9	791:5,9,18,21	action 1086:15	929:18
able 823:13	access 968:13	793:3 805:8,9	actions 774:3,4	1019:10
835:11	accomplish	805:24,25	774:7 801:2	addresses
839:15	802:24	806:7 807:8	1089:13	1010:10
867:12,14	accomplished	807:24	actively 988:11	addressing
872:25	890:23	828:21 829:3	activities 780:9	869:8,21
1026:22	account 779:9	831:9,10,13	825:4 850:18	872:21 918:5
1069:25	779:12 807:3	831:17,20	865:13	926:23
1091:20	810:5,25	832:10,17	1026:24	adequately
above-entitled	811:17	835:6 836:3	actual 808:6	896:7 906:18
1112:8	815:14	accumulations	850:15	1080:13
absent 971:20	907:13,19	805:10	899:25	<b>adhere</b> 967:24
987:20	997:9 998:11	accuracy 905:7	913:24 999:2	adjacent 802:5
absolutely	1006:14	accurate	add 842:7	<b>adjourn</b> 1098:3
783:4 801:18	1016:12	818:21	866:9 876:24	1098:11
946:13	1026:17,18	905:10	891:2,5,23	adjourned
1018:24	1050:19	906:16 968:1	911:16,24	1098:13
1028:18	1060:8	994:25	1020:21,21	adjust 877:2
1038:4	1073:13	1067:9	1048:25	adjusted
<b>absorb</b> 823:3	1076:22	accurately	1088:7	982:17
823:13,16	1078:5	905:3	addition 804:8	adjustment
824:3 826:2	1079:18	<b>achieve</b> 802:14	839:14	776:6,17,23
826:10,17	1080:2,12,15	achieved	870:20 986:2	777:18
827:1,9,13	accounting	818:23	additional	778:19 780:3
837:15	822:10 844:1	acknowledge	777:7 816:1	782:20,22
absorbed	845:17	996:22	863:1 870:16	783:9,12
808:11,12	1059:4	acknowledges	911:24	787:16
826:6,22	1060:4	997:12,22	948:13	788:11,16,20
832:12	1068:12	acquire 801:10	982:16 984:8	788:25 789:2
absorbing	accounts	850:13	additionally	789:4 796:20
827:17	937:11	acquired	979:18	797:1,9
absorbs 777:2	992:10 997:9	845:16	additions 879:4	805:13
827:20 832:4	997:13,15	848:11,23	953:17	816:20
absorption	998:17	849:17 868:2	994:18	817:14
778:9	accumulated	868:3 876:7	address 789:2	822:14 825:1
	I	1	l	l

828:22 829:7	833:19 841:2	1030:23	949:3 952:10	1081:23
831:6 833:12	857:1 872:11	1035:11	956:8 986:20	1092:7
833:12	872:18 876:5	affiliate 849:18	1046:16	aid 781:2
834:25 838:9	880:25 882:2	849:21 855:5	1047:2	air 942:21
851:20	883:7 921:23	865:7 868:22	1061:17	<b>akin</b> 936:1
940:20	924:1 925:5	871:14	1069:19	Alberts
1053:18	970:19,23	affiliated	1073:9,12,25	1092:20
1055:8,11,17	971:11	865:19 873:3	agreeable	1095:20
1072:1	974:23	affiliates	797:10	1103:4
1100:2	978:14 979:4	848:11 849:9	agreed 889:7	1105:9
1107:7	979:10,21	affiliate's	978:13	alerting 799:25
adjustments	1041:16	848:14	984:20 985:1	800:2
777:13 939:3	1091:24	affiliation	986:3 989:24	allegation
993:6 1060:9	1092:11	849:23	1020:14	793:14
admissibility	1094:17	<b>affirm</b> 851:12	agreeing	alleged 777:17
903:17	adopt 986:22	<b>afield</b> 966:6	1036:6	allocate 997:16
admissible	987:7	afternoon	agreement	1000:23
921:10,18	1023:13	841:14,18	839:17	1021:23,24
922:7	adopted 865:8	842:19,23	841:23 849:5	allocated
admission	945:8 948:4	854:21	861:2,4 885:4	998:11,17
833:17 872:8	987:13	876:20,24	888:9,18	allocates
879:8 896:11	1030:23	878:10	911:12	1047:12,13
896:13	1032:13	883:17,18	917:23	allocating
920:25	1034:15	916:8,10	930:24	1042:3,6
974:20 995:4	1038:9	924:19,20	968:14 980:8	allocation
1086:23	1047:7	925:12,13	985:14	936:17 939:3
1087:14	1070:6,7,10	933:19,20	1028:7	980:23,23
1090:14,22	1095:21	969:13	1086:10	996:9 997:5
1092:17	adopting	1018:16,17	agreements	997:17
1097:2	1096:25	1045:7	841:21 842:1	1002:1
<b>admit</b> 787:6	<b>advance</b> 939:22	<b>Ag</b> 775:4	848:13,19	1042:15,21
792:14	1017:23	839:18	907:16	1043:13,17
804:25	1036:18	agencies	965:11	1043:25
815:22	advantage	775:20,21	968:20 977:3	1044:2,3,10
879:12	855:12	agency 883:23	981:5 982:4	1067:3
900:13	adverse 786:11	<b>ago</b> 985:13	1049:4	allocations
901:18 922:9	884:17	1070:9	<b>agrees</b> 889:11	1022:21
995:9 1049:3	adversely	<b>AGP</b> 1089:4	991:14	allow 782:24
1067:12	865:12	<b>agree</b> 793:11	<b>ahead</b> 810:9,10	875:11,25
1085:4,7	advocate 991:2	798:14,19	813:16 854:1	889:25
1087:23	advocates	828:23 829:2	867:19 925:1	<b>allowed</b> 823:11
1091:22	777:8,20	830:21 837:6	928:14	823:21 837:7
1097:10	advocating	843:16	937:13	852:19 873:4
admits 872:14	780:21,22	885:13 910:6	970:25	932:2 1002:9
admitted	affairs 790:7	925:14	1002:9	allowing
784:10 804:5	affect 835:24	928:23 931:1	1005:9	850:24
816:15	931:2 948:6	934:8 944:22	1048:18	852:17
	l			l

Г				
<b>allows</b> 794:12	853:3 866:16	1009:8	<b>answers</b> 812:10	appeared
796:25	872:18	announce	812:12	1086:23
921:24	925:15	775:18	974:13,15	appearing
948:12	930:23 931:5	announced	988:13	774:24 775:6
all-electric	931:10 932:5	941:21	994:23	812:20
983:25	935:10,24	<b>annual</b> 888:10	1040:23	813:16
1024:8	937:1 940:1	888:13	1084:6,9	1085:21
1037:4	945:5,6	912:11	anticipate	appears 778:24
1068:2,22	966:20,21	953:13,20,25	842:4,12,13	787:24 788:2
1069:21	967:3,10	954:12	902:23	927:11
1072:6,15,24	973:21	965:18	1015:16,23	981:13
1073:5	998:10,17	1007:7	1016:2,11,25	1006:13
1075:2	1023:16	1051:19,22	1017:5	1009:7,20
1076:5	1048:10	1051:23	anticipates	1011:2,3
<b>all-time</b> 886:10	1074:6	1052:3,4,4	841:19 848:8	1037:24
<b>alpha</b> 1056:11	amounts	1059:7,8	anybody	1072:24
alternative	926:18	1060:25	1021:8	appendices
861:11	1075:8	1066:3,4	1030:3	809:19
892:12 893:3	<b>ample</b> 862:9	1067:22	1088:17	appendix
955:22	<b>analogy</b> 846:18	1068:21	anymore 996:4	917:12,20
Alternatively	874:2,3	1069:3	<b>anyway</b> 803:2	920:2,3 970:8
783:10	analysis 823:5	1075:17	868:9 976:8	1107:18,20
altogether	849:2 891:22	1077:7	976:19	1107:21
983:22	892:10	1083:25	<b>apart</b> 858:25	<b>Apple</b> 844:17
amenable	912:12,21	<b>answer</b> 789:23	859:14 875:5	<b>apples</b> 846:16
923:16	937:7 938:5	790:15	966:25 983:6	846:16
amended	938:10	797:21,23	apologies 928:3	847:11,11
807:21	940:17,19,23	798:5 836:18	apologize	875:6,6
1084:7,9	954:18,19	837:22	793:11 798:5	apples-to-ap
Ameren 852:9	992:16	839:12	824:6 919:15	1059:21
868:2 875:8	1004:16,19	892:21,24	925:3	applicant
930:12	1011:17	903:21	apparent 815:3	776:19
1047:8	1013:2	906:23 908:5	apparently	842:21
1070:6,9	1031:21	908:6,16	807:18	applications
<b>Ames</b> 864:18	1040:6	946:2 947:25	<b>appear</b> 842:24	927:4 994:9
<b>amount</b> 783:17	1060:10	949:2 973:18	901:19 905:1	applied 806:7
791:10	1061:22	984:17 990:3	905:3 906:17	807:12 869:5
798:23	1063:10,12	1035:18	1005:4	985:20 986:5
822:18	1079:8,12	1053:17	1020:2	992:4 1032:6
827:17	analysts 996:14	1054:5	1023:14	<b>applies</b> 813:10
831:21 832:1	996:22 997:7	1062:5	1087:3	989:4,4
832:11,17	997:14,23	1064:24	appearance	1095:7
843:8,25	1001:20	1074:1	774:9 775:21	<b>apply</b> 792:7,15
845:12	analyze 1009:3	1082:18	784:18	824:14
850:23	analyzed	1088:2	1085:19	1006:12
851:16	830:24	answered	APPEARAN	1056:14
852:13,24	analyzing	830:24	771:1	1059:20
L	l	l	l	l

applying	1034:6	860:23 870:2	835:3,5	aspects 868:4
922:23 923:1	1080:8,9	873:14	836:14,24	874:7 888:25
appointing	apt 874:3	874:25 875:9	837:18	assembled
788:15	<b>Aquila</b> 845:16	890:23 895:1	838:17 841:9	880:23
appreciate	845:22 846:2	923:17	845:21	assert 852:14
785:10	848:10,11,23	953:16 957:1	846:11	asserting
787:21	849:8,25	1022:22	853:24 856:8	893:13
807:19	850:13 852:6	1037:11	866:20 869:7	assertion 892:8
819:10	853:9,10	argue 838:25	869:20	asset 931:7
842:25	855:4,9	1074:14	875:16,18	941:18
876:11	856:16 857:6	arguing 934:17	909:22	assets 848:12
902:18 903:3	857:21 858:8	1028:24	911:15,17	860:17
approach	858:9,13,14	argument	914:11,20	937:11
886:21	858:16,17,21	788:10	935:12 949:2	939:19,21
892:18 927:5	859:1,3,4,15	791:25 792:7	952:22,22	assign 937:10
997:1 1043:2	859:17,21,24	792:14	954:8 965:21	1089:23
1050:23	860:2,5,7,11	816:11 877:1	1001:15	assigned 774:7
1065:8	860:16,21,23	981:11	1026:4	843:19,20
1066:6	860:25 861:5	1028:9	1029:7,13	913:6
approaches	861:8,10,14	argumentative	1031:10	assigns 941:18
871:2	861:16,19,20	915:2	1033:17	assistance
appropriate	861:23 862:2	arguments	1036:12,22	807:19
779:18	862:5,7,13,24	991:9 1017:6	1053:5,25	associated
804:22	867:12,14,17	<b>Aries</b> 849:4	1054:10,14	775:20
851:15	868:24	860:21,25	1073:24	849:20
866:10	871:24	861:4,6,7,8	1077:15,22	851:19 853:3
925:15 931:3	872:22,24	930:24	1079:8	853:5 857:10
934:13 967:9	873:2 876:5	Arkansas	1084:5	866:14,16
975:10	912:16,24	873:15	<b>asking</b> 803:21	869:5 870:2
980:17	913:6,8,15	arrangement	805:7 807:7,9	874:20 875:1
987:24	935:3 936:9	885:15 888:6	807:11,12	880:24
1035:19	939:20 940:4	910:16,18	836:2 850:20	925:23
1038:19	940:4,6 941:4	911:10	866:23	929:19
approval	942:17	art 921:25	869:15 871:4	931:13,18
1042:15	Aquila's	1073:10	903:17 929:5	944:13
<b>approve</b> 796:25	848:13,18,21	articualted	945:3 952:19	965:23
888:10 981:6	849:2 854:25	876:22	952:20 953:4	967:11
approved	856:6 859:14	articulation	969:8 976:5	996:18 998:4
845:6,9	859:22	816:9	1014:20	1016:3,21
923:13,18	860:14	ascertain 865:1	1015:6,8	1024:5
981:10	862:10,17,20	aside 853:4	1034:22	1050:11
approximately	940:24 941:3	asked 785:18	1053:1,2,6	1064:2
831:7 858:2	area 802:20	796:12 800:5	1056:7,21	Associates
872:2 885:7	843:11	801:19	1064:15	973:2
940:25	844:24	804:13	1065:20,23	Association
983:15	854:25 856:3	812:25	asks 789:21,23	771:22 772:5
1030:19	857:25 858:4	834:16,18	851:6	876:13
		<u> </u>		

				1
Associations	authenticating	<b>A&amp;E</b> 1047:17	1058:4	775:11,11
839:19	896:20	1070:10	1062:19	786:21,22
assume 795:13	Authority	<b>a.m</b> 774:1	1070:22	817:6,7
835:20	770:13,16		1081:20	876:13,14
1005:16	authorize	B	1088:11	880:5,6
1013:9	850:14	<b>B</b> 774:24	1090:7	881:13,14
1030:21	authorized	982:15	background	882:15,16
1095:7	850:12 992:1	1004:19	854:23 856:2	895:8,9 933:8
assumed	authorizes	1008:14	857:14	933:9 979:16
1014:18	780:3 796:20	1009:5	backwards	979:16
assumes 825:21	availability	1014:14,16	878:22	986:23,24
1053:25	888:19,20	1014:24	1026:2	996:3
assuming 824:2	available	1056:16,20	bad 822:23	1018:13,14
826:13	780:24 818:8	1061:8	850:20	1018:15,25
827:14 832:8	818:15	1068:1,21	<b>baffled</b> 923:1	1019:3
832:20 836:2	860:19 861:6	1079:25	Baker 922:7	1021:11
1058:24	861:7,8	1080:3,10	balance 826:22	1033:17
assumption	887:20 912:3	1094:13	873:7 925:25	1034:22
1048:12	935:15	back 776:4,13	980:22	1035:18
assure 1024:2	1028:1	796:11	balances	1069:14,15
1034:12	average 805:12	802:16	925:24	1069:16
attached	832:17	805:21 816:6	926:11	1070:17
814:17,24	983:13,16	817:3 833:14	967:16	1079:5,5,6,6
845:25	1019:13,24	835:19	bankruptcy	1079:8
attempt 779:1	1020:3,4	840:20 841:7	857:23	1081:17
859:15	1032:20	841:10,15	858:23	1101:21
981:13	1033:5	853:16	Barbara	1102:5
1050:15,18	1047:7,17	884:24	978:18	base 777:1
attempts	1069:21	898:12 900:9	1109:5,7,12	793:9,9
980:22	avoid 902:25	909:20	1109:14	801:24
attention	<b>avoided</b> 1098:1	914:10 916:6	<b>Barnes</b> 781:21	802:14
853:22 997:8	aware 797:2,6	938:24	781:22	805:12,13,19
attest 1037:25	802:20	947:16 954:9	787:18 809:5	805:20 806:1
Attorney 771:2	837:22 838:3	966:23	809:7,11	806:3 823:2
771:2,6,10,10	847:17 873:6	977:10,14	812:19	824:2 825:18
771:15,20	884:23 885:1	1004:3,15	813:15	826:14 829:4
772:1,6,10,13	888:3 931:17	1008:25	814:17 815:7	843:12
772:17	964:9 984:20	1010:9,19	815:10 816:9	849:10,15
attributable	985:10	1013:22	817:12	850:22 851:5
1036:9	996:11,13	1020:9	819:18	852:15
audit 888:15	997:22	1027:25	820:16	856:19 857:8
<b>Auditor</b> 809:17	1015:22	1029:3	825:14 834:2	864:12
<b>August</b> 853:11	1037:9	1031:14,20	834:6,15	866:12,13,15
871:24 926:3	1047:6	1038:16	840:23	866:18 869:6
937:4	1094:22	1039:10	1100:10	869:21
1083:14	<b>awful</b> 907:11	1043:22	1108:3,4,11	885:11
authentic 897:8	1005:5	1049:13	<b>Bartels</b> 771:20	925:17
	l	l	I	l

	_			_
930:15	1028:23	<b>begins</b> 790:15	900:8 902:8	1085:2
931:11 934:2	1059:7	841:11	908:16,18	1087:19
934:11,16,18	1063:5	<b>behalf</b> 774:10	909:6 910:8	1088:6,22
938:4,12,13	<b>basing</b> 803:3	774:20,25	910:12,22	1091:19
945:16	basis 777:7,22	775:7,9,11,16	911:11,15	1095:1
992:15	801:25	1085:21	912:10	believed 940:2
1027:14	803:22 804:9	1098:7	916:14 917:1	believes 871:20
1031:13,20	804:19,23	behavior	918:23 919:1	876:4 986:2
1042:2,8,11	805:12 808:2	806:13	920:14	Bemiston
1043:5,9,17	808:6 820:18	behaviors	922:22	771:16
1044:8,14	859:10 890:1	807:3	924:23 926:2	<b>Bench</b> 796:10
1045:11	890:18 891:9	<b>belief</b> 779:19	926:12 930:9	799:9 833:24
<b>based</b> 777:18	912:5,11	804:23	932:17	880:7 881:21
830:17	921:12	812:13	935:20,23	882:23,24
848:20	965:18 986:1	830:17 926:6	942:10 945:1	883:3 909:8
849:11	1022:5	931:2 974:16	951:4 952:11	972:7 975:20
868:21,22,23	1030:5	995:1	954:7 969:13	1001:7
872:12	1078:3	1067:10	970:19	1024:19
907:24 908:9	Bassham	1084:11	972:15 975:8	1077:12
908:24 914:3	1092:21	<b>believe</b> 775:13	976:2 977:18	1084:22
935:14	Bassham's	780:18	977:23	1094:22
936:17	1095:22	782:21	978:19 980:1	beneficial
937:10,23	bear 783:5	784:10	981:1 986:20	1089:14
940:20,21	798:12 921:4	785:17 788:6	987:8 995:13	benefit 821:8
941:2 946:4	1049:25	788:18,18	997:6 1001:2	821:20
946:23 947:1	1063:16	790:21 797:8	1002:11	849:22
949:10,13	1075:3	798:6,10,14	1005:6	1037:7
953:16	bearing 865:5	798:16	1016:20	benefits 778:3
980:13 982:3	942:6,14	804:16,21	1017:22	benefitted
988:2,14	946:6,9,11,14	808:21	1022:21	828:17
997:17	946:19 947:7	809:19 811:9	1026:7	<b>best</b> 800:11,16
1002:17	948:9	813:5,17	1029:13	800:17,19,22
1015:14	<b>bears</b> 783:7	820:5 821:6,9	1030:20	801:3,9,10,13
1017:8,11	798:7	822:3 829:4	1031:10	803:1 812:13
1030:25	bedroom	830:2 831:16	1032:10	817:18,22
1037:22,23	846:22	836:18	1034:25	818:24 819:6
1062:2,11	<b>began</b> 774:1	837:11,18	1035:17,20	830:23
1068:10	790:25	838:21 842:3	1036:20	906:16 943:5
1072:14,17	859:14 861:8	842:9 845:3	1037:1,13	974:16
1072:18	862:7	847:19,20	1045:1,25	984:17
base/interme	beginning	854:18	1051:7,17	994:25
980:22	776:18	858:11	1056:10	1033:11
basically	787:23	871:23 874:2	1064:4	1038:21
843:16 888:5	793:21	882:1 883:25	1065:12,22	1067:9
1001:24	858:17 918:6	884:9 885:9	1065:24	1084:10
1004:9,23	918:20 980:2	888:12,14	1071:8	bet 896:15
1027:23	1074:7	890:17 897:6	1078:12	1013:21
	l	l .	<u> </u>	I

	1	i	1	•
<b>better</b> 789:23	1075:11,18	<b>body</b> 814:21	1080:5	844:23
794:3 802:25	1077:1	<b>Boiler</b> 921:15	<b>breaks</b> 841:11	Brubaker
819:12	<b>bills</b> 1007:7	<b>Bolivar</b> 772:18	Bresette	973:2 978:4,5
913:21	1052:3,4	bolstering	1092:24	1046:18
1048:14	<b>BIP</b> 1045:11,13	804:10	1093:6,7	1047:18
<b>beyond</b> 804:11	1045:17	bondholder	1095:24	1069:20
804:14,17	1047:16	884:24	1103:6,7,9	1110:3,5,7,15
816:3	<b>bit</b> 815:1	<b>bonds</b> 884:14	1105:11	1110:16,18
1034:19	818:25	884:20	brevity 854:12	<b>Bryan</b> 772:18
<b>bid</b> 846:3,4,5	834:22	<b>bonus</b> 888:19	1077:20	775:15
852:7 855:10	876:10	889:1	Briarcliff	<b>Bryant</b> 1093:8
871:12	911:16 935:2	book 843:23	1027:22	1095:25
913:21	935:3 938:24	845:12 846:3	<b>bridge</b> 991:11	Bryant's
<b>bidder</b> 860:8,9	943:14 966:2	846:6 847:24	<b>brief</b> 778:23	1096:1
<b>big</b> 846:24	1008:11	867:8 871:5	briefing 796:4	<b>Brydon</b> 772:14
902:6	1023:5,6	913:8,10,11	1097:16	<b>budget</b> 888:13
bigger 802:25	1044:13	935:21 936:2	<b>briefly</b> 834:13	budgeted
<b>biggest</b> 985:15	1050:7	937:16,18	854:7 893:23	973:20
1029:2	Black 859:24	964:18	909:16	<b>build</b> 830:1,7
<b>bill</b> 935:7	blacked-out	967:11	924:17 987:2	830:10 856:6
1003:6,10,19	951:2	<b>booked</b> 999:2	1000:19	859:4 860:17
1004:4,5,15	<b>blame</b> 1008:1	<b>borne</b> 801:24	1001:13	860:24
1004:19	block 982:15	826:6	1025:2	861:12
1005:2,8,10	984:5,8,11	<b>bottom</b> 827:12	1045:5	863:24 864:1
1006:25	1009:6	874:15 902:2	1069:15	951:23
1007:20,23	1057:9	927:17	<b>bring</b> 843:10	952:12 953:6
1009:18	blocks 982:23	1008:14	846:19	954:1
1010:1,4,12	983:5 1001:2	1012:14	870:17 948:5	building 830:4
1011:17	1008:15,22	<b>bought</b> 852:9	982:17 984:9	855:13
1013:3,15	1009:16,17	857:6	1038:25	861:19
1014:1	<b>blue</b> 870:8	Boulevard	1075:4,5	874:17
1030:16	<b>Blunk</b> 777:20	772:7	1089:16	953:21
1031:3,7,21	793:19 821:1	box 772:22	bringing	954:13
1037:22	821:22 844:5	773:2 829:5	857:10 870:3	1027:11
1050:10	844:13	1029:19	944:12	<b>built</b> 830:13,22
1051:14,22	946:16	1031:14	1020:16	844:10 849:9
1051:23	954:25	1040:5	1036:1	852:21 856:3
1059:7,9	1087:16	<b>break</b> 776:10	<b>brings</b> 786:23	859:6 860:25
1063:13	1092:21,21	838:10,11,12	847:22,22,23	861:20
1064:2	1092:22,23	838:14	864:5 872:19	867:25
1065:6	1095:22	840:17,21	873:10	884:11 953:1
1078:2,4	<b>Blunk's</b> 794:18	841:3,6,8,9	Broadway	953:16
1083:24	794:21	841:13 916:1	771:20 772:2	965:15
1084:1	795:10	916:3 967:23	772:11	<b>bunch</b> 996:16
1096:13	820:19,23	977:12	brother-in-law	<b>burden</b> 778:6
1097:1	821:10	1039:9	846:20	822:6 845:5
<b>billing</b> 1037:21	<b>board</b> 982:2	1048:13	brought 802:3	<b>buried</b> 999:6
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

burn 830:23	925:20	1081:7	carefully	846:13 847:4
<b>burned</b> 781:14	calculation	<b>cap</b> 1001:16	851:11	847:15,18,20
<b>Burton</b> 883:5	869:2 998:2,3	<b>capable</b> 868:18	Carl 771:15	848:1,8 849:1
883:15 950:8	1004:24	capacity	775:6 876:20	849:7,10
1093:11	1005:8,11	809:13	Carlson	850:12,13,19
1096:3	1006:22	830:18	1093:10,10	850:22 851:1
1100:22	1007:7,11	836:15,17,19	1096:2	851:3,9,12
Burton's 952:3	1009:18	836:22	<b>Carole</b> 772:17	852:12 853:7
business	1014:1	848:19 849:4	775:15	853:23 854:8
783:25	1057:25	849:11 856:6	carried 845:5	854:10 856:9
862:12	1058:24	860:14,15,23	carrot 802:23	856:12,13,14
901:20	1063:25	861:21,22	carryover	856:19,24
924:14	calculations	862:3 863:2,6	787:14	862:9 864:6,7
996:15,23	926:16,18	872:13 886:1	Cary 853:13	864:14,16,18
997:16,24	1009:25	889:15,19,21	916:17	865:24,25
1024:4	1013:14	889:22,25	1101:2,6	866:4,7,8,11
1028:23	1051:9	890:3,3,4,6,9	1107:23	866:16,24,25
1037:10	California	890:14,14,16	1108:6,8,13	867:4 868:16
1040:4	947:11,12,16	894:8 908:2	1108:15,17	869:12,23
businesses	call 802:7	908:10,12,20	case 775:2,4	870:14,23,25
1021:7	809:4 814:10	908:25	776:21,24	871:3,3,4,18
buy 800:13	823:1 882:6	911:24,25	777:3,4,4,5,7	871:19,21
860:8 884:16	882:24,25	913:3 930:22	777:14	875:5 877:11
911:8 942:1	901:2 945:11	930:23,24	778:12,21	878:18,24
942:11	945:12	940:22	779:1 780:18	888:23 892:7
buyer 846:8	972:14	953:17	780:20,21,22	893:8,13
964:14	976:18,23	965:15,16,20	781:9,16,17	895:23 896:4
buyers 941:12	977:22	973:1 994:8	781:19	896:22,24
964:6,10	993:22	1082:12	783:18	898:1 900:18
<b>buying</b> 821:4	1000:3	capacity-spec	788:19	910:1 914:1
862:24	1006:10	908:14	791:20	916:20
<b>buyout</b> 891:16	1027:7	capital 859:15	793:17,19,23	921:17
B-a-r-n-e-s	1033:22	860:19	795:14,19,23	922:24
809:11	1042:8	861:17,24	797:19 802:2	923:15
<b>B-17</b> 1057:12	1089:23	910:23	802:19 803:5	925:15 926:1
	<b>called</b> 857:19	911:11	803:8,11,11	926:20 928:3
C	861:20	973:20	804:5 805:22	929:20 930:9
C 982:15	883:23	Capitol 772:14	806:4,6	930:9,16
1061:6,8,15	943:18	caption 1112:9	817:17 819:4	934:4,22
1069:2	calling 774:2	carbon 1017:1	819:11,21	939:12
1103:11	1053:4	1017:3	820:1,4,20,23	941:15
1112:2,2	calls 806:10,25	care 978:2	821:2 831:20	943:13 945:6
calculate	888:18	1085:2	832:3 838:1	945:7,13
1007:4,12	966:11	1086:18	840:14 842:3	947:24 948:1
1051:13	1026:14	1090:13	842:25 843:4	950:8 957:4
calculated	1039:7	1097:14	843:6,24	965:19,25
843:25	1045:13	careful 999:20	845:12,20	966:19 967:2
1				

				1
967:15 969:2	1063:4,5,17	<b>cause</b> 916:19	Certified	changes 789:2
973:4,5,24,24	1064:1,15	918:3,17	1112:5	814:5,11
974:21,21	1065:4	919:2,12	certify 1112:7	891:15 917:6
978:7,7,8,9	1066:22	970:9 973:4	cetera 789:25	917:7 919:19
978:10,10,24	1067:7	973:23	<b>CGF-12</b> 917:23	926:8 970:13
978:25 979:6	1068:17	994:11	<b>CGF-13</b> 917:23	970:17 974:3
979:17 980:6	1069:3	1034:16	<b>CGF-14</b> 917:25	974:10
980:10,10,11	1070:6,8	1038:20	Chairman	1037:7
980:14,19	1071:2,5,5	1039:1	770:20 862:8	1040:19
981:8,9	1072:4	1112:8	challenge	1073:15
982:12	1073:17,20	<b>caused</b> 850:18	990:21,22	1082:24
984:10,21	1073:20	862:12 970:5	challenged	1083:17
985:14,19,20	1075:10	1077:23	848:18 892:8	1084:4
985:25 986:3	1076:3,9,22	1082:16	1037:12	changing
987:23	1080:24	<b>caution</b> 784:21	challenging	806:12 808:9
990:22 991:7	1085:17,24	Cave 772:18	851:4 933:25	1032:4
991:8,20	1085:24	775:15	937:25	1038:17
992:2,17,24	1086:2,3,4,7	caveat 934:23	<b>chance</b> 1066:18	characteristics
993:3 994:11	1086:8,10	946:3	1090:8	1035:6,9
994:12,13	1088:19,20	1048:25	change 777:7	<b>charge</b> 790:10
1003:3	1089:15	1088:7	778:5 779:22	862:21
1012:19,21	1090:19,21	caveats 800:18	810:7,9 814:5	873:21
1015:16,18	1090:21	<b>CCR</b> 770:24	814:7,8,14	908:15 986:6
1015:21,23	1091:9,11,13	1112:17	815:23 816:9	987:13
1016:12,24	1091:15	cent 1034:8	843:18,20,23	988:20 998:4
1017:13,14	1092:3,6,17	center 772:2	877:2 926:7	998:9
1017:23	1092:18	779:10	932:6 999:7	1005:11
1021:23	1094:18	815:15 860:4	1023:21	1006:1,3,9,11
1022:13	1095:11	cents 805:15,19	1059:5	1006:20,21
1024:3	1097:24	806:2 1034:6	1068:17	1007:4
1030:7	cases 841:22	1034:7	1069:2	1010:16,24
1031:9	842:3 849:1	<b>certain</b> 791:10	1083:22	1012:1
1032:18,19	897:4 899:22	794:24 824:9	changed	1014:2,11
1032:23	1017:1	894:6 907:13	780:17	1033:20
1035:23,23	1038:23	909:1 984:11	802:21	1034:1
1036:19,24	1055:22	1082:17	806:12,13,15	charged 804:21
1037:2,7	1064:7	certainly	806:22 807:2	charges 875:17
1046:2,15	1070:9	786:16 796:6	807:4,10,24	986:5 987:11
1047:9	1071:3	814:8 819:8	808:13	1006:13
1050:2	1086:1	845:4 923:5	816:15	1057:19,20
1053:19	cast 1008:1	923:16 936:2	824:19	<b>Charles</b> 771:10
1054:25	catch 818:20	998:14	866:23	774:13
1055:9	819:3 1097:6	certainty	891:12	<b>chart</b> 950:12
1058:7	categories	784:17	944:20	950:20
1060:3	1003:9	867:11	1011:6	1005:12
1061:9	category	907:14 922:4	1027:23,24	1107:7
1062:4	1033:13	922:6 971:7	1040:1	chatfield@sti
	I	1	I	I

771:13	1028:23	968:15 976:3	782:21 783:9	1080:21
<b>cheap</b> 861:19	1072:3	980:9 982:18	783:12	closing 1038:12
cheaper 844:21	1112:14	985:11,16,21	787:16	clumley@la
844:23	city's 884:2	987:13 988:3	788:12,21,25	771:18
874:15,18	claim 873:4	988:22	789:2,4,11	coal 830:5
check 839:15	claimed 793:20	990:18	796:21 797:1	coffin 859:23
937:5	858:23	997:18	797:9 805:13	<b>Coffman</b> 772:6
1061:21	claims 889:8	998:12,18	815:19	774:24,24
checking 809:2	clarification	1000:1,21	816:20	782:17 786:7
841:1	814:15 815:8	1002:19	822:14 825:1	786:8,17
<b>child</b> 861:24	815:19 842:9	1019:14	831:6 833:12	796:11,13,16
<b>China</b> 844:18	842:16 851:9	1020:15	834:25 838:9	798:3 799:6
844:21	869:8,9 927:2	1021:21	851:20	800:5 801:19
<b>choose</b> 981:15	927:12	1022:4,18	1100:2	804:6,15,16
1053:23	929:11	1030:14	1107:7	816:25
Chuck 842:23	965:24	1035:5,6,24	clauses 780:3	876:17
circulated	966:17	1038:22	782:22	879:24
978:22	1058:16	1040:12	817:14	881:10,12
circulation	1087:2	1041:1	Clay 859:8	882:10
979:19	clarified	1044:13,19	<b>Clayton</b> 771:17	893:19
circumstances	849:16	1045:10	<b>clear</b> 795:7	924:12
956:16	1075:17	1046:7,8,9,10	803:20	971:19 987:2
<b>cistern</b> 846:25	1078:14	1046:10,16	808:22	987:18
citation 897:12	clarify 779:1	1046:23	814:22 824:6	995:21
955:11	803:12 805:8	1047:1,23	861:13	1018:7
<b>cited</b> 820:8	809:25	1055:1	866:25	1100:4,7
cites 777:14	814:21,25	1066:2	922:19,23	1101:15
<b>citing</b> 922:16	840:15,22	1069:20	923:8 934:12	coincident
<b>city</b> 770:9,12	866:24	1071:11	944:10 949:3	1043:18
771:4,8,12,14	923:21	1080:3,12,21	956:2 990:2	1044:6,9,15
771:21 772:3	933:21	1085:3	1020:6	coincidental
772:12,15,19	1054:4	1107:9,24	clearly 846:15	1043:21
772:23 773:3	clarity 807:20	<b>classes</b> 980:23	990:5	1044:17
774:4,10	Clarksdale	982:18	<b>client</b> 854:14	<b>Cole</b> 1112:4,15
790:6,8	848:15	984:25 986:4	<b>clients</b> 782:19	Coleman
830:18	851:17	986:6,7	987:5	1093:11
846:23 867:9	854:24	1000:11	close 798:4	1103:11
874:4,5,8	857:24	1019:19	821:20	collapse 858:25
878:14,18	883:23,24	1022:6	830:17 850:5	859:13
883:23 888:1	885:2 890:22	classified	868:5 967:3	collapsed 859:2
910:24	910:6,19	997:13	1022:15	861:16
911:10 921:7	class 776:1,16	classify 997:16	1046:18	collapsing
921:7 923:17	781:23 811:7	998:8	1047:3,23	857:23
956:21	813:20	clause 776:6,17	1072:24	colloquially
981:14,21	838:18 839:7	776:23	closer 937:4	844:16
1016:9	840:6 841:21	777:18	982:18 984:9	<b>Colorado</b> 853:9
1019:12	841:25 842:4	778:19	991:12	859:25
	ı	ı	I	ı

				. 1
<b>column</b> 827:3	1061:13	849:18 850:2	980:17	1098:9
836:7,11	1090:7	850:12,14	981:10,11,20	Commissione
919:5 1009:5	comes 806:3	852:11 854:2	982:8,12,14	770:21
1010:25	845:20	854:8 855:19	984:19 985:2	932:23 933:1
1012:4	868:16	855:20,22	985:9 986:22	1066:16
1014:6,9,13	935:14	856:8,10,14	988:10,17	Commission's
1014:14,24	982:10	856:18,21	990:22 991:8	796:1 833:11
1015:2,9,11	1004:5	857:6 862:6	992:1,14	850:1,6
1043:14	comfortable	863:20 864:8	993:16,17	856:13
1051:20	1086:15	864:14,17,19	1015:15	857:12
1056:20	<b>coming</b> 853:18	864:21 865:1	1023:13	859:11 864:6
1061:6,8,15	commendably	865:3,4,7,8	1024:5,10	864:8 865:24
1065:17,18	794:15	865:13,17	1027:17	866:3 867:6
1068:24	comment 805:5	866:1,19	1028:5	868:15 869:2
1071:13	840:2	867:1,3,4,10	1030:21	869:7,16,23
1072:20	commented	867:20,21,22	1032:11	871:13,17,21
combination	945:10	868:9,10,17	1034:15	872:20 899:9
890:23	comments	869:4,9,11,16	1038:9,24	899:13
combined	821:2	869:20	1047:7	917:24
830:3 887:25	commercial	870:14,15,19	1070:9	920:16
939:5	1027:7	870:20,24	1073:13	922:25
combustion	1028:25	871:6,19,22	1076:2,21	926:13 944:4
848:22,24	commission	872:7,16,20	1085:22	949:10
849:7,12	770:2 773:5	873:5,8	1086:1	965:24
853:5,7,19	774:2 776:20	874:19 875:5	1088:10	966:17
856:15	777:6,12	875:7 876:7	1090:7	1086:3
857:16 859:3	778:11,18	877:1,3	1098:5,7,8	Commission
859:5 861:12	780:5,24	883:24 884:1	Commissioner	992:24
861:21 862:4	781:16	885:3 893:8	799:10,13,18	Commission
867:24	782:18	916:21 920:9	799:19,21	934:4
871:10 910:5	783:10	922:24 923:2	800:1,3	Commission
come 776:4	785:13	923:5,7 926:1	833:25 834:1	926:4
780:19 788:6	788:13	926:23	834:4,5,8	commitments
789:8 812:25	793:16	927:11	842:23 880:8	850:16
838:19,20	794:23 795:9	928:23 929:2	880:8,9	committed
840:3,9,19	795:18 796:5	929:15 930:8	881:22	1035:23
841:10	796:7,25	930:10 931:5	882:25	companies
858:18,20	800:15,21	932:15,21	893:21 894:2	774:9 776:21
862:20	801:1,1,17	933:17 936:7	909:9,11,13	819:16
874:16,17	805:9 809:15	942:19 943:7	972:8,9	914:22
897:3 933:2	817:14 820:5	944:10 945:1	975:22,23	915:10
977:10	822:4 834:19	945:12,14	1001:8,9	965:19 980:5
1019:1,20,20	843:4,17	946:1 948:4	1024:20,21	1023:7
1026:13	845:8,15	948:10,13	1077:13,14	1036:10
1028:19	846:12 847:4	966:3,6,19,24	1084:22,23	company 774:5
1049:13	847:18 848:6	967:1,7,14	1088:14,16	774:6,11,12
1051:10	849:10,14,16	980:4,12,15	1089:2,7,11	776:22,22
	l l		l	l

777:1,23	971:20	1072:10	975:25 976:1	882:23
778:7 779:24	975:16	compared	976:1	concludes
780:14	980:21 981:4	847:5 887:19	complexity	808:16
783:24 784:5	981:14	887:25 989:5	805:18	833:23 838:6
789:12 791:9	987:20	compares	compliance	870:20
791:17	993:22	953:13	973:12	880:11
794:16 802:4	1002:22	1071:17	complicated	915:24
802:17	1017:15	comparing	1023:19	967:18
803:25	1020:21	853:17	1026:8,9,11	1002:5
804:20 806:9	1027:23,24	1078:9	1028:9	1081:5
807:3 808:3,4	1028:8,11,14	comparison	complications	1085:1
808:11 814:2	1030:17	847:8,12	1024:5	conclusion
815:23,24,25	1031:6	875:4,6 932:3	component	785:1 875:22
817:17 818:2	1032:7,18	1007:23	783:7 999:17	876:3
818:8,23	1038:14	1037:21,22	1000:11	1007:22
819:12 821:3	1081:18	1059:21	components	1047:2
823:3 826:1,7	1089:9,9	1061:18	999:23	1073:6
826:16 827:8	company's	1075:11,18	comprehensive	1111:12
827:16,20	770:12,15	1077:1	984:21	conclusions
830:19	777:19	1078:3,4	comprise	850:11
832:12,15	806:13	comparisons	985:11	<b>concur</b> 941:6
834:24,24	828:12	846:17 847:3	Computer	concurring
836:7 837:25	829:17	1062:12,15	844:18	862:8,16
839:4 843:16	843:19	1063:2	concept 778:22	<b>concurs</b> 843:22
843:24	845:20 847:2	1069:23	<b>concern</b> 788:19	condensed
845:11,13	847:13	competent	991:19	939:5
847:18,21	881:25 896:7	783:13	1028:16	conduct 991:3
848:1,10	908:1,10,20	competitive	1031:2,5,6	conference
872:3,8 877:8	930:15	1036:18	1032:17	1019:9
891:5,22	935:18	competitor	1033:8	confidential
893:8 896:12	965:25	981:7,14	concerned	813:19
896:24,25	1017:23	1028:20	1019:22	895:21,22
897:5 899:10	1033:18	complaint	1020:13	901:24 902:1
899:16,20,21	1038:12	1028:2	1021:10	902:3,6,9,12
900:2 902:10	1073:15	complaints	1038:13	902:16,24
907:24 908:9	1086:20	1027:4,6,9,16	1076:20	903:2,5,10
908:12,24	company-wide	1028:15	concerning	904:10
909:3 911:8	984:24	complete	828:11	917:25
911:23,24	comparable	794:20	concerns	918:14 919:7
912:2,2,9	1047:21	972:12	973:13	957:14
918:1 920:24	compare	completed	1033:3	1108:5
925:21	824:12 847:8	936:18	conclude 839:6	confidentiality
926:17	866:7 954:18	941:22	1071:20	1092:5,8
934:24 938:4 939:18	1000:1 1056:18	completely 871:17	1072:13 1083:10,11	<b>confirm</b> 779:21 788:4
939:18	1056:18	1076:5,17	concluded	confirming
948:24 956:9	1057:3	completes	777:11 849:2	984:1
740.24 730.9	1039.10	Completes	111.11 047.2	704.1

<b>confuse</b> 909:21	948:19,20	1029:5	792:6	contrast 871:16
confused	949:17,20	construct 849:6	contemplating	contribute
1062:1	1022:17	constructed	852:17	809:18 811:6
1076:8	1036:4	854:25	contents	1021:1
1079:20	considerably	857:20,22	918:13 941:6	contributed
confusing	964:18	858:9 860:21	941:7	781:22
1054:3	1045:17,19	1062:23	contested	813:25
confusion	1047:4	construction	921:25	contributing
778:25	consideration	860:19	<b>context</b> 777:19	990:6 1034:7
787:20	788:25 907:8	1016:8	777:22	1034:10,11
813:14 984:3	907:11	1026:24	793:15,20	1046:10
1006:15	948:16	1027:10	821:2	1071:22
1012:15	992:13	1038:15	Continental	1072:8,15,25
1089:24	1036:8	consultant	921:15	1080:13
conjunction	considerations	973:2	continuation	contribution
1067:6	907:20,20	Consulting	789:10 797:4	813:20 983:9
connection	979:5 987:23	994:10	continue	1020:25
891:18 964:8	993:14	1082:14	776:23 781:8	1033:10,20
<b>Conrad</b> 772:1	considered	consumer	781:9 783:11	1034:22
772:1 775:2,3	788:21	800:20 801:4	797:11	contributions
782:11,13	849:24	819:9 879:22	810:16	1019:19
786:18,20	867:12	consumers	811:15	control 783:4
817:4,5	869:13,17,18	772:9,20	826:15	798:17,21,23
854:13,15	891:7 925:15	774:25	841:10	800:6 801:6,8
880:3,4 881:5	947:19	782:16,20,23	862:20	801:12,15
881:7 882:13	considering	802:16	968:12	controls 800:8
882:14 895:5	788:11,16	816:24	969:21	convenience
895:7 914:5	947:22	854:13	1080:19	864:21,21
914:15,24	considers	876:15 882:9	continued	convenient
915:5 923:9	847:21	893:18	867:10 869:9	796:6,6
932:10,12,13	consistent	968:17	continuing	1041:4
933:7 953:23	779:16 789:7	986:10 987:1	793:22 797:8	conversations
954:4 971:25	870:15	987:5 995:20	914:25 971:2	977:17
972:1 975:6,8	871:17 966:3	1018:6	contract	convince
986:12,14	966:17,24	1041:22	828:13 885:5	990:22
995:25 996:2	993:4	consumption	965:11	<b>Cooper</b> 772:13
1018:11,12	1033:23	904:5	contracts	775:8
1069:11,13	consistently	contacted	777:25 828:6	Cooperative
1081:16	782:21	852:8	907:18	839:18
1088:21,25	848:18	<b>contain</b> 822:22	contractual	<b>copies</b> 793:24
1089:4	consisting	833:7 921:1	891:12,15	793:24 794:2
1101:3	857:15	contained	910:16,17,18	795:24 813:3
conservation	858:10	957:20	contrary	1066:13,15
988:11	consists 793:18	974:11	871:13	<b>copy</b> 795:5,25
consider	consolidation	994:22	930:11	812:23
851:11 865:3	1035:21	1084:6	1017:15	982:20 997:4
865:4 904:20	constitutes	contemplated	1036:13	999:8
	l	l		1

1018:20					
1042:24	1018:20	880:22	1016:20	809:22 811:3	873:17 875:1
1066:20         884:19 885:6         1029:21         812:8 814:7         876:2 887:15           1089:16         885:9,15,21         1038:1         812:8 814:7         876:2 887:16 888:4           1110:20         885:22 886:7         1042:7,22,23         919:3,22         892:2,5,11           903:5         888:12,14         1043:6,10,11         920:7 924:25         893:3 905:17           903:5         888:12,14         1043:14,16         973:9 974:10         905:17,19,20           corporate         890:6,7,24,25         1045:1,16,22         1040:19,21         905:21           858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         905:21           corporation         893:10,11         1046:2         1082:3         910:4 912:7           7918 780:4         913:14 915:4         1051:4,12         889:5 1023:1         913:12 914:3           797:18 780:4         913:14 915:4         1055:23         1088:2         915:20           790:17 791:7,8,16,18         936:10         1057:23         1088:2         919:25 920:1           799:17,8,16,18         936:10         1062:18,25         904:15         943:12           797:34 795:15         940:11         1071:14,20         207:24         946:81 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
1089:16         885:9,15,21         1038:1         814:20 879:4         887:16 888:4           110:20         885:22 886:7         1042:7,22,23         919:3,22         892:2,5,11           corpor 902:7         886:8 888:2         1043:6,10,11         920:7 924:25         893:305:17           903:5         888:12,14         1043:14,16         973:9 974:10         905:21           eorporation         891:4,8,24,25         1045:1,16,22         1040:19,21         905:21           858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         909:25 910:1           70rporation         893:10,11         1046:2         1082:3         910:4 912:7           79:18 780:4         896:19 900:3         1047:18,19         1083:1         913:12 914:3           corporations         906:7 913:2         1050:14         correctly 788:8         915:20           79:18 780:4         913:14 915:4         1051:4,12         correctly 788:8         915:20           79:17 87:17         926:14,20         1057:23         1086:6         917:12,20           791:7,8,16,18         93:10         1062:18,25         904:15         943:12           792:12,13,20         938:23 940:2         106:11         072:3         944:11 <t< td=""><td></td><td>,</td><td></td><td></td><td>, ,</td></t<>		,			, ,
1110:20         885:22 886:7         1042:7,22,23         919:3,22         892:2,5,11           corner 902:7         886:8 888:2         1043:6,10,11         920:7 924:25         893:3 905:17           corporate         890:6,7,24,25         1044:23,24         994:18         905:21           858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         905:25           780:6 859:24         896:19 900:3         1047:18,19         1083:1         910:4 912:7           780:18 780:4         913:14 915:4         1051:4,12         889:5 1023:1         916:25           787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         correctly 788:8         915:20           791:179:4         935:5,16         1060:1,7         corrects 969:14         920:2,17           791:23         937:16 938:2         1066:1,7         correspond         944:11 946:6           791:24,3,20         938:39 940:2         1068:11         correspond         944:11 946:6           793:4 795:15         940:17         1071:14,20         gas-14,32         949:14,18,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2					
corner 902:7         886:8 888:2         1043:6,10,11         920:7 924:25         893:3 905:17           903:5         888:12,14         1043:14,16         973:9 974:10         905:17,19,20           corporate         890:6,7,24,25         1044:23,24         994:18         905:21           858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         909:25 910:1           corporation         896:19 900:3         1047:18,19         1083:1         910:4 912:7           corporations         906:7 913:2         1050:14         correctly 788:8         915:20           79:18 780:4         913:14 915:4         1051:4,12         889:5 1023:1         916:25           787:17         926:14,20         1057:23         1086:6         917:12,20           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:17 79:4         935:5,16         1060:1,7         corrects 969:14         920:2,17           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         94:312           797:3 798:13         941:18         1072:13         993:1         948:14,15,19     <		, ,			
903:5         888:12,14         1043:14,16         973:9 974:10         905:17,19,20           corporate         890:6,7,24,25         1044:23,24         994:18         905:21           858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         909:25 910:1           700:6 859:24         896:19 900:3         1047:18,19         1083:1         910:4 912:7           79:18 780:4         906:7 913:2         1050:14         correctfy 788:8         915:20           779:18 780:4         913:14 915:4         1051:4,12         correctfy 788:8         915:20           787:17         926:14,20         1057:23         1086:6         917:12,20           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:11 791:4         935:5,16         1060:1,7         corrects 969:14         920:2,17           791:23         937:16 938:2         1066:1         out-15         943:12         944:81           793:4 795:15         940:17         1071:14,20         933:1         944:81         944:11           808:14         942:15         1073:6,7         corresponds         948:20 949:2           813:11         947:2 949:7         1087:12         cost 776:2,16				,	, ,
corporate 858:8 860:17         890:6,7,24,25         1044:23,24         994:18         905:21           corporation 780:6 859:24         893:10,11         1046:2         1082:3         910:4 912:7           780:6 859:24         896:19 900:3         1047:18,19         1083:1         913:12 914:3           corporations 779:18 780:4         913:14 915:4         1051:4,12         889:5 1023:1         916:25           correct 786:2,3         921:12,17         1055:5         1086:6         917:12,20           787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:11 791:4         935:5,16         1060:1,7         correspond         943:12           791:78,16,18         936:10         1062:18,25         904:15         94:12           791:3,20         938:23         940:2         1068:11         814:22         94:81           793:4 795:15         940:17         1071:14,20         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponding         947:15     <					
858:8 860:17         891:4,8,24,25         1045:1,16,22         1040:19,21         909:25 910:1           ropporation         896:19 900:3         1046:2         1082:3         910:4 912:7           780:6 859:24         896:19 900:3         1047:18,19         1083:1         913:12 914:3           corporations         906:7 913:2         1050:14         correctly 788:8         915:20           779:18 780:4         913:14 915:4         1051:4,12         889:5 1023:1         916:25           787:17         926:14,20         1055:5         1086:6         917:12,20           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         90:22:17           790:17 79:4         935:5,16         1060:1,7         correspond         94:15         943:12           791:23         937:16 938:2         1066:1         correspond         944:11 946:6         942:15           793:4 795:15         940:17         1071:14,20         correspond         947:15         947:15           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:19         1073:6,7         corresponds         948:20,494:2           819:23,24,25         949:14,18,19         1088:5,17,21		· · · · · · · · · · · · · · · · · · ·	,		, , , , , , , , , , , , , , , , , , ,
corporation 780:6 859:24         893:10,11         1046:2         1082:3         910:4 912:7           corporations 779:18 780:4         906:7 913:2         1050:14         correctly 788:8         915:20           787:17         926:14,20         1055:5         1086:6         917:12,20           787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:11 79!:4         935:5,16         1060:1,7         correst 969:14         920:2,17           791:7,8,16,18         936:10         1062:18,25         904:15         943:12           791:3         937:16 938:2         1066:21         correspond         94:11 946:6           792:12,13,20         937:16 938:2         1066:1         814:22         946:8,19           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:79:124           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1	•		′		
780:6 859:24 corporations         896:19 900:3 906:7 913:2 1050:14         1083:1 correctly 788:8 895:1023:1 916:25         913:12 914:3 915:20           779:18 780:4 correct 786:2,3 787:17 926:14,20 1057:23 1088:2 789:13,16 934:2,3,22 1059:17,22 790:11 791:4 935:5,16 1060:1,7 90:17,8,16,18 936:10 1062:18,25 937:16 938:2 1066:21 93:4 795:15 940:17 1071:14,20 1072:13 93:1 941:18 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1072:13 93:1 1082:12 946:20,24 1084:10 814:22 1088:2 949:24,18,19 1088:2,11,15         904:15 948:20 949:24 949:7 1087:12 1087:12 1089:4 814:23 949:7951:24 813:11 947:2 949:7 1088:5,17,21 820:3,11,16 950:10,24 821:12,24 955:8,20 1095:3 805:14,17 964:20 821:8,19 957:15,16 822:18,19 957:15,16 822:18,19 957:15,16 822:18,19 957:15,16 825:4 826:2,7 968:22 816:15 813:20 980:18,25 826:11,17,22 974:15 969:13 814:19 823:8 828:3 999:18,19 1003:7,11,13 827:18 828:3 999:18,19 1003:7,11,13 829:14,18,19 1001:2 829:23 1003:7,11,13 814:6,10 841:25 842:4 985:293 1003:7,11,13 814:6,10 841:22 844:4,5,6,20 989:16 987:9 881:2,18 833:1,5,6 1009:11,13 957:7 840:24 990:3,4,18 833:1,5,6 1009:11,13 957:7 840:24 990:24 990:23 840:7,24 1011:19 corrections 840:63:24 990:3,4,18 833:1,5,6 1009:11,13 957:7 840:24 1000:17,21         1000:17,21           800:10,23         1001:1,13         957:7         840:22 998:4999:23 990:24 997:5 840:24 990:23 840:22 998:4999:23 840:24 990:23 840:22 998:4999:23 840:22 998:4999:23 840:24 1000:17,21         869:24 1000:17,21		, , ,		,	
corporations         906:7 913:2         1050:14         correctly 788:8         915:20           779:18 780:4         913:14 915:4         1051:4,12         1056:6         917:12;20           787:17         926:14,20         1055:5         1086:6         917:12;20           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:11 791:4         935:5,16         1060:1,7         corresto 969:14         920:2,17           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           793:4 795:15         940:17         1071:14,20         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20,949:2           819:23,24,25         949:14,18,19         1088:10         814:23         949:7951:24           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,	-	· · · · · · · · · · · · · · · · · · ·			
779:18 780:4         913:14 915:4         1051:4,12         889:5 1023:1         916:25           787:17         926:14,20         1057:23         1086:6         917:12,20           787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           791:7,8,16,18         936:10         1062:18,25         904:15         943:12           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponding         948:20 949:2           813:11         947:2 949:7         1088:12         cost 776:2,16         952:3,8           812:12,24         955:10,24         1088:4         780:7 781:1         957:15,4           820:3,11,16         950:10,24         1089:4         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         964:20           822:18,19         957:15,16 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
correct 786:2,3         921:12,17         1055:5         1086:6         917:12,20           787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:11 791:4         935:5,16         1060:1,7         correlation         930:20 943:6           791:7,8,16,18         936:10         1062:18,25         904:15         943:12           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           797:3 798:13         941:18         1073:6,7         corresponding         947:15           808:14         942:15         1073:6,7         corresponds         948:20 949:2           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:395:64           822:18,19         957:15,16         corrected         811:4,7         968:12         968:13         814:	-			•	
787:17         926:14,20         1057:23         1088:2         919:25 920:1           789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           799:17,8,16,18         936:10         1062:18,25         904:15         930:20 943:6           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           793:4 795:15         940:17         1071:14,20         corresponding         947:15           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:79 949:2           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           822:18,19         957:15,16         corrected         811:4,7         968:20           822:18,19         957:15,16         corrected         811:4,7         968:13           827:15,9,13			· ·		
789:13,16         934:2,3,22         1059:17,22         corrects 969:14         920:2,17           790:17,8,16,18         936:10         1062:18,25         904:15         943:12           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1066:21         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         955:15 954:1           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:1,5,9,13	· ·				
790:11 791:4         935:5,16         1060:1,7         correlation         930:20 943:6           791:7,8,16,18         936:10         1062:18,25         904:15         943:12           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           793:4 795:15         940:17         1071:14,20         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           827:1,8,9,13 <td></td> <td>,</td> <td></td> <td></td> <td></td>		,			
791:7,8,16,18         936:10         1062:18,25         904:15         943:12           791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           793:4 795:15         940:17         1071:14,20         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:20 949:2           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:71,1,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7	,	′ ′	,		· · · · · · · · · · · · · · · · · · ·
791:23         937:16 938:2         1066:21         correspond         944:11 946:6           792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           793:4 795:15         940:17         1071:14,20         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           829:14,18,19		,			
792:12,13,20         938:23 940:2         1068:11         814:22         946:8,19           793:4 795:15         940:17         1071:14,20         993:1         947:15           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:14,18,19         1001:2 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
793:4 795:15         940:17         1071:14,20         corresponding         947:15           797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:1,5,9,13         978:21         108:17         838:18 839:7         984:9 985:1           829:14         82					
797:3 798:13         941:18         1072:13         993:1         948:14,15,19           808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:23         1003:7,1					· · · · · · · · · · · · · · · · · · ·
808:14         942:15         1073:6,7         corresponds         948:20 949:2           812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:14,18,19         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3 <td></td> <td></td> <td>′</td> <td>1</td> <td></td>			′	1	
812:12         946:20,24         1084:10         814:23         949:7 951:24           813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:14,18,19         1001:2         correction         840:6 841:22         985:16 987:9           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3					
813:11         947:2 949:7         1087:12         cost 776:2,16         952:3,8           819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:14,18,19         1001:2         correction         840:6 841:22         985:16 987:9           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1004:21         816:8 919:10         844:22 846:4         980:3,4,18           832:				_	
819:23,24,25         949:14,18,19         1088:5,17,21         780:7 781:1         953:15 954:1           820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:7,11,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:14,18,19         1001:2         correction         840:6 841:22         985:16 987:9           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:45,6,20         989:16 990:2           83					
820:3,11,16         950:10,24         1089:4         781:23,24         955:3 956:4           820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:7,11,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           829:14,18,19         1001:2         correction         840:6 841:22         985:16 987:9           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,1					•
820:20 821:8         953:10 955:4         1090:14         802:11         957:2,4           821:12,24         955:8,20         1095:3         805:14,17         964:20           822:7,11,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           828:14         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:9,14,23           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836:13,23	' '		' '		
821:12,24         955:8,20         1095:3         805:14,17         964:20           822:7,11,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           828:14         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:9,14,23           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836		· · · · · · · · · · · · · · · · · · ·		· ·	
822:7,11,15         956:10         1112:12         809:18,23         968:15 970:5           822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           828:14         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:94:997:5           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836:13,23         1011:11,18         1066:3         864:3 865:15         1000:21					· · · · · · · · · · · · · · · · · · ·
822:18,19         957:15,16         corrected         811:4,7         976:3 980:9           825:4 826:2,7         968:22         816:15         813:20         980:18,25           826:11,17,22         974:15         969:13         814:19 823:8         981:2,18           827:15,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           828:14         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:9,14,23           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836:13,23         1011:11,18         1066:3         863:16,22         998:4 999:23           837:23,24         1011:19         corrections         864:3 865:15         1000:21		-		, and the second	
825:4 826:2,7       968:22       816:15       813:20       980:18,25         826:11,17,22       974:15       969:13       814:19 823:8       981:2,18         827:1,5,9,13       978:21       1037:17       825:2 835:22       982:1,18         827:18 828:3       999:18,19       1083:3,16       835:23       983:9,21         828:14       1000:8,13,14       1108:17       838:18 839:7       984:9 985:11         829:23       1003:7,11,13       814:6,10       841:25 842:4       988:2,3,14         830:15 831:3       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21<				′	
826:11,17,22       974:15       969:13       814:19 823:8       981:2,18         827:1,5,9,13       978:21       1037:17       825:2 835:22       982:1,18         827:18 828:3       999:18,19       1083:3,16       835:23       983:9,21         828:14       1000:8,13,14       1108:17       838:18 839:7       984:9 985:11         829:23       1003:7,11,13       814:6,10       841:25 842:4       985:16 987:9         831:11,15,23       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21	′	· · · · · · · · · · · · · · · · · · ·		· ·	
827:1,5,9,13         978:21         1037:17         825:2 835:22         982:1,18           827:18 828:3         999:18,19         1083:3,16         835:23         983:9,21           828:14         1000:8,13,14         1108:17         838:18 839:7         984:9 985:11           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:9,14,23           833:1,5,6         1009:11,13         957:7         847:23 849:3         996:24 997:5           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836:13,23         1011:11,18         1066:3         863:16,22         998:4 999:23           837:23,24         1011:19         corrections         864:3 865:15         1000:21           840:7,24         1013:4,12,18         785:18,19,20         869:24         1001:17,21					,
827:18 828:3       999:18,19       1083:3,16       835:23       983:9,21         828:14       1000:8,13,14       1108:17       838:18 839:7       984:9 985:11         829:14,18,19       1001:2       correction       840:6 841:22       985:16 987:9         829:23       1003:7,11,13       814:6,10       841:25 842:4       988:2,3,14         830:15 831:3       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21	' '				· · · · · · · · · · · · · · · · · · ·
828:14       1000:8,13,14       1108:17       838:18 839:7       984:9 985:11         829:14,18,19       1001:2       840:6 841:22       985:16 987:9         829:23       1003:7,11,13       814:6,10       841:25 842:4       988:2,3,14         830:15 831:3       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21		999:18,19	1083:3,16		· · · · · · · · · · · · · · · · · · ·
829:14,18,19         1001:2         correction         840:6 841:22         985:16 987:9           829:23         1003:7,11,13         814:6,10         841:25 842:4         988:2,3,14           830:15 831:3         1003:14         815:24 816:8         844:4,5,6,20         989:16 990:2           831:11,15,23         1004:21         816:8 919:10         844:22 846:4         990:3,4,18           832:7,13,18         1006:2         924:24 925:2         846:7 847:10         996:9,14,23           833:1,5,6         1009:11,13         957:7         847:23 849:3         996:24 997:5           835:17         1010:2,3,18         1008:13         850:4 861:11         997:15,23           836:13,23         1011:11,18         1066:3         863:16,22         998:4 999:23           837:23,24         1011:19         corrections         864:3 865:15         1000:21           840:7,24         1013:4,12,18         785:18,19,20         869:24         1001:17,21	828:14	· · · · · · · · · · · · · · · · · · ·	,	838:18 839:7	984:9 985:11
829:23       1003:7,11,13       814:6,10       841:25 842:4       988:2,3,14         830:15 831:3       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21					
830:15 831:3       1003:14       815:24 816:8       844:4,5,6,20       989:16 990:2         831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21		1003:7,11,13			988:2,3,14
831:11,15,23       1004:21       816:8 919:10       844:22 846:4       990:3,4,18         832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21			,	844:4,5,6,20	
832:7,13,18       1006:2       924:24 925:2       846:7 847:10       996:9,14,23         833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21				' ' '	
833:1,5,6       1009:11,13       957:7       847:23 849:3       996:24 997:5         835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21	' '	1006:2	924:24 925:2	846:7 847:10	
835:17       1010:2,3,18       1008:13       850:4 861:11       997:15,23         836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21	, , ,	1009:11,13	957:7	847:23 849:3	
836:13,23       1011:11,18       1066:3       863:16,22       998:4 999:23         837:23,24       1011:19       corrections       864:3 865:15       1000:21         840:7,24       1013:4,12,18       785:18,19,20       869:24       1001:17,21	1 1	,	1008:13	850:4 861:11	997:15,23
837:23,24 1011:19 <b>corrections</b> 864:3 865:15 1000:21 840:7,24 1013:4,12,18 785:18,19,20 869:24 1001:17,21	836:13,23		1066:3	863:16,22	*
	· ·	·	corrections	864:3 865:15	1000:21
	· ·	1013:4,12,18	785:18,19,20	869:24	1001:17,21
	· ·			870:22	· ·
			<u> </u>	<u> </u>	

1016:21,23	845:1,2,6,7	1033:12	Counsel/Elec	<b>CPU</b> 888:19
1019:14	847:7 849:11	Council 772:9	773:1	889:4,7,11
1020:15	850:15	774:25	count 889:18	891:13
1021:21	856:21	782:16,20	890:17	Crawford
1022:18	857:10,12	816:24	1023:21	877:21,22
1034:1,2	866:4 870:2,4	876:16	counting	883:4,5,6,15
1035:24	870:14,16	879:22 882:9	890:14	893:25
1038:23	873:11	893:18	countless 991:6	897:15,19
1040:12	874:20	968:17 987:1	country 823:9	903:9,25
1041:2,6	875:10,11,15	987:5 995:20	824:10	909:20
1044:13	876:1,9 877:5	1018:6	828:25	954:21,25
1045:10	893:9 912:8,9	1041:22	1037:11	955:19
1046:1,10,14	913:20,22,24	<b>counsel</b> 772:21	<b>counts</b> 889:15	956:21
1046:16	914:2 929:19	772:24 773:1	<b>County</b> 859:7,8	1096:3
1055:1	931:2,6,8,13	773:2 774:19	915:15	1100:22
1069:3,20	931:18 932:4	774:21 782:3	1112:4,15	Crawford's
1071:13	932:4 934:1,8	782:5 786:24	<b>couple</b> 777:16	846:1 950:8
1072:7,14,21	934:18,24	789:23,25	787:11 825:7	951:22 952:7
1073:9,14	944:12	794:11,14,22	932:12	1093:11
1076:7	947:18,23	795:22,23	933:21	created 966:22
1080:21	948:2,5,7,11	796:2 798:1	980:12	966:22
1085:3	948:12,14	817:9 841:17	982:21	1028:25
1086:24	949:4,5,6,18	841:17 854:6	996:10	credentials
1087:3	949:21	854:9 881:16	1018:18	917:11
1101:12	954:23 955:5	882:18	1019:6	922:19 970:7
1107:9,15,17	955:9,18,23	895:11	1076:19	credit 850:17
1107:18,20	956:2,3,7,8	914:25	1082:2	1006:11,14
1107:21,24	956:10	923:15	1083:1	credited 843:9
costs 776:25	964:22,25	924:22	<b>course</b> 777:25	<b>credits</b> 779:13
778:9 779:5,6	965:2,4,5,7,9	933:11 954:5	845:2 901:19	Creek 846:14
779:7,9,25	965:10,12,13	975:12	992:1 1041:2	852:9,9,10,10
781:13,14	965:17 983:4	977:17 985:7	court 812:17	853:15,16
792:5,22	989:16	985:18 986:2	812:22	859:7,8 867:5
801:24	990:15	987:8 996:5	864:17,19,23	867:6,16,17
805:11,16	996:15	1005:20	865:16 872:6	867:23,23
810:1,3,8,17	997:17,24	1021:14	876:3 880:10	868:1,1,2,2,5
810:21 811:1	1016:2,12	1026:4	921:16 922:1	868:5,8,8,11
811:16,21	1021:2	1029:6	954:8	868:12
815:11,13,14	1033:16,19	1036:11	<b>cover</b> 902:13	871:18
815:18	1033:25	1041:23	1003:13	874:22,23,24
817:19,24	1034:11	1053:23	covered 843:21	874:24
823:2 825:18	1042:4,7	1054:3	845:10	914:23 930:5
826:11,14	1047:12,13	1058:13	919:15	930:5,12,19
827:1,5 831:9	1067:3	1075:8	covering	943:18,18
835:16 837:8	cost-based	1091:18	1033:18	946:15
843:10 844:8	981:15	Counsel's	1034:11	949:14,17
844:9,19	991:12	969:12	<b>covers</b> 1033:25	967:8
	1	I	I	I

Creek/Goose	857:18,20,22	931:14,19	1045:6	1059:24
930:18	858:2,5,6,9	934:1,11,13	1048:5,20	1060:9,14,25
Creek/Racoon	858:13 859:6	935:4,7,11	1049:19	1061:1,19,22
871:18	859:12,19	937:15 938:4	1069:12,16	1063:3
critical 828:12	860:3,5,10	938:19	1070:20	1075:16
946:5	862:25 863:3	940:25 943:6	1081:9,23	1077:23
criticism	863:11,13,14	943:9,22	1084:15,17	1081:7
777:23	864:12,24	944:17	1084:18	1082:6,10
cross 784:3	865:13,19	946:12	1088:12	1102:8
786:1,4	866:9,10,11	953:17 956:4	1100:7,7,11	1110:23,25
877:13,20	866:13,15,17	957:5 964:8	1100:11,23	1111:1,4,5,7
879:18 881:1	866:17	964:11,16	1100:23,24	<b>cure</b> 862:3
882:3 883:8,9	867:13,23,25	965:23 976:2	1101:3,3,4,6	<b>curious</b> 788:13
914:11 933:8	867:25 868:3	1100:14	1101:18,19	<b>current</b> 780:13
968:4 975:10	868:6,18,23	cross-examin	1101:21,21	783:9 788:24
977:10,19	869:5,24	785:24	1101:22	792:7 797:4
995:14	870:1,7,9,11	786:10,14,19	1102:3,4,4,5	797:10,14
1034:19	870:17,21	787:3 796:16	1102:5	798:6 822:20
1041:20	871:5,7,11,12	804:11	CSR 770:24	825:24
1048:10	871:23 872:2	815:25 816:1	1112:17	826:15 827:7
1069:14	872:15	816:12,19,21	CT 830:5	836:1 866:8
crossroads	873:12,19,20	817:11	<b>CTs</b> 894:8,11	872:13
779:9 811:1	873:23 874:2	819:17	894:13	940:23 986:7
811:21	874:10,12,21	833:24	Cummings	990:11 993:6
815:15	875:2,8,12,23	879:19 880:1	977:21 989:8	993:8 998:22
838:16,25	876:6 883:22	881:2,6,11	989:17 990:1	998:24
839:6 840:3,5	884:4,11	882:6 883:16	991:21	1033:24
841:11,20	890:8 892:2	893:17,22,24	992:10,17	1051:14,15
842:5,20	894:7 908:19	895:6 897:23	993:4,11	1051:18,22
843:3,4,13	908:25	914:6 915:2	1005:17	1052:5,6,22
845:12,13	909:22 910:5	924:8,18	1006:8,19	1056:19
846:3,11	910:25 911:4	932:13	1007:1,16	1057:3,6,8,10
848:14 849:8	911:16,22	933:18 969:1	1009:17	1057:14,20
849:12,15,18	912:1,6,15	971:16 975:2	1010:19,20	1057:24
849:19,21	915:11	975:3,7	1012:6,7	1058:20,24
850:8,22,24	916:22 917:2	976:10 995:6	1013:11	1059:8,9
850:25 851:2	917:22 918:5	995:17,19,23	1050:11,16	1070:8
851:4,13,16	918:20,23	996:1,5,7	1050:19	currently
851:17,20,22	919:24 920:8	1000:17,20	1052:9,14,16	783:15
851:24 852:6	921:2,3,6	1002:10,11	1052:18	797:24
852:7,9,10,14	922:3,12	1002:18,22	1053:2,5,10	798:25 799:1
852:16,18,22	925:16 926:4	1002:24	1054:11,15	875:16
853:1,2,8	926:7,11,14	1018:5,9,15	1055:2,7	931:13
854:22,23	926:21	1021:18	1056:11	932:24
855:6 856:2	928:25	1037:13,23	1057:13	<b>Curtis</b> 771:16
856:17,19,25	929:14,19,23	1041:21	1058:3,6,19	customer 778:3
857:3,14,15	930:1,7 931:3	1042:1	1059:3,10,14	821:8,20
<u> </u>		I	I	I

	ī	ī	-	
986:6 987:11	981:15,22,24	D	deal 777:16	851:21
987:13 988:7	982:16,19,23	<b>D</b> 770:20	860:2 870:13	860:11
989:6 992:15	982:24 983:3	953:15	923:18	862:11,17
996:18 997:9	983:7,7,10,13	1012:4	<b>dealing</b> 996:17	decline 828:24
997:13 998:4	983:14,15,17	1014:6,13	1027:1	decrease 808:3
998:8,17	983:20,22	1015:2,9,11	<b>dealt</b> 802:12	828:18 829:1
999:17	984:12,15,22	1095:20	<b>Dean</b> 772:13	829:5,7
1000:11	988:1,5 990:6	1100:1	775:8	948:11
1001:16	990:10,12,14	1103:4	debt 850:15	991:25 992:7
1004:13	991:23,25	1105:1	<b>decade</b> 848:17	992:18
1009:21	992:5,8,13,19	damages 889:4	848:20	1071:10
1023:18,21	992:22 993:2	<b>Daniel</b> 770:18	December	decreased
1023:24,24	1000:12	774:6	831:14,17	778:1,3
1026:14,21	1019:13,18	<b>Darrel</b> 1093:21	<b>decide</b> 851:21	828:20,22
1027:4,11,23	1019:18,21	1103:24	852:23	985:23,24
1028:5,6,8,11	1021:2,5,7	Darren 880:18	866:20 867:3	decreases
1028:12,14	1023:20	1100:20	869:20 874:4	783:6 835:22
1028:15,16	1026:12	<b>Darrin</b> 1093:23	911:22	decreasing
1029:8	1027:1	1096:14	968:12	973:20,22
1030:7,15,15	1028:17	data 818:18	1023:17	deduction
1032:3,6	1029:4	819:5,11	1076:22	849:23
1034:1,10	1030:4,9,23	895:22,24	decided 851:3	872:23,25
1035:6	1031:2	896:4,5,13,19	866:19 867:1	873:2,4
1038:11,13	1032:13,16	896:21,25	870:24 891:2	deems 902:10
1050:10	1032:19,25	897:4,9,25	891:5 1028:5	deeply 780:10
1075:3	1033:2,6,10	898:1,5,11,17	<b>decides</b> 783:10	<b>defer</b> 838:17
1076:20	1034:16	898:25 899:8	decision 806:2	deferred 843:8
customers	1035:1,7,10	899:15,22	818:9,16	843:15,16,20
777:1 798:16	1035:11,12	900:18	849:15	843:25 844:2
801:25	1035:15	901:13 918:1	850:21 854:9	849:20,24
804:22	1037:5,8	925:22	856:13	850:23
810:23	1038:16,20	973:19	857:12 864:7	851:15
811:19 822:2	1039:1	1108:19,20	864:9,18,23	852:13
825:25 826:6	1052:20,23	1108:22	866:9 868:15	856:18 857:4
826:16,20	1058:8,9	date 830:3	869:3,7,16	857:7 866:2
827:8,12	1059:19	898:12	877:1 891:11	866:14,16
828:17,21	1061:3	936:18,25	891:18,20,23	869:4,10,11
836:5 850:4	1080:25	943:9 1083:5	891:25	869:22
851:18	customer's	1083:7,7,18	911:16,23	872:19 873:6
855:13,16,19	1051:21,23	1083:20	913:18	876:8 925:16
855:20 856:7	customer-rel	<b>David</b> 1093:21	1020:1	925:20,23
861:3 862:14	996:15,24	1103:11	1027:15	926:6,11,12
863:1 867:9	997:24	Davis 862:8	1086:2,3	926:24
868:7,8	<b>cycle</b> 830:3	day 840:10	decisions 783:5	927:17
870:21 875:2	887:25	886:7 916:14	799:2 817:25	928:24
875:3 894:9	1038:15	days 819:4	818:1,3,5,12	929:13
956:13		886:4	819:1 850:20	965:23
	<u> </u>	<u> </u>	<u> </u>	l

966:16,21,22	1073:4	985:11 987:6	determine	1077:22
967:6,10,12	<b>depend</b> 824:1	987:9,15	806:4 817:17	differences
967:15,16	depending	988:22	817:21	907:2,3,4,14
deficiency	926:7 999:3	1000:22	818:22	1044:21
1067:24	depends	1002:19	849:19	1051:10
<b>defined</b> 921:14	818:18 830:4	1020:16,19	941:24 942:3	1059:20
definite 947:7	907:10 942:9	1021:22	943:1 944:23	1077:7
definitely	depict 825:16	1022:19	945:2,3,12	1079:18
819:1 964:12	depreciation	1029:25	946:1 948:17	1080:2
1076:23	849:23	1036:9	967:15	different
1086:12	872:25	1037:7	determined	805:10
definition	depressed	1052:24	852:3 867:21	806:23
846:8 941:10	871:10	1073:16,25	867:22 912:6	807:13 816:9
942:14	<b>Deputy</b> 773:1	1076:7	936:24 937:3	835:10,15,17
definitively	dereg 859:18	1085:3	940:20	844:17
990:5	deregulated	1109:6	942:23	847:20 871:2
<b>deflated</b> 863:11	802:8 855:1,4	designated	943:15 945:5	871:8 874:4
degradation	855:21	1024:11	945:7,14	908:3 914:21
808:8	857:21,22	designed 780:6	967:8,14	923:2 938:10
<b>degree</b> 894:6	858:14,16,19	1035:5	determines	946:23 947:1
922:4,6 971:7	858:22,24	DESIGN/CL	824:13	947:11 949:4
delay 993:15	859:13,18,18	1101:12	detriment	949:6 953:14
<b>delete</b> 973:17	860:20 861:1	design/rate	778:9	988:5,5
973:18,22	861:16,25	977:18	detrimental	989:19,19
delta 1012:4	derivation	desirous 797:8	862:18	996:17
1014:6	1044:5	desperate	developed	999:22
demand	describe 943:1	861:17	855:4	1026:17
1043:12,25	1007:11	<b>despite</b> 860:6	developing	1030:2
1043:12,23	1015:7	867:14	980:19	1035:7
demonstrate	1045:11	detail 800:16	development	1044:19
824:12	described	858:15	884:12	1045:17,19
demonstrated	942:15	926:17	1043:25	1046:21
957:3	describes	1000:24	deviate 778:10	1040:21
demonstrative	1055:13	1056:6	differ 851:2	1054:16,23
796:2 825:6	describing	detailed 989:7	difference	1055:4,23
1094:25	1042:22	990:1	805:21 827:3	1056:23
denial 850:10	description	<b>details</b> 888:7	868:6 910:9	1058:20
<b>denied</b> 850:2	997:8 1014:9	888:21	981:1	1059:4,9
<b>Denton</b> 771:3	1044:4	1022:15	1044:18	1060:11
deny 788:4	deserve 855:20	1028:3	1045:20	1061:19
departing	design 776:1,16	determination	1047:25	1062:11,13
786:14	781:24 811:7	848:20 869:1	1048:2	1062:11,13
922:25	838:18 839:6	891:10	1051:20,21	1063:11,12
department	840:6 841:22	938:13	1052:4,5	1063:11,12
775:19	842:1,5	939:18 941:3	1060:4	differential
883:20	968:15 976:3	determinations	1061:3	990:9,20
899:23	979:5 980:9	939:23	1075:18	1080:16
0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7.7.0 700.7	222.20	10.0.10	1000.10

				. 1
differentiate	1090:19,21	disagree	775:23	991:8
1070:1	1092:20,21	780:16	776:14	distressed
differently	1092:21,22	935:18 952:3	777:15	867:13
1001:21	1092:24	952:7,10	812:22	938:18
difficulties	1093:10,17	953:9,20	845:24	964:17
948:8,8	1093:23,24	954:11 955:3	921:15	distributed
difficulty	1093:25	1074:4	955:24	865:15
954:16	1094:2,4,7,7	disagreed	1042:11,16	distributing
digression	1094:9,11,13	1074:5	1043:6	795:24
938:25	1095:20,22	disagreements	1078:17	district 848:21
diligence 857:5	1095:23	1022:20	1080:1	851:14
869:14 937:3	1096:3,7,9,14	disallow	discusses	852:25
dime 861:23	1096:14,16	857:12	844:24	1032:1,2
dinner 967:23	1096:17,18	disallowed	1042:20	1072:1
dire 863:1	1096:20,22	856:21	discussing	districts 984:23
<b>direct</b> 784:11	1096:23	disassembling	776:2 856:23	1035:25
785:16	1100:6,10,19	938:17,20	964:5	division 858:9
787:12	1101:2,8,10	disclosed	1086:17	858:12
804:10 809:8	1101:18	853:11	discussion	docket 829:18
814:16	1102:3,8	disclosing	931:25	830:24
815:16 878:9	1103:4,5,14	903:10	1022:24	1085:13
878:17	1104:1,3,7,13	disclosure	1079:25	document
904:14 914:6	1104:15,18	943:7	discussions	833:19
914:16,25	1104:22	discontinued	841:10,16	896:11 897:6
915:1,4	1105:2,9,14	783:9	disparities	897:15 898:9
916:18	1105:23	discount 853:2	982:13	898:12,14
917:15	1106:1,5,11	989:1,5	disparity 983:9	899:5,5
919:13,17,18	1106:13,16	991:24	989:25	900:13,24
919:19 920:6	1106:21	discounted	dispatch	901:1 903:18
926:10 931:6	1107:11,23	862:4 987:25	905:12,18,25	925:5 927:9
970:1 972:21	1108:1	988:19	906:12	927:14 941:5
973:6,25	1109:4,6,12	990:11	dispatched	1050:22
974:7 978:7,9	1109:21,24	993:18	905:19	1051:5
979:3,5,7	1110:3,9,12	discretion	disposal 840:14	1066:19
994:1,12,14	1110:14,23	806:3	1048:9	1067:15
994:15 999:8	1111:4	discuss 776:1	disposed	1075:15
1019:4	directed	831:2 839:9	1089:13	documenting
1039:24	1038:24	840:18	dispute 844:7	804:23
1040:8	1041:9	846:16	934:21	documents
1041:3	direction	854:22 856:1	937:19	780:25 805:1
1054:25,25	865:18	856:5,9,13	disputes 844:9	812:24
1055:2	directive 876:4	860:13 863:9	distinct 993:5	879:12 898:4
1068:13	directly 851:20	943:25	1035:6	898:7,16,16
1082:7,17	director 790:7	957:12 967:4	distinction	898:18
1083:2,5,10	878:15	977:9	889:21	899:19
1083:13,18	1096:19	1048:16	945:19	901:18 924:1
1083:23	directs 865:1	discussed	distracted	938:9 942:20
L	<u> </u>	<u> </u>	<u> </u>	I

1040:20	<b>donut</b> 870:9,9	1002:8	906:2,2,4,6	996:9
1052:12	873:22	1034:22	efficiently	1003:10
1066:24	<b>Dority</b> 771:7	1065:25	783:2 797:16	1014:8,12
1092:11	<b>double</b> 809:2	1078:20	effort 860:25	1015:1
<b>DOE</b> 1046:17	840:25 870:5	earned 821:25	861:18	1027:2,12,15
1072:21	875:20 914:3	earnings 808:2	865:11	1028:1,6,24
<b>DOE's</b> 1047:2	932:7	872:24 873:1	1079:11	1035:4,8
dog 923:10	doubt 845:4	easiest 789:22	<b>EFIS</b> 813:1	1052:25
Dogwood	887:9 893:6	easily 796:4	839:16	1055:21
771:19 775:7	905:6,7,9	East 772:14	968:13	1056:8,24
783:22 786:5	1061:20,22	easy 790:4	1089:19	1060:24
816:22	1061:23	1007:11	<b>EIA</b> 886:19	1070:12
860:22	<b>draft</b> 969:14	echo 923:4	eight 988:6,21	1089:8
876:19,21,22	dramatically	economic	either 775:22	electrical
879:20 881:3	965:6	884:12	776:5 793:1	779:17 780:4
882:6 892:8	drawer 953:24	905:12	799:18 812:5	780:6 946:22
892:11 893:3	drawing	907:20	822:22,23	electricity
924:9 971:17	945:18,18	1040:6	823:2,3	778:2 800:8,9
975:4	drilling	economics	834:25	801:6,16
doing 783:25	1070:12	907:22	837:16	822:2 828:19
787:20	drive 874:8,13	economist	839:13 840:5	828:24
800:16,22	994:5	1082:15	865:14	843:10 844:6
807:18 808:6	driven 859:22	economy	880:14	844:22
834:6 838:25	drivers	1038:21	887:14 929:2	845:21 846:5
874:16 877:8	1044:18	<b>Ed</b> 777:19	972:11 974:3	850:25
923:7 924:13	<b>drop</b> 1034:16	Edward	986:15 993:9	947:16 956:4
925:3 996:23	due 793:15	1095:22	1016:7	957:2 981:16
997:24	831:8 857:5	<b>effect</b> 778:4	1049:12	989:12,14,15
1017:19	869:14 937:3	791:21	1081:15,21	989:21
1020:13	dump 855:13	792:15 806:9	1086:10	1034:13
1035:23	855:16	991:24	elaborate 966:2	electronic
1036:21	863:21	1006:24	966:5,11	899:9,13,16
1037:11	dumps 863:3	effectively	elaborated	eliminate
1038:18	duration 933:4	858:25	876:23	875:14
1057:2		1017:20	<b>elect</b> 800:11	981:12
<b>dollar</b> 828:11	E	effectiveness	801:11	988:17
966:20	<b>E</b> 1100:1	780:8 825:3	electric 770:13	989:24 993:9
1075:8	1111:11	effectuate	770:17	993:17
<b>dollars</b> 807:6,8	1112:2,2	1023:11	848:25	1003:24
823:6 824:12	earlier 787:8	efficiencies	850:21	1009:4
824:15 826:5	815:4,20	857:17	856:16	1010:22
827:4 837:15	838:16 841:1	efficiency	858:12 884:2	1012:12
942:6,8,10,12	918:8 920:4	780:7 825:2	984:6 987:25	1013:11,16
1075:18	925:3 933:22	904:15,17,18	988:6,7,23,25	1014:8,11,17
<b>Don</b> 1018:20	936:3 942:15	efficient 798:9	989:16 990:5	1014:19
Donald	956:21	904:4,12,13	991:23	1015:1
1111:11	969:12	904:19,21	993:11,18	1037:4
	l	l	l	l

1044:12	1082:11,13	942:18	931:18,23	1000:10
1050:11	employees	956:22	932:2,4	equally 792:7
1050:11	798:25	971:17	Entergy's	867:15
1056:7,24	1018:2	982:15 984:5	870:4,12	equation
1058:25	EM-2007-0374	984:11 986:5	entering	807:12
1061:2	850:14	986:10	1051:2	equipment
1063:7	encourage	988:16	<b>entire</b> 781:4	988:8 989:5
1075:2,4	798:8 988:11	989:11,11,19	788:5 794:23	equitable 988:3
eliminated	1037:5	993:11 998:9	796:22	988:15
859:21 990:9	1077:20	1005:11,12	858:24	equity 808:3,5
1009:11	encourages	1006:1,3,9,10	entirely 859:21	808:7,8
1076:5,16	988:12	1006:13,19	entirety 946:4	era 989:19
1077:7	endorsed 940:6	1006:21	1047:23	error 969:12
1080:24	941:4	1007:4	entities 852:8	969:14
eliminating	ends 1090:13	1010:24	853:9	1084:2
984:22	<b>energy</b> 771:19	1011:25	entitled 885:20	errors 1076:12
991:24	771:22 772:5	1014:2,11	1003:6	ER-2009-0090
1050:20	772:11,16,20	1040:7	1031:20	849:1 895:23
1052:25	775:7,9,12,20	1057:18,19	entity 872:22	896:4 898:2
1053:13	779:10,12,13	1073:4	940:5	ER-2010-0356
1064:21	783:22,25	Energy's	entries 774:8	803:8 849:1,7
1075:11,19	811:21	851:23	entry 795:25	851:10
1077:1,23	815:15	940:20	environment	ER-2010-356
1097:24	839:19	engaged 822:10	823:8	917:25
elimination	848:10,19,23	841:16	environmental	ER-2012-0174
876:9 993:14	849:11,24	England	889:12	770:13 774:3
1006:17	850:13 852:2	772:14	1016:3,18	973:5 978:24
1013:8,10	852:5 853:10	enlarged	EO-2011-0390	979:2,18
1031:21	854:13 855:6	803:13,15	781:17	1091:9
1055:21	856:22	<b>Enron</b> 857:23	793:17	1109:3,20
1056:15	857:10,19,21	858:23,25	795:14	1110:22
1060:3	857:22 858:5	<b>enter</b> 796:3	820:20	ER-2012-0175
1063:22	858:24	868:24	1108:24	770:16 774:3
1064:3	859:13 860:4	1085:18	EO-2012-0009	900:18
else's 1047:24	863:16 864:4	1089:16	1085:17	973:24 979:6
embarrassing	869:24 870:3	1095:15	1086:2	1083:13
932:16	870:17	<b>entered</b> 808:22	1088:19	1109:11
emphasis	874:11 875:2	1067:15	EO-2012-0324	1110:8
1001:1	875:13,24	1089:18	829:20	1111:2
emphasized	876:13,19,21	1091:1	<b>equal</b> 792:15	ER-2100 850:7
1036:4	877:8 881:3	Entergy 870:8	1021:4	essentially
employed	882:7 883:19	870:10,10	1022:5	778:8 801:3
799:1 809:12	894:8 905:22	873:22,22,23	1033:14	802:10 832:4
809:14	911:25 913:4	875:3,16,16	equalize 993:7	843:22
878:13,14	924:9,14	875:19,20	1000:2,10	907:21 913:1
972:25 994:7	931:14,18	890:24 909:3	1055:17,17	938:5 989:2
994:9	937:2 940:6	912:8 931:13	equalized	1033:25
	I	<u> </u>	I	I

				. 1
1035:2	839:15	1101:1,9,16	1085:1	775:20
established	874:16	1102:1,7	1100:6,8,10	exemplar
788:22	1033:15	evidenced	1100:12,19	814:18
789:20 792:6	1047:24	988:2	1100:24	<b>exempt</b> 884:14
885:3	1060:5	Evidentiary	1101:2,5,8,10	exempted
1067:21	1083:4	770:7	1101:18,19	1027:13
establishes	1092:20	exact 856:23	1101:22	<b>exhibit</b> 776:11
844:14	1098:9	866:18	1102:3,6,8	776:12
846:15	evidence	867:21	example	784:11,12,12
estimate 926:2	780:11,13,19	869:20	790:16	794:7,10,12
939:25 940:1	783:13	870:23	800:11	794:24,25
940:24	797:13 805:3	874:23	802:13	795:20,24
estimated	808:25	886:12 887:1	805:15 806:2	796:2,6
953:15	815:23	922:23	808:4 826:12	802:18 803:4
estimates	816:17 825:6	1022:15	828:4 837:11	803:5,8,11,12
925:22	833:22	exactly 803:20	936:16	803:14,18
940:21,21	842:17	856:12	947:10	804:5 805:2
955:6 965:5	846:15	864:13	956:18,20	808:20,24
et 789:25	847:19,21	865:11	1079:25	811:10 812:3
evaluated	848:8 851:12	867:23,24	examples 825:8	813:5 816:16
800:15 912:2	853:6,8	872:5	Excelsior	825:9,12
evaluation	879:16 881:1	1075:16	846:21	833:17,21
789:1 921:9	893:7 900:13	exaggerate	exception	835:4,20,22
953:17 971:3	900:15	1038:17	869:7	835:25
1029:4	901:11,22	examination	excess 825:18	854:18,19
1036:7	921:23 924:5	784:8 785:16	1047:8,17	879:14,15
1037:19,25	925:5,7 929:3	793:18	excessive 850:4	880:24
1062:2	935:15 943:5	794:23	870:22	895:16 896:3
evaluations	945:1 971:13	795:19 800:4	Exchange	896:6 897:25
1038:19	974:25	808:17 809:8	845:15	898:6,20
evening	978:11,14,16	834:14 878:9	942:19 943:7	900:5,14,16
1002:25	979:13,24	880:11	excluding	900:17
1003:1	981:2 982:2	882:22	792:5 806:21	901:10,12,14
1021:19,20	995:12	909:19 915:1	810:25	901:15,21
1039:13	1005:21	916:18 924:7	811:20 998:3	903:10,11
1045:7,8	1030:1	964:3 967:19	exclusion 866:3	904:8,23
1049:20,21	1041:18	970:1 971:15	<b>excuse</b> 797:21	905:12,25
1069:17	1053:25	972:12,21	863:24 894:1	906:13 916:4
1078:15	1067:13,17	975:25 994:1	914:5 931:22	917:1,14,21
1082:8	1084:14	1001:14	932:18	918:4 919:9
<b>event</b> 785:23	1085:5,7,9	1002:6	1083:14	919:14 920:1
842:4	1088:10	1026:1	<b>excused</b> 775:19	920:4,5,6
eventually	1091:3	1036:12	775:23 980:1	924:3 925:1,6
858:25 859:6	1092:2,15	1039:5,24	excuses 995:5	950:1 957:7,8
859:21	1095:2,17	1077:21	execute 861:14	957:11 970:9
862:12	1097:13	1081:6	executed 861:1	970:11,14,14
everybody	1100:5,9,18	1082:7	executive	970:14,20,20
	I	1	I	l .

970:21 971:9	1107:1,2,4,6	1094:25,25	922:20	1112:2
971:12	1107:9,10,12	1095:6,11	experts 921:22	<b>FAC</b> 778:19
973:25	1107:13,15	1097:3	expert's 922:5	779:3,5,14,16
974:20,24	1107:16,18	1103:1,2	expiration	779:23 781:2
978:6,15,21	1107:19,21	1105:8	861:5	781:8,12,14
978:23 979:3	1107:22,24	1107:8	expired 861:4	790:16 792:6
979:6,6,8,12	1108:1,2,4,6	1109:3,19	explain 795:24	792:12,15,16
979:17,20,23	1108:7,9,10	1110:21	825:16	810:1,16,20
994:14 995:4	1108:12,14	1111:9	841:18 908:6	811:15
995:4,11,12	1108:16,18	exist 979:19	910:9 925:19	814:18 815:3
1040:9	1108:20,21	993:7	930:5 966:18	815:7 817:24
1041:17	1108:23	existing 965:6	1026:10	833:4 834:17
1066:8	1109:1,4,6,8	999:24	1027:20	face 1006:18
1067:16	1109:9,12,14	exists 983:10	1029:22	facilities
1085:8	1109:16,17	expecting	1038:12	846:14 847:5
1089:17,23	1109:21,22	840:3	1084:17	847:15
1089:24	1109:24	expeditious	explained	859:10 867:8
1090:3	1110:1,3,4,6	1091:21	821:1	868:1 890:24
1091:2,10,11	1110:9,10,12	expenditures	1044:12	908:1,11
1091:13,14	1110:14,16	973:20	explaining	910:18
1092:1,4,5,6	1110:17,19	expense 850:3	1064:10	914:21
1092:9,13,18	1110:23,24	850:10,25	explanation	915:11
1093:1	1111:1,3,5,6	851:19	997:10	955:24
1095:16	1111:8,10	852:18,20,24	1043:16	facility 847:22
1097:12	exhibits 784:21	853:3,6,17,18	explicitly	852:20
1103:3,5,7,8	784:23 785:2	853:20 858:2	1047:7	857:15,18
1103:10,12	809:20,20	929:23	<b>explore</b> 852:19	860:24 861:1
1103:14,15	812:1,9 813:8	998:17,19	expressed	887:10,10
1103:17,19	813:18 814:1	1001:16	802:1	888:8 890:11
1103:21,23	814:3 815:22	expenses 835:8	expressly 871:6	909:23 910:8
1104:1,3,5,7	816:14 841:2	873:12	extensions	910:11,13
1104:9,11,13	879:9 895:15	875:20 997:9	885:10	911:9,13
1104:14,16	901:24 903:4	999:3	<b>extent</b> 837:13	912:15 913:1
1104:17,19	918:19	1001:17,21	872:23 921:1	913:4,6
1104:21,23	919:25 920:2	1002:1	921:11 922:9	914:22
1104:25	920:20,25	experience	external 912:3	915:19 921:3
1105:1,3,4,6	922:10 970:6	1027:3	extra 795:23	921:6 940:25
1105:9,10,12	973:6 974:23	1043:21	816:12	946:20
1105:13,15	978:2 979:9	experienced	<b>e-mail</b> 969:7	947:10,12
1105:17,19	995:9	1074:6	E0-2011-0390	953:15
1105:21,23	1082:21	1078:6,7	793:23	956:19
1106:1,3,5,7	1084:6,14	expert 923:5,23		965:13,15
1106:9,11,12	1087:24	1000:21		facing 777:23
1106:14,15	1090:14	1021:21	<b>F</b> 1082:6,10	911:23
1106:17,19	1091:1,23,24	1022:18,21	1102:8	FACs 779:17
1106:20,22	1092:17	1076:7	1110:23,25	779:18
1106:23	1094:16,21	expertise	1111:1,4,5,7	fact 777:25
	I	I	I	I

800:24	868:5,19,25	familiarity	1017:18	968:21,24,25
835:13	869:3,23	906:11	1086:14	969:16 970:5
844:25	871:14 872:1	far 785:3 795:8	feeling 977:5	970:9 973:4
845:20	872:3,7,8,14	800:16 801:5	feels 815:23	973:23 977:3
849:17	874:21 876:4	812:23 816:5	fees 907:24	978:6 980:9
850:10 865:5	876:7 878:3	830:6,21	908:3,9,24	985:14
870:3 922:13	921:11,13,13	838:15 856:3	fell 858:24	987:16
931:12,17,23	936:18,24	905:9 966:6	<b>felt</b> 781:8	994:11
936:20	937:15 938:1	966:25 967:1	942:23	1011:14
973:17,18	940:21,24	969:14	<b>FERC</b> 779:8,12	1021:22
977:2 978:24	941:10,17,24	976:25 983:6	810:5,25	1027:16
1009:16	942:3,7,14	991:15	811:17	1028:2
1022:1	943:9,22	1044:16	815:14 845:6	1038:7
1027:13	944:16,21,24	1079:2	845:9 876:25	1054:17,22
1054:21	945:4,6,11,12	1090:5,14	877:2,6	1055:2
1061:17	945:19 946:2	1095:13	fewest 1091:5	1078:20,23
1062:11	947:21 948:6	<b>faulty</b> 871:7	<b>fifth</b> 856:23	1079:1
1063:1	948:11,17	Featherstone	871:1	1083:3,14,15
1079:1	949:16 964:5	853:13 855:8	<b>fight</b> 923:10	1085:12
1080:13	964:5,16	860:16 862:1	<b>figure</b> 794:4	1086:7,10,15
<b>factor</b> 806:15	990:6 1001:5	916:9,10,17	1023:22	1090:19
806:19 807:2	1022:17,23	916:19 923:6	1027:11	<b>filing</b> 791:12,14
847:10	1048:10	924:19,24	1077:25	829:17
1043:13	<b>fairly</b> 1046:18	925:12	1078:1	839:16 857:2
1044:10	1047:3,16	932:14	<b>figures</b> 827:12	872:2 899:9
factored 845:1	1067:20	933:19 964:4	828:11	899:14
847:7 912:11	<b>fall</b> 859:14	1101:2,6	835:21	925:25 927:1
<b>factors</b> 806:11	875:5 937:7	1107:23	1062:3	939:2 943:8
869:12 873:9	<b>fallout</b> 1019:17	1108:6,8,13	<b>file</b> 770:13,16	967:2 968:14
1044:1,2,3	1019:20	1108:15,17	774:3 811:25	<b>filings</b> 845:15
facts 851:1	1034:21	Featherstone's	942:19	871:25,25
921:21 947:3	1035:1	844:11	984:20	876:6
1038:5,5	familiar 817:13	922:22	1015:16,18	1015:14
1053:25	886:25 888:7	feature 988:20	1015:20,23	<b>final</b> 845:14
<b>failed</b> 822:6,9	888:21	features 780:5	1089:15	852:7 859:22
822:13	893:25 894:4	February	1090:2,18	936:16
918:11	894:17 898:4	859:22	<b>filed</b> 774:4	939:23
fails 871:7,9,11	898:7,14	892:17	781:16,24	1080:23
fair 783:3,15	899:18 904:1	941:21	816:10	finalized
783:17	904:22	Feddersen	838:23 843:2	969:16
808:10 823:6	905:12	770:24	846:10	<b>finally</b> 780:23
846:5,8	909:25	1112:5,17	853:12	852:17
847:25	931:12,23	federal 775:20	878:17,21,23	862:19 865:7
856:17 857:1	950:7,12	775:20	899:8 917:15	866:2 871:13
864:20,24	951:13,14	fee 888:19	936:8,21	922:2
865:14,18	996:8	889:1	939:1 940:3	1091:14
866:1 867:22	1065:20	<b>feel</b> 991:14	941:4 942:18	<b>finance</b> 860:19
	ı	ı	ı	I

884:21 finances         863:10 finances         1031:19,23 look:2,818					
finances         864:16         1034:20         1006:2,8,18         1105:12         foot 86:22         foot 86:21         foot 86:22         foot 86:21         foot 86:21         foot 86:21         foot 86:21         foot 86:22         foot 86:21	884:21	863:10	1031:19.23	FIC-8 1005:22	1103:13
859:14 financial 939:5			, ·	_	
financing         867:4 870:15         1041:14         1008:25         Footnote           financing         874:5,7         1048:17,23         1009:16         1083:6,20,25           884:12         877:16,17,21         1049:12         1010:20         force 788:15,21           882:12         897:15 902:3         1053:3         1012:3         789:19           860:7,9         976:8,19,19         1070:18,19         1056:11         forcegoing           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           872:7 897:13         982:14,25         1077:10         1014:4         1053:21           907:2 923:16         983:3,4,12,18         1081:20         flow 815:3         1082:18           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         formal 1027:16           finding 777:9         933:21         1087:13         flowed 779:14         formal 1027:16           findings 850:10         1046:15         1092:16         815:18         formal 1027:16           findings 779:9         1075:5,9,10         1095:18,20         900:23         formal 1027:16           fine 784:16					
financing         874:5,7         1048:17,23         1009:16         1083:6,20,25           find 851:12         877:16,17,21         1049:12         1010:20         force 788:15,21           862:7 855:10         916:14 976:7         1061:25         FJC-8A         792:15           860:7.9         976:8,19,19         1070:18,19         1056:11         foregoing           869:9 871:12         976:22,23         1070:20         FJC-8B         1112:11           872:7 897:13         982:14,25         1077:10         1014:4         1053:21           997:2 923:16         983:3,4,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 930:18           995:16         993:21         1087:11         817:24         forma 939:2,4           finding 77:9         93:21         1087:8,13         flowed 779:14         forma 939:2,4           findings 850:10         1046:15         1092:16         815:18         flowed 779:14         formal 1027:16           fine 784:16         1057:5,9,10         1095:8,20         90:23         forumal 807:9         807:25           fine 784:16         1057:5,9,10         1095:8,20         90:23         forumal 80:					
884:12         877:16,17,21         1049:12         1010:20         force 788:15,21           find 851:12         895:15 902:3         1053:3         1012:3         789:19           852:7 855:10         916:14 976:7         1061:25         FJC-8A         792:15           860:7,9         976:8,19,19         1070:18,19         1056:11         foregoing           869:9 871:12         978:2,23         1070:20         FJC-8B         1112:11           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           872:7 897:13         982:14,25         1077:10         1014:4         1053:21         foregoing           995:16         993:21         1085:11         float 999:3         1058:12         form 930:18           995:16         993:21         1085:11         817:24         forma 939:2,4         forma 939:2					
find 851:12         895:15 902:3         1053:3         1012:3         789:19           860:7.9         976:81,91,19         1070:18,19         1056:11         foregoing           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           907:2 923:16         983:14,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 939:2,4           95:16         993:21         1085:11         817:24         forma 939:2,4           907:2 923:16         993:21         1085:11         817:24         forma 939:2,4           95:16         993:21         1087:8,13         flowed 779:14         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         forma 939:2,4            findings 850:10         1046:15         1092:16         flowed 779:14         forma 1027:16           870:15         1049:24         1093:3,6         flowes 926:12         808:12 80:2           990:24         1051:5,5         1095:18,20         900:23         808:12 80:2           796:15 817:4         1066:2		· · · · · · · · · · · · · · · · · · ·	, ·		, ,
852:7 855:10         916:14 976:7 976:8,19,19         1070:18,19 1070:18,19         FJC-8A 1056:11 foregoing 1070:20         792:15 foregoing 1112:11           860:9 871:12 978:2,4 978:2,4 872:7 897:13 982:14,25 1077:10 1014:4 1053:21         1005:22 form 930:18         1005:22 form 930:18           872:7 897:13 982:14,25 994:5,8 995:16 993:21 1088:11 1085:11 1085:11 1056:11 1005:20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:9,20 1086:11         flow 815:3 1082:18 formal 939:2,4 formal 939:2,4 formal 939:2,4 formal 939:2,4 formal 939:2,4 formal 939:2,4 formal 939:2,2 finding 777:9 1037:19 1095:18,13 flowed 779:14 formal 939:22,5 1043:14 1099:16 815:18 807:25 finding 850:10 1046:15 1092:16 815:18 807:25 group 1049:24 1093:3,6 flows 926:12 808:12 820:2 990:24 fine 784:16 1057:5,9,10 1095:18,20 focus 851:23 1084:2 focus 851:23 focus 864:10 focus 851:23					
860:7,9         976:81,919         1070:18,19         1056:11         foregoing           869:9 871:12         978:2,4         1070:20         FJC-8B         1112:11           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           872:7 897:13         982:14,25         1077:10         1014:4         1053:21           907:2 923:16         983:3,4,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         flow 815:3         1082:18           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         flowd 779:14         formal 1027:16           finding 777:9         1037:19         1087:8,13         flowd 779:14         formal 939:2,4           findings 850:10         1046:15         1092:16         815:18         flows 926:12         807:25           fine 784:16         1057:5,9,10         1095:18,20         990:23         formulation           795:15 817:4         1066:21         1097:8,16         focus 851:23         824:14           1049:23         1071:4					
864:24 866:1         976:22,23         1070:20         FJC-8B         1112:11           869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           872:7 897:13         982:14,25         1077:10         1014:4         1053:21           907:9 293:16         983:3,4,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         forma 939:2,4           finding 777:9         1037:19         1087:8,13         flowed 779:14         formal 1027:16           findings 850:10         1046:15         1092:16         815:18         807:25           finding 784:16         1057:5,9,10         1095:3,7,10         focus 851:23         808:12 820:2           990:24         1057:5,9,10         1095:18,20         990:23         1084:2           fine 784:16         1057:5,9,10         1097:8,16         focus 851:23         824:14           839:11,11         1066:21         1097:8,16         focus ing         formulation           878:2 976:24         1058:14         1101:13,18         1046:15         forth 780:25           1049:23				_	
869:9 871:12         978:2,4         1075:6         1005:22         form 930:18           872:7 897:13         982:14,25         1077:10         1014:4         1053:21           907:2 923:16         983:3,4,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         flow 815:3         flowed 779:14           finding 777:9         1037:19         1087:8,13         flowed 779:14         forma 939:2,4           findings 850:10         1046:15         1092:16         flows 926:12         forma 859:11           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:18,20         990:23         focus 851:23         824:14           fine 784:16         1057:5,9,10         1095:18,20         990:23         formulation           878:2 976:24         1068:14         1101:13,18         1046:15         822:21         864:10           878:2 976:24         108:14         1101:19,22         follow 842:5         812:9,10           1093:3         1092:17         861:12,20         follow 842:5 <td>· · · · · · · · · · · · · · · · · · ·</td> <td>, ,</td> <td>, ·</td> <td></td> <td></td>	· · · · · · · · · · · · · · · · · · ·	, ,	, ·		
872:7 897:13         982:14,25         1077:10         1014:4         1053:21           907:2 923:16         983:3,4,12,18         1079:14         float 999:3         1058:12           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         formal 1027:16           finding 777:9         1037:19         1087:8,13         flowed 779:14         781:13 815:6           findings 850:10         1046:15         1092:16         815:18         807:25           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           fine 784:16         1057:5,9,10         1095:18,20         990:23         1084:2           796:15 817:4         1066:21         1097:8,16         focusing         formulation           878:2 976:24         1068:14         1101:13,18         1046:15         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1086:17,13         1090:16         five 849:6         1000:5         followed 844:2         812:9,10 <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>_</td> <td></td>		· · · · · · · · · · · · · · · · · · ·		_	
907:2 923:16         983:3,4,12,18         1079:14         float 999:3         1058:12         1082:18           995:16         993:21         1085:11         817:24         forma 939:2,4         forma 939:2,4           finding 777:9         1037:19         1087:8,13         flowed 779:14         forma 939:2,4           findings 850:10         1046:15         1092:16         815:18         807:25           finding 870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           790:24         1057:5,9,10         1095:18,20         990:23         1084:2           796:15 817:4         1066:21         1097:8,16         focus 81:23         824:14           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         1112:9           finish 968:3,10         fischer 771:6,7         932:22,24         1038:24         783:11 806:5		· · · · · · · · · · · · · · · · · · ·			
942:11 967:5         984:5,8         1081:20         flow 815:3         1082:18           995:16         993:21         1085:11         817:24         forma 939:2,4           1056:11         1005:20         1086:9,20         929:14         forma 939:2,4           finding 777:9         1037:19         1087:8,13         flowed 779:14         formula 807:9           832:25         1043:14         1090:6         815:18         807:25           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:18,20         990:23         824:14           fine 784:16         1057:5,9,10         1097:8,16         focus 851:23         824:14           796:15 817:4         1066:21         1097:8,16         focus 851:23         824:14           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         864:10           1088:17         774:13         1092:17         861:12,20         followed 844:5         812:9,10           fined 910:5         840:1,8,		· · · · · · · · · · · · · · · · · · ·			
995:16         993:21         1085:11         817:24         forma 939:2,4           finding 777:9         1037:19         1087:8,13         flowed 779:14         formal 1027:16           findings 850:10         1046:15         1092:16         815:18         807:25           870:15         1049:24         1093:3,6         flows 926:12         8087:25           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           796:15 817:4         1066:21         1097:8,16         focusing         6orthalion           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         followed 844:2           finished         774:13         953:14         1096:25         following         783:18 80:5           fired 910:5         840:1,8,13         five-year 849:5         following         822:5,9,13           firerst 784:4					
1056:11         1005:20         1086:9,20         929:14         formal 1027:16           finding 777:9         1037:19         1087:8,13         flowed 779:14         formed 859:11           832:25         1043:14         1090:6         815:13 815:6         formula 807:9           findings 850:10         1046:15         1092:16         815:18         807:25           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           fine 784:16         1057:5,9,10         1095:18,20         990:23         1084:2           796:15 817:4         1066:21         1097:8,16         focusing         664:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           8105:4:8         1083:2         1102:5         846:12         814:25         812:9,10           1093:3         1092:17         861:12,20         followed 844:2         60llowed 844:2         60llowed 844:2           finished         774:13         953:14         1096:25         followed 84:2         783:11 806:5           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:		· · · · · · · · · · · · · · · · · · ·			
finding 777:9         1037:19         1087:8,13         flowed 779:14         formed 859:11           832:25         1043:14         1090:6         781:13 815:6         6           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           fine 784:16         1057:5,9,10         1097:8,16         focusing         822:21         864:10           796:15 817:4         1066:21         1097:8,16         focusing         864:10         864:10           839:11,11         1067:1,21         1098:4         822:21         864:10         864:10           878:2 976:24         1068:14         1101:19,22         follow 842:5         812:9,10           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         forward           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12					,
832:25         1043:14         1090:6         781:13 815:6         formula 807:9           870:15         1040:24         1093:3.6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:18,20         990:23         1084:2         824:14           fine 784:16         1057:5,9,10         1095:18,20         990:23         1084:2         824:14           796:15 817:4         1066:21         1097:8,16         focusing         formulation         864:10         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25         864:10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1054:8         1083:2         1102:5         846:12         814:23 848:1           1093:3         1092:17         861:12,20         followe 844:2         forward         783:14         1096:25         followed 844:2         forward         783:14         1096:25         following         found 801:2         83:11 806:5         1090:9           fined         774:13         953:14         1096:25         following         found 801:2         83:125         822:5,9,13         83:125         849:14 850:6         849:12 <t< td=""><td></td><td></td><td></td><td>/ _ / / - /</td><td></td></t<>				/ _ / / - /	
findings 850:10         1046:15         1092:16         815:18         807:25           870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           796:15 817:4         1066:21         1097:8,16         focusing         formulation           839:11,11         1067:1,21         1098:4         822:21         forth 780:25           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         forth 780:25           1081:1,13         1090:16         five 849:6         1000:5         1112:9           1093:3         1092:17         861:12,20         followed 844:2         forward           finish 968:3,10         fischer 771:6,7         932:22,24         1038:24         783:11 806:5           fined 910:5         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         985:20,24         822:5,9,13           fired 910:5         896:21 897:2         fix 983:8         985:20,24         898:125	_		· /		
870:15         1049:24         1093:3,6         flows 926:12         808:12 820:2           990:24         1051:5,5         1095:3,7,10         focus 851:23         824:14           796:15 817:4         1066:21         1097:8,16         focusing         formulation           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         844:23         848:1           1081:1,13         1090:16         five 849:6         1000:5         1112:9         forward           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         following         found 801:2           Finnegan 772:1         814:25 839:3         five-year 849:5         923:6 953:12         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         985:20,24         849:14 850:6           firest 784:4         976:18         1033:20,22         878:8 883:15					
990:24         1051:5,5         1095:3,7,10         focus 851:23         822:14           fine 784:16         1057:5,9,10         1095:18,20         990:23         1084:2           796:15 817:4         1066:21         1097:8,16         focusing         6cusing         formulation           839:11,11         1067:1,21         1098:4         822:21         864:10         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10         forth 780:25           1054:8         1083:2         1102:5         846:12         814:23 848:1         forward           1093:3         1090:16         five 849:6         1000:5         followed 844:2         forward           finished         774:13         953:14         1096:25         followed 844:2         783:11 806:5           fired 910:5         814:25 839:3         968:25         following         found 801:2           firm 909:2         896:21 897:2         896:25         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           first 784:4         976:18         1033:20,22         878:8 883:15         921:14 <tr< td=""><td>_</td><td></td><td></td><td></td><td></td></tr<>	_				
fine 784:16         1057:5,9,10         1095:18,20         990:23         1084:2           796:15 817:4         1066:21         1097:8,16         focusing         864:10           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         1112:9           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         following         found 801:2           Fine 910:5         814:25 839:3         967:25         following         found 801:2           fired 910:5         896:21 897:2         fixeyear 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fixed 807:7         follows 785:15         857:7 867:24           first 784:4         976:18         1033:20,22         878:8 883:15         921:14			· · · · · · · · · · · · · · · · · · ·		
796:15 817:4         1066:21         1097:8,16         focusing         formulation           839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1093:3         1092:17         861:12,20         followed 844:2         forward           finished         774:13         953:14         1096:25         1090:9           finegan 772:1         814:25 839:3         967:25         following         found 801:2           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           953:422 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20<		,	, ,		- '
839:11,11         1067:1,21         1098:4         822:21         864:10           878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         1112:9           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           form 909:2         896:21 897:2         fix 983:8         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2		, ,	,		
878:2 976:24         1068:14         1101:13,18         1046:15         forth 780:25           1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1093:3         1092:17         861:12,20         followed 844:2         forward           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           fored 910:5         840:1,8,13         five-year 849:5         90:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         965:20,24         849:14 850:6           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2			· /		
1049:23         1071:4         1101:19,22         follow 842:5         812:9,10           1054:8         1083:2         1102:5         846:12         814:23 848:1           1091:1,13         1090:16         five 849:6         1000:5         1112:9           followed 844:2         followed 844:2         followed 844:2         forward           finish 968:3,10         fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           fined 910:5         814:25 839:3         968:25         following         found 801:2           fired 910:5         896:21 897:2         fix 983:8         923:6 953:12         822:5,9,13           fired 90:5         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           954:22 955:3         968:2 969:10         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7				- '	
1054:8         1083:2         1102:5         846:12         814:23 848:1           1081:1,13         1090:16         five 849:6         1000:5         1112:9           finish 968:3,10         fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           1086:17         793:18         967:25         following         found 801:2           Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:			, ·		
1081:1,13         1090:16         five 849:6         1000:5         1112:9           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           1086:17         793:18         967:25         following         found 801:2           Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         995:3,15         FJC-1 1006:12         1002:23         896:10,11 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
1093:3         1092:17         861:12,20         followed 844:2         forward           finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         953:14         1096:25         1090:9           following         found 801:2           Finnegan 772:1         814:25 839:3         968:25         following         found 801:2           Fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13 <td></td> <td></td> <td></td> <td></td> <td></td>					
finish 968:3,10         Fischer 771:6,7         932:22,24         1038:24         783:11 806:5           finished         774:13         967:25         following         found 801:2           Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6					
finished         774:13         953:14         1096:25         1090:9           Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18			,		
1086:17         793:18         967:25         following         found 801:2           Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18	· · · · · · · · · · · · · · · · · · ·	,	′		
Finnegan 772:1         814:25 839:3         968:25         790:22 848:9         822:5,9,13           fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         FOIT 1006:14         Foltz 1093:14         922:12					
fired 910:5         840:1,8,13         five-year 849:5         923:6 953:12         831:25           firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12				$\cup$	
firm 909:2         896:21 897:2         fix 983:8         985:20,24         849:14 850:6           954:22 955:3         968:2 969:10         fixed 807:7         60llows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           6 first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12					
954:22 955:3         968:2 969:10         fixed 807:7         follows 785:15         857:7 867:24           1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           849:18 856:1         1001:13,14         1006:12         1002:23         896:10,11           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12		, ,	•		
1112:6         969:18         964:23         809:7 839:16         873:8 876:7           first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12				,	
first 784:4         976:18         1033:20,22         878:8 883:15         921:14           790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           841:20         983:19         FJC 1060:19         972:20         1072:4           842:19 843:7         993:22 994:1         FJC-B 1083:15         993:25         foundation           843:15         995:3,15         FJC-1 1006:12         1002:23         896:10,11           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12					
790:25 791:3         977:16 980:4         1033:25         916:17         928:24 929:2           810:9 838:19         980:5 982:9         fixes 991:17         969:25         969:12           842:19 843:7         993:22 994:1         FJC 1060:19         972:20         1072:4           843:15         995:3,15         FJC-B 1083:15         993:25         foundation           849:18 856:1         1001:13,14         1006:13         1039:23         897:3 900:22           857:13         1002:3,17         FJC-2 1060:15         1082:6         903:13,15,18           859:23         1025:1         1061:14         Foltz 1093:14         922:12					
810:9 838:19       980:5 982:9       fixes 991:17       969:25       969:12         841:20       983:19       FJC 1060:19       972:20       1072:4         842:19 843:7       993:22 994:1       FJC-B 1083:15       993:25       foundation         843:15       995:3,15       FJC-1 1006:12       1002:23       896:10,11         849:18 856:1       1001:13,14       1006:13       1039:23       897:3 900:22         857:13       1002:3,17       FJC-2 1060:15       1082:6       903:13,15,18         859:23       1025:1       1061:14       Foltz 1093:14       922:12			· ·		
841:20       983:19       FJC 1060:19       972:20       1072:4         842:19 843:7       993:22 994:1       FJC-B 1083:15       993:25       foundation         843:15       995:3,15       FJC-1 1006:12       1002:23       896:10,11         849:18 856:1       1001:13,14       1006:13       1039:23       897:3 900:22         857:13       1002:3,17       FJC-2 1060:15       1082:6       903:13,15,18         859:23       1025:1       1061:14       Foltz 1093:14       922:12					
842:19 843:7       993:22 994:1       FJC-B 1083:15       993:25       foundation         843:15       995:3,15       FJC-1 1006:12       1002:23       896:10,11         849:18 856:1       1001:13,14       1006:13       1039:23       897:3 900:22         857:13       1002:3,17       FJC-2 1060:15       1082:6       903:13,15,18         859:23       1025:1       1061:14       Foltz 1093:14       922:12					
843:15       995:3,15       FJC-1 1006:12       1002:23       896:10,11         849:18 856:1       1001:13,14       1006:13       1039:23       897:3 900:22         857:13       1002:3,17       FJC-2 1060:15       1082:6       903:13,15,18         859:23       1025:1       1061:14       Foltz 1093:14       922:12			_		
849:18 856:1       1001:13,14       1006:13       1039:23       897:3 900:22         857:13       1002:3,17       FJC-2 1060:15       1082:6       903:13,15,18         859:23       1025:1       1061:14       Foltz 1093:14       922:12			_		
857:13 1002:3,17 <b>FJC-2</b> 1060:15 1082:6 903:13,15,18 859:23 1025:1 1061:14 <b>Foltz</b> 1093:14 922:12		· · · · · · · · · · · · · · · · · · ·			
859:23 1025:1 1061:14 <b>Foltz</b> 1093:14 922:12					
			_		, ,
802:25   1020:1   1085:25   1090:5   923:23:24	862:23	1026:1	1083:25	1096:5	923:23,24
				l	<b>l</b>

971:6 1033:9	1046:12	949:7 1100:2	954:22 955:3	1059:7
four 788:1	1075:13	1107:7	955:9,18,23	1060:5
831:22	frozen 983:22	full 788:12,17	965:13	1068:4,18
857:15 859:5	1020:23	832:10 852:5	989:13	1076:6
859:7 890:4	1024:9,11	935:20	993:10	1078:22
890:20 910:4	1026:23	966:20	1034:2	generally
932:24	1028:21	967:10	1037:5	828:12
953:14	fuel 776:6,17	1112:11	gas-fired	830:16 837:4
967:22	776:23	fully 852:12	857:16	844:1 845:17
977:19 979:9	777:10,17	865:15	894:20	887:12
988:21	778:19	<b>further</b> 780:19	gate 983:17	941:13
1064:7	779:25 780:3	785:20	general 770:13	991:13
1074:8	780:8 781:13	797:13	770:16 774:4	997:13
1078:5	782:20,22	845:19	789:11,14	1042:20
fourth 856:11	783:2,4,9,11	852:11 853:1	848:25	generate 894:8
865:21	787:15	895:3 909:7	850:21	generated
four-month	788:11,20,24	915:22 925:2	904:23	852:14
890:1	789:2,4,11	932:8 967:17	982:22 983:7	868:18
frame 790:23	790:10	1001:6	983:13,15,25	generating
930:22 937:4	792:18,22	1018:4	984:6,6,21	781:15 852:1
frankly 844:2	793:3 796:20	1021:11	985:22,23	852:20
1020:17	797:1,9,16	1024:18	986:4 988:8	857:15 867:8
1035:4	798:7,17,22	1038:5,17,22	989:6 990:12	891:23 910:5
free 814:9	798:24 799:1	1039:1	990:14 992:5	940:25
873:14,21	800:10,10	1048:3	992:8,14,21	946:23 964:9
874:11,14	801:23	1066:2	996:14,23	generation
1044:12	802:11	1069:8	997:15,23	811:2 860:15
1061:7	805:11,12,13	<b>future</b> 830:3	999:18	860:17
freeze 988:17	805:16,17		1000:12	883:22 884:7
993:10,17	815:18	G	1004:20	885:4 886:18
1023:12,22	816:19	<b>G</b> 1010:25	1009:9,11	887:2,15,22
1024:3,6	817:14,19,24	1108:17	1010:12	888:4 891:3
1026:5	819:2 820:10	<b>gap</b> 991:11	1014:15,23	893:13 894:4
1055:21,25	822:14 823:1	Gardner	1014:24	894:17,20
1056:8	824:25 825:3	894:23	1015:2,12	904:6 907:15
freezing 1023:2	825:17	<b>Garrett</b> 771:16	1021:6	1047:13
1023:17,18	826:10,14	gas 772:11,16	1024:6,7,7	generous
1023:24	827:1,5	775:9 778:1	1027:7,8	794:12,15
1027:5,9,17	828:21 829:7	781:14	1035:7,11	850:1
Friday 1069:23	830:22 831:6	783:25 821:5	1047:22,24	George
1070:14	831:8 833:12	821:25 829:1	1048:1	1093:25
<b>friend</b> 874:3	834:25 835:5	829:6 844:5	1051:15,21	1096:16
front 893:4	835:7,16,22	844:16 847:6	1052:3,3,21	1104:3,5
940:8 951:22	835:23 838:9	858:11 877:8	1052:23	1106:1,3
970:25	851:20 904:5	910:4 924:14	1056:16,19	getting 849:4
1001:1	948:5,13,14	948:6,24	1057:6	875:1,13,24
1015:15	948:15,19	949:1,2,20	1058:8,9,20	877:20
		1	<u> </u>	

			_	
895:15 903:1	<b>GMO</b> 775:4	853:16	992:19,21	852:4,24
937:13 950:4	776:3,11	854:25,25	994:13,15,15	854:22
969:16	777:17 778:9	855:14,19,24	995:4,11	869:18 871:6
1055:23,24	778:20	858:4,6	1015:15	871:13
1055:25	779:20,21	863:21	1016:5,6,7	872:21
give 789:22	780:18,24	865:20	1020:14	873:14 885:2
805:21	781:6,7,9	866:22,25	1023:5,6	890:9 894:4
812:17 813:2	782:21 790:5	869:6,15	1024:10	901:13
886:24	790:8 792:12	870:7,11	1034:3,5	934:22
921:22	792:16,19	871:4 873:11	1035:23	953:16
941:20	793:20 797:3	873:19,21	1050:3	981:21
977:16	798:7,17,21	874:12,17	1064:1	990:10
998:13	800:6,8 801:6	875:12,17,25	1071:5	1012:21
1005:19	803:7,8,10,11	876:2 878:24	1075:12	1100:5,18
1019:13	803:18 804:5	879:14	1078:7,13	1105:8
1085:23	805:2 810:2	880:24	1085:12	GMO/KCP&L
<b>given</b> 786:10	810:17,21	883:19	1086:5	914:22
795:22 845:8	811:17	884:16,20	1090:21	<b>go</b> 774:22
857:16	817:18	885:16 888:4	1095:10,18	776:7,8,8
864:23	818:15	888:9,15	1095:21,22	778:7 785:8
865:22,22	819:25	889:8,15	1095:23,24	786:9 792:19
866:19	820:10	890:22 891:2	1095:25,25	796:12 810:4
869:25	821:25 822:6	893:13 894:7	1096:1,2,3,4	810:9,10
887:10 922:3	822:10,14,17	895:23 896:5	1096:4,5,6,7	812:16
930:4 938:3	822:23 823:9	898:1,5,24	1096:8,8,9,10	813:16 816:6
976:12 977:2	823:12	899:14	1096:10,11	823:21 824:4
1011:16	824:12 825:9	900:17 910:4	1096:12,13	826:4 827:3
1014:5	825:12	910:8,10,10	1096:14,15	827:11 832:6
1040:9	826:10,22,25	910:20 911:4	1096:16,16	833:14
1052:13	827:13	911:22 913:1	1096:17,18	835:19 839:1
1054:21	828:17	913:17,18	1096:19,20	840:8,20
1058:6	829:25	914:3 915:12	1096:21,21	841:4 846:22
1061:17	830:17 831:6	927:1 931:12	1096:22,22	854:1 855:25
1063:1	832:1,4 833:1	931:17,22	1096:23,24	877:23
1074:15	833:21	933:14 936:9	1096:24,24	902:15 906:1
1078:13	836:19,24	946:16	1097:1,12	909:20 925:1
1112:14	837:3,6,12,13	951:24 952:4	<b>GMO's</b> 777:10	925:2 928:14
<b>gives</b> 865:2	842:3,11,12	952:8,12	779:3,14,15	932:6 933:2
953:14	842:12 843:3	953:1,7,16,22	779:23	933:16
1042:18	844:7,7,23	954:13,24	781:12,15	937:14
1058:6	845:20 847:6	956:4 972:3	810:1,15,20	938:24 946:8
<b>giving</b> 867:2	848:10,24,25	973:24 975:8	811:1,15,21	951:2 956:23
870:13	849:8,11,17	984:10,13,20	823:20	957:17
928:19	849:23 850:2	985:1 986:3	824:10 835:7	970:25
957:13	850:4,14,19	986:19	836:15,17	971:20 976:8
1000:2	851:19,25	987:15 988:4	849:14 851:5	977:1 978:3
1068:4	852:2,19	988:18 989:1	851:18,23,25	980:2 992:8
	<u> </u>		l	I

992:25	856:1 860:19	1061:25	1049:24	855:6,9,11,14
1002:9	871:22	1062:19	1069:17,18	855:20 857:1
1003:15	872:16	1063:17	1080:18	857:6 860:1
1005:9	875:10 877:2	1088:8	1082:8	860:11
1010:16	877:2 888:16	<b>Goins</b> 980:1	1098:2	862:23 863:3
1020:1	895:20	<b>golden</b> 861:24	goods 865:9	863:6,10,11
1026:2	900:12 901:8	862:2	Goose 846:14	863:15,20,23
1029:6	902:25 903:4	<b>golf</b> 1010:25	852:9,10	863:25 864:2
1031:9,12,13	906:22	<b>good</b> 787:4,5	853:15 859:6	867:7 868:3
1036:11	920:12	792:18	867:5,17,23	869:13
1039:10	923:25	796:17,18	867:25 868:2	870:13
1048:21	928:18 929:1	799:10,12,22	868:4,8,12	871:11,24,25
1049:14,16	937:2 938:4	799:23	871:18	872:11,14,18
1051:5	938:12	812:21	874:23,24	873:5 876:5
1057:15	939:19	819:18,19	930:4 943:18	935:3,11
1058:9	941:23	822:23	949:14,17	936:9,24
1067:19	942:11	823:10,20,23	967:8	937:2 939:1
1068:14	947:15	823:23	gotten 791:22	939:25 940:3
1069:2	949:24 950:1	824:13 834:5	864:16	940:6,20
1070:22	950:7 966:9	834:7 836:25	<b>GPE</b> 867:11,15	941:7 942:18
1076:24	967:25 976:9	838:10 841:1	graciously	943:6
1079:3	976:18 977:1	841:14	1002:9	greater 770:15
1081:12,23	977:6 979:1	842:22	grade 862:13	771:14 774:5
1086:16	983:21	846:18	gradual 965:3	774:11
1088:11	984:23	854:21	gradually	776:22
1089:16	1003:2	867:16	1075:4	779:24
1090:9,16	1004:3,14	876:20	graduated	802:15 848:9
1092:19	1005:16,19	878:10	933:3	907:23,25
1097:15	1005:20	883:17,18	grand 837:13	908:8,10,11
1098:3,12	1008:12,25	902:22 916:1	grant 1076:2	908:20,23
goes 792:23	1010:9	916:8,10	granted 775:23	909:3 965:25
802:16	1011:21,22	924:19,20	985:19,25	989:20
821:16	1012:3,19	925:1,12,13	1030:22	1009:21
873:22,23,23	1013:22	928:11	1032:11	1020:7
907:11	1014:4	933:19,20	granting	greatly 782:24
991:15	1016:8	941:14	775:18	Greek/Goose
997:14	1020:18	956:24	graph 858:8	930:12
1029:2	1023:23	988:15	grapple 843:18	Green 894:13
1044:5	1026:19,23	1002:21,25	grasp 1037:20	Greg 972:15,20
going 776:15	1030:6	1003:1	Gray 915:15	972:24
781:4 803:2,6	1032:22	1018:16,17	great 800:15	1101:10
804:25 806:4	1048:14,19	1021:19,20	845:16,22	1109:21,23
815:21,22	1050:7,22	1033:21	848:10,23	1110:9,11
823:9,10,17	1053:3,20	1035:16	849:24	ground 829:14
823:24	1056:3	1039:13	850:13	829:22
828:10 840:9	1058:4,11	1045:7,8	851:23 852:2	830:17
844:13 847:8	1060:17	1049:20,21	852:5 853:10	<b>grounds</b> 862:9
		<u> </u>	<u> </u>	<u>                                     </u>

885:17,19	1042:24	<b>Harper</b> 910:24	957:10,12	1108:23
groups 866:22	1060:5	930:14	1091:10,12	1111:12
grow 875:15	happened	hate 799:3	1091:13,15	heat 887:24
guess 787:23	791:12,14	1092:25	1092:21,22	904:1,11,16
813:22 824:7	805:9,22,23	Hatfield	1092:23,24	904:22 905:1
914:15 919:4	806:15 807:1	771:10	1093:7	905:4 981:16
922:11 923:9	807:7,13	774:13	1094:10	983:7,14,17
925:24	897:5 941:22	842:22,24	1096:3,4,6	988:25,25
943:19	1027:20	853:14 874:1	head 977:25	989:12,16,21
1058:5	happening	877:17,22	<b>Healing</b> 921:25	1004:20
guidance	1026:25	878:3,9 879:7	hear 844:13	1009:4,24
864:25	happens 863:2	879:17	851:1 856:14	1010:4,12
<b>GUNN</b> 770:20	999:21	880:17,22	857:1 878:3	1012:1,8
<b>Guzon</b> 922:7	happily	881:25 883:4	896:1 923:11	1020:22
	1074:23	892:20 896:9	<b>heard</b> 785:2	1027:2,12,15
H	<b>happy</b> 867:1	896:14	793:13	1035:4,8
<b>H</b> 1103:20,22	869:15	900:19,22	804:18 844:4	1050:20
1105:19,21	923:17	901:16	844:12	1061:2,7
Habelitz 921:8	977:16	903:12,16,23	914:10 935:2	1064:3
Hadaway	1002:12	909:16,19	976:13	1068:7
1096:7	1038:4,6	914:7,12,19	1095:13	1084:1
Hadaway's	1049:13	915:8,9,22	1097:23	heating 981:12
1093:14	1080:18	920:24 923:8	hearing 770:7	981:22
half 790:24	1090:6	923:11,20,21	774:1 785:7	982:11,16
791:2 848:20	hard 795:5	927:23 928:2	787:6 788:12	983:10
942:6,7,10,12	981:25	928:16 929:1	788:17	984:12,14
hand 875:2	1053:16	929:7 933:15	795:17	988:1,8,23
947:4 969:23	Hardesty	933:18	820:19	990:6 991:23
1039:19	843:21	949:24 950:4	833:18	992:19 993:2
1050:22	877:18,19	950:6,17,19	839:20,22	993:11,18
<b>handed</b> 825:11	878:8,12,13	951:9,11	841:4 854:2	1003:25
982:20 997:4	878:17,20	954:2,7,14,20	879:11	1009:10
1051:3	1100:19	957:6,10,16	920:22 925:4	1013:5,11,16
1052:12	1103:14,16	966:8 970:22	969:21	1014:8,12
1056:10	1103:18	971:1 972:4	971:10	1015:1,2,9
1060:14	1105:14,16	975:19	974:22	1019:13,23
<b>handing</b> 900:1	1105:18	1100:15,19	977:25	1021:3
927:9	Hardesty's	1100:24	978:12 981:9	1022:25
handle 793:25	1093:17	1101:4,6	995:8 1028:4	1027:5,15
812:19	1096:9	haul 846:24	1041:13	1028:1,6,24
899:24	harm 809:2	haunt 862:20	1067:14	1033:18
hand-me-down	1019:18	Hawthorn	1087:10	1034:16
855:21 934:7	Harold	894:23	1090:25	1035:5,10,14
934:9	1094:11	<b>HC</b> 828:8,10	1092:10	1037:24
happen 837:2	1096:21	879:8 902:7	1097:20	1050:12,20
911:4	1104:22	903:4 951:2,2	1098:11,12	1051:15,22
1016:14	1106:16	951:5,9,17	1098:13	1052:4,20,20
	<u> </u>	<u> </u>	<u> </u>	ı

1052:25	1096:13	Hills 859:24	1045:5	1015:14
1055:21	1104:2	<b>hinted</b> 847:17	1067:12	1017:2
1056:8,15,24	1105:23	historic 856:5	1084:13	identical
1058:25	Herdegen's	historical	1090:15,18	856:15 859:9
1059:8	1093:23	860:14	1094:24	865:23 866:6
1060:4,25	1097:1	historically	hope 899:2	867:5 874:7
1063:7,22	Hernandez	832:9 861:18	981:6	1022:12
1071:14,21	1085:16,20	885:23	1017:21,25	1079:3
1075:11,19	1085:20,25	history 803:4	1018:3	identification
1077:1,8	1086:16,22	holder 884:20	1037:3	776:12
heating/water	1088:21	hole 870:10	1088:17	795:21
984:14	1089:6,8,14	home 989:12	hopeful	803:19
heat's 983:3	1089:20	989:16	1097:25	825:10
HECKER	1090:2	1027:11	hour 776:4,8,9	854:20
771:11	herring 874:18	homes 981:16	904:5,6	879:16
<b>hedge</b> 821:4	hesitate 964:19	989:4,21	905:23	895:17 896:3
<b>hedging</b> 781:13	966:5	honest 1004:7	907:25	897:25 916:5
781:14 821:3	high 823:24	<b>Honor</b> 775:2	982:25 983:4	917:1,13,21
821:7,20	1003:10	782:9,13,17	983:18	918:19 919:9
822:7	1007:5	786:8,22	1034:6,7	919:13
Heidtbrink	1010:6	787:2 793:12	hours 874:9	1066:9
1093:19	1013:5	814:12	886:7,11	1082:22
1095:21	higher 822:1	816:18 817:5	982:24,25	identified
1103:20,22	860:25	817:7 854:17	983:1,5,6,11	788:7 904:23
1105:20,22	904:11	876:14 880:6	983:12,16	906:12
Heidtrink	905:19 912:9	881:14 882:4	985:13	919:24 920:3
1096:11	990:10,12	883:5,5,8	1075:21	920:7 938:16
<b>Heinz</b> 771:16	1019:23	893:19 895:9	house 846:22	943:9 966:20
<b>held</b> 869:4	1021:9	896:17	847:1,8,9,10	1077:23
893:8 957:20	1057:6,14	901:16 921:4	874:6 941:23	identifies
<b>help</b> 976:6	1071:22	921:24 922:9	941:24 942:5	991:16
1006:4	1072:16,25	922:21	<b>houses</b> 874:5	identify 927:10
1007:10	1073:1	923:21	<b>huge</b> 860:6	977:4
1031:17	1075:23	924:17	1038:14	identifying
1053:17	<b>highest</b> 800:14	925:10 927:6	hundred	895:24 904:8
1093:4	905:17	927:23,24	874:13	942:17
helpful 977:4	<b>highly</b> 813:19	932:9 933:9	936:14	<b>ignore</b> 800:12
985:4	895:21,21	933:15	<b>hurt</b> 1021:6,7,8	800:18
1002:14	901:24,25	954:15	hurting 1021:5	801:11
hemorrhage	902:3,6,9,11	957:16 971:5	hypothetical	ignores 777:25
862:13	902:16,23	972:14,19	828:1	ignoring
Hensley	903:1,4,10	974:18 975:8	т	858:20
1093:22	904:10	976:5 978:5	I	<b>III</b> 1104:2
1103:24	917:25	978:20 985:8	<b>Iatan</b> 1032:22	Iles 772:17
Hensley's	918:14 919:6	986:11,18,24	idea 841:1	775:15,15
1093:21	957:14	987:3 995:21	874:18 887:5	782:9 986:11
Herdegen	1108:5	996:6 1018:7	977:1	illegible 803:13
	I	I	I	I

<b>Illinois</b> 859:7,8	<b>impacts</b> 884:18	849:12	845:11 849:9	823:12 824:9
867:17	981:20,23	inaccuracy	851:5 864:12	824:11
893:14 930:2	984:22	905:6,8	866:12,13	825:22
930:5,7,19	1007:20	inadvertently	873:7 898:16	826:14 837:1
943:18	1010:4,12	978:22	909:4 912:3,8	837:1 948:13
illustrate	1029:8	inappropriate	912:21	965:1,1,3,6
1059:24	1030:10	853:16 930:6	917:19 934:3	982:14
illustrates	1038:12,13	1002:2	934:16,18	984:13,21
991:4	1050:10,21	inartfully	966:23	985:19,25
illustrating	1051:14	1059:11	1070:23,24	986:3 991:23
1060:2,11	1064:2	incentive	includes	991:25 992:2
illustrative	1065:6	779:24 783:1	794:17 901:2	992:5,6,7,18
1051:1	1066:3	783:15	901:14 920:3	992:21,23,24
immediately	1076:20	797:16	940:15	993:1 998:23
869:6 951:10	<b>impanel</b> 923:17	806:13	including	1000:23
<b>impact</b> 849:25	Implement	822:20	856:2 858:11	1003:19
991:19	770:13,16	835:14	859:16	1013:15
992:13	implementati	888:19 889:1	938:25	1019:14,24
1003:6,10	984:24	incentives	1041:5	1019:25
1004:4,5,13	1038:15	780:7,15	inclusion 931:1	1020:3,4,6
1004:15,19	1043:9	802:12,12,22	income 778:5	1022:4
1005:8,10	1044:8,14	825:2	831:3,7 832:5	1030:13,16
1009:19	implemented	inception	832:6 843:8	1030:16,18
1010:1,6	832:21	966:23	849:20	1030:22
1011:17	implications	include 780:5	850:23	1031:1,3,7,15
1013:3	964:15	790:19,20,21	851:15	1031:25
1014:1	important	791:5 810:16	852:14 857:5	1032:5,6,8,9
1028:16	853:23 981:2	810:21	965:23	1032:12,20
1029:3	981:19,22	811:16 825:2	966:16,21	1032:25
1030:4,7,8	1042:14	849:15	967:15,16	1033:1,5
1031:3,21	importantly	852:23	incomprehen	1035:1
1032:3,13	815:9	862:11 893:8	867:6,7	1038:17
1036:5,8	improper	907:7 912:7	inconsistent	1061:3,24
1037:18	804:9 807:5	912:17	929:15,16	1064:12,13
1038:8	822:10	913:18	966:4	1068:11,18
1051:10	1074:14	918:22 934:1	incorporate	1068:22,24
1059:19	<b>improve</b> 780:7	936:7,12,15	813:1	1068:25
1060:25	825:2	936:23	incorrect	1069:5,21
1061:19	improvement	938:12 939:2	1007:8	1071:10
1063:13	783:19	939:6 946:5	1008:6	1075:1,24
1076:16	imprudence	1037:12	1009:19	1076:2
1083:24	777:9 832:25	included 779:5	1010:1	increased
1084:1	imprudent	779:8 810:1,5	1011:17	822:1 858:19
1086:2	822:6 907:2	810:25	increase 770:13	858:20 984:8
impacted	<b>impute</b> 999:6	811:16	770:16	985:21
865:12	imputed	814:19	782:24,25	increases 783:6
992:23	848:22,24	815:14	783:14	835:23 965:2
		l	l	

965:16,20	indicate 902:10	993:7,9	942:16	841:5
1021:23,25	904:12 918:8	1055:13	1000:25	internal 940:1
1037:24	969:9 983:20	inflated 858:18	instructions	940:23
1059:19	1008:22	863:13,22	923:13,19	interpret
1064:6	1017:7	influence	insufficient	1023:7,10
1067:22	1063:21	1023:5,6	988:9	1024:12,16
1074:6,8	indicated	information	insulate 850:17	1026:15
1076:19	899:11 902:2	780:25 781:7	850:20	interpretation
1078:6,7	940:24	781:10	integrated	792:2
increasing	1015:20	812:13 818:7	829:17	1007:21
783:13	1019:14	898:20,24	intend 778:7	1023:9
863:16	1026:7	899:9,14	812:25	1028:4
888:20	1071:8	900:2 902:9	977:10 981:8	1030:10
944:11	1088:25	902:12	intended	interpreted
987:11	1092:5,8	903:11 904:7	1003:24	1007:10
1019:22	indicates	906:16	intent 778:10	1030:2
1021:9	897:15	912:17	778:11 792:2	1032:4
1035:13	898:20	918:15 932:5	817:21,23	interrupt 966:9
increment	973:19	938:3 939:5	1004:8	1092:25
805:18	1007:17	957:14	1024:15	interrupting
incremental	1010:21,23	969:18	1050:9,10	798:5 927:24
973:21	indication	974:16	1076:17	intervene
1033:19	834:18	1009:22	interclass	789:16
increments	indications	1011:5	1079:2	intervened
805:17	902:11	1020:5,5	interest 852:8	1037:6
incur 853:21	<b>indices</b> 1079:14	1023:19	861:6 987:11	intimately
incurred 792:5	indifference	1037:21,22	1017:8,11	1001:3
843:10 844:8	777:17	1074:11,13	1036:23	intraclass
912:10	820:10	1074:19,20	1037:2	991:2
934:24 956:9	individual	1083:24	interested	introduce
incurs 810:2,17	904:25	1084:10	789:1,15	804:12
810:21	individuals	<b>initial</b> 781:15	814:16	1005:20
811:17	932:23	925:25	interesting	introduced
873:11,16	<b>indulge</b> 928:17	966:10 967:2	1075:7	784:10
indemnify	indulgence	initially 781:12	interests	802:18
889:8	976:6	inquire 897:14	1017:15,24	1037:21
independently	Industrial	897:18 903:7	1018:1	1087:11
804:3	772:20	inquiring	1033:12	inverse 853:4
index 1046:4,5	854:13	954:4	1036:14,18	investing 859:3
1046:7	986:10	inquiry 872:5	interject	investment
1071:9,15,18	industrials	900:7 1088:3	1074:18	862:13
1072:8	1001:1	<b>insert</b> 810:2,3,5	intermediate	884:25
1101:4	1047:3	810:18,25	1042:3,8,11	938:11
1103:1	industry 803:6	811:16,17,18	1043:5,9,17	investors
<b>indexes</b> 1066:4	inefficient	<b>insist</b> 991:3	1044:9	853:11
1070:25	887:19,23	<b>inspect</b> 888:16	1045:11	942:17 943:8
1072:17,18	inequities	instance 860:21	intermission	investor-own
			<u> </u>	

989:22	914:13	991:6,7	1054:6,9	1107:1
invitation	916:21 920:8	1015:12	1058:15,17	Jennifer
966:9	926:20,24	1017:23	1062:10	1085:20
invoke 1033:6	927:2 929:19	1026:20	1064:25	jfischerpc@a
<b>involve</b> 1023:1	953:10 968:3	1048:21	1066:6,12,14	771:9
involved	973:13 976:2	1086:8	1066:17	Jim 980:5
1001:3	976:3 981:9	1088:4,5,19	1067:12,18	1092:25
1053:14	982:3,9,11	1090:5,12	1069:8	1098:6
involvement	984:5,10	1097:24	1074:10,21	<b>Jimmy</b> 1095:20
1023:8	991:16,18,20	item 949:6	1074:23	1103:4
involves 843:5	1002:18	984:19	1077:22	1105:9
870:7	1010:20	items 853:25	1081:7	<b>job</b> 800:16,17
in-camera	1035:20	854:3 1078:9	1082:2,7	800:22 801:3
957:18,20	1041:4,8,10	Ives 880:18,20	1084:13	801:9,13
1101:4,6	1086:19	880:25	1085:4	803:1 807:18
Iowa 859:25	1089:13	1087:16	1101:15,21	817:18,22
<b>iPads</b> 844:18	<b>issued</b> 781:17	1093:23	1102:4,8	823:10
<b>iPhones</b> 844:18	822:4 884:21	1096:14,15	<b>James</b> 771:6	1017:20
IRP 830:2,24	896:13	1096:15	774:12	<b>John</b> 772:6
861:10,20	911:25	1100:20	January	774:24
irrelevant	927:12		1064:6,11,12	1086:22
891:22 929:7	issues 776:2,16	J	1074:7	1094:12,13
isolated	776:17	J 771:15,20	<b>Jarrett</b> 770:20	1096:2,22,23
1069:24	777:16	781:21 809:5	799:10,13	1104:24
1070:15	781:25	809:7,11	800:3 834:4,5	1105:2,3,5
issue 776:1,5,6	838:15,18	1100:10	834:8 842:23	1106:18,19
776:18	839:13 840:6	1104:24	880:8,9	1106:21,22
778:20,21	840:19	1106:18,19	881:22	1106:24
779:1 782:6	841:11,20,24	1108:3,4,11	882:25 909:9	Johnstone
784:2,19	842:2,11,11	Jacobs 772:10	972:8 975:22	976:12
786:10 787:9	843:7 847:19	775:8,8 784:1	<b>Jay</b> 977:20	979:15
816:2,5,20	853:13,23	786:3 877:10	1081:7	1019:10
822:17 838:9	856:11,24	877:14	1082:6,10	1069:22
838:17 839:2	862:19	924:15	1102:8	1079:9
842:19 843:3	864:11	971:21 975:17	1110:23,25	1111:11
843:3,6,8,9	865:22,23	987:21	1111:1,4,5,7	Johnstone's
843:12,15,17	866:5,6	987:21	Jeff 778:18	979:17
843:17 845:7	884:23 917:2	1002:24	<b>Jefferson</b> 770:9	1018:21
845:9 854:8	917:22 918:5	1002:24	771:8,12	1070:13
858:1 864:10	918:20	1008:4	772:15,19,23	join 870:4
864:13 866:7	919:24	1018.4	773:3 846:23	875:16
866:12,18,20	925:14	1031:17,22	1112:15	931:24 932:2
866:21,22,22	926:21 969:4	1048:7	<b>Jeffrey</b> 773:2	joining 986:15
869:20	977:18	1049:19	774:17	joins 875:19,20
870:23	980:13,16,20	1050:25	1094:15	joint 851:23
876:25	980:24 981:3	1053:6,15	1096:25	853:11
880:24	985:10,16	1033.0,13	1105:7	917:23 940:5
L	•	•	•	•

<b>jointly</b> 940:4	878:5 879:11	975:6,12,14	1084:16,21	800:2 803:10
975:9	879:19,22,25	975:16,18,20	1084:25	803:15,17,20
<b>Jordan</b> 770:18	880:3,5,7,16	975:24	1085:6,10,14	804:2,15,18
774:2,6,14,18	880:20 881:2	976:16,21	1085:18,23	804:24 805:4
774:22 775:1	881:5,8,10,13	977:8,13,24	1086:6,14,18	806:19 807:6
775:5,10,13	881:15,18,20	978:12,17	1087:5,10,17	807:15,20
775:17	881:23 882:5	979:10,14,21	1087:23	808:15,16,19
776:13	882:9,11,13	979:25 982:5	1088:13,15	808:21 809:2
778:15 782:2	882:15,17,20	985:6 986:9	1089:12,18	812:15,21
782:7,11,15	882:22 883:2	986:12,17,23	1089:21	813:4,10,13
783:21,24	883:9,13	986:25	1090:1,4,11	813:24 814:2
784:4,7,16,25	886:22	987:17,19	1090:16,23	814:13,25
785:10,25	892:19,23	993:20 995:8	1090:25	815:21
786:4,7,13,18	893:17,20	995:13,16,19	1091:6,8,16	816:11,13,14
786:21,23	895:5,8,10,13	995:22,25	1091:18,24	816:21,23,24
787:1 789:21	895:18,25	996:3 997:2	1092:10	817:1,4,6,8
794:2,14,22	897:11,17,20	1000:17	1093:4	819:16
795:4,11,17	900:6,9,12,25	1001:7,11	1094:19	825:11
795:22	901:5,8,17,25	1002:5,13,21	1095:9,12,19	833:16,18,23
796:10,15	902:5,13,17	1018:5,8,11	1097:4,10,14	834:4,11,13
798:1 799:8	902:22 903:3	1018:13	1097:19	838:4,6,21
799:16,19,24	903:14,21	1019:2	1098:2,7,10	839:5,8,11
800:2 803:15	909:8,11,14	1021:13,16	JR 772:21	840:1,4,11,16
804:15,24	909:18	1024:19,24	judge 770:19	840:22,25
807:15,20	914:17 915:3	1034:24	774:2,6,14,16	841:7,14,19
808:16,21	915:6,24	1039:4,10,18	774:18,22	842:7,15,22
809:2 812:21	916:6,11,15	1039:21	775:1,5,10,13	848:3,5
813:4,10,13	920:22	1041:7,13,15	775:17	853:24 854:5
813:24	922:15 923:3	1041:21	776:13	854:7,11,16
814:13	923:20,25	1043:3	778:13,15,17	876:12,15,19
815:21	924:8,11,13	1045:4	782:2,4,7,11	877:7,10,12
816:11,14,21	924:16,22	1048:5,11,19	782:15	877:15,17,19
816:24 817:1	925:4 927:7	1049:7,16	783:21,23,24	877:25 878:4
817:4,6,8	928:7 929:8	1050:24	784:1,4,7,9	878:5 879:7
819:16	932:10 933:8	1053:8	784:16,25	879:11,19,22
833:18,23	933:10,14	1054:8	785:4,10,23	879:25 880:3
834:4,11	954:6 957:13	1062:5	785:25 786:4	880:5,7,9,13
838:6 839:5	957:17 964:1	1064:22	786:7,13,18	880:16,17,20
839:11 840:4	966:12	1066:7,10,13	786:21,23	880:22 881:2
840:11,16,25	967:18,21	1066:15	787:1 789:21	881:4,5,8,10
841:7,14	968:6,8,11,22	1067:14	794:2,14,16	881:13,15,18
842:7,15	969:3,17,20	1069:9,11,14	794:22 795:4	881:20,23
848:3 853:24	970:24 971:8	1070:18	795:6,11,17	882:1,5,9,11
854:5,11,16	971:16,19,22	1077:12,17	795:22 796:8	882:13,15,17
876:12,15,19	971:25 972:3	1081:5,8,13	796:10,15	882:20,22
877:7,12,15	972:6,11,17	1081:18,22	798:1 799:8	883:2,9,13
877:19,25	974:22 975:3	1082:4	799:16,19,24	886:22
			<u> </u>	

_				
892:18,19,23	972:1,3,4,6	1062:5	941:22	776:11
893:17,20	972:11,17	1064:22	<b>jump</b> 923:10	836:16,17,20
895:5,8,10,13	974:22 975:3	1066:7,10,13	<b>jumped</b> 867:19	836:21
895:14,18,20	975:5,6,12,14	1066:15	<b>June</b> 793:23	842:13 848:9
895:25 896:2	975:16,18,20	1067:14	1108:24	874:17 879:8
896:21 897:2	975:24	1069:9,11,14	jurisdiction	879:14
897:11,14,17	976:16,18,21	1070:18,19	1076:25	883:19
897:20 900:4	977:2,8,13,16	1074:10,18	<b>jury</b> 923:13,14	893:25 908:8
900:6,9,12,16	977:24	1077:10,12	923:15,18	908:23
900:23,25	978:12,17	1077:17,19	justified	915:12
901:5,8,17,23	979:10,14,21	1081:5,8,13	981:18 988:1	965:25 973:5
901:25 902:5	979:25 982:5	1081:18,22	990:2,3	982:20
902:8,13,17	985:6 986:9	1082:4		985:17,19,25
902:22 903:3	986:12,17,23	1084:16,21	K	986:5 987:6
903:14,16,21	986:25	1084:25	<b>K</b> 770:24	987:13 988:4
909:8,11,14	987:17,19,22	1085:4,6,10	878:12	988:18 989:1
909:16,18	993:20 995:3	1085:11,14	1023:5	989:24 990:9
914:8,17	995:8,13,16	1085:18,23	1100:19	992:14
915:3,6,8,23	995:19,22,25	1086:6,9,14	1103:14,16	993:15
915:24 916:6	996:3 997:1,2	1086:18	1103:18	994:12,14,14
916:11,15	1000:16,17	1087:5,10,15	1105:14,15	995:4,11
920:22,24	1001:7,11	1087:17,23	1105:17	1000:22
922:15,16	1002:3,5,13	1088:13,15	1112:5,17	1012:19
923:3,8,20,25	1002:17,21	1089:12,18	<b>Kansas</b> 770:12	1014:19
924:8,10,11	1018:5,8,11	1089:21,22	771:4,14,21	1015:14
924:13,16,21	1018:13,25	1090:1,4,6,11	772:3,12	1016:7
924:22 925:4	1019:2	1090:16,23	774:4,10	1021:23
925:9 927:7	1021:13,16	1090:25	790:6,8	1022:12
928:7,9,16	1021:17	1091:6,8,16	830:18	1023:4,6
929:1,8	1024:19,24	1091:18,22	859:25 867:9	1024:10
932:10,12	1025:1	1091:24	878:14,18	1037:6,9
933:8,10,14	1034:20,24	1092:10,16	915:15 921:7	1042:6
933:16	1039:2,4,10	1093:2,3,4	923:17	1071:22
949:24	1039:12,18	1094:19,20	956:21,23	1072:14
953:23 954:2	1039:21,22	1095:9,10,12	981:14,21	1073:20
954:6 957:6	1040:25	1095:19	990:1 1016:9	1074:6
957:13,17	1041:7,13,15	1097:3,4,10	1019:12	1078:13
964:1,2 966:8	1041:19,21	1097:14,19	1028:23	1079:2
966:12	1041:24	1098:2,7,10	1047:12,13	1080:19
967:18,21	1043:2,3	judgment	1072:3	1090:19,21
968:2,6,8,11	1045:4	865:5 1000:3	<b>Karl</b> 771:2	1092:16,17
968:19,22	1048:5,11,18	judicial 927:24	774:12	1092:18
969:3,11,17	1048:19,25	<b>July</b> 849:19	776:21	1093:12,13
969:19,20	1049:7,16	851:14 852:2	karl.zobrist	1093:15,15
970:23,24	1050:24	886:10,15	771:5	1093:16,17
971:8,14,16	1053:3,8,20	887:3 899:5	KCPL 771:14	1093:18,19
971:19,22,25	1054:8	939:20	774:5 776:3	1093:20,22
		<u> </u>	<u> </u>	

	_	_	_	_
1093:23,24	976:24	kept 793:3	1000:19,20	954:18
1093:25	1004:2	802:16	1001:6	969:15
1094:1,1,3,3	1035:3	823:10,23	1021:17,18	996:25
1094:3,4,5,5	1036:7	<b>Kevin</b> 770:20	1024:17	1002:15
1094:6,10,12	keeping 802:12	1093:8	1039:7,12,13	1003:4,23
1094:13,14	<b>Keevil</b> 773:2	1095:25	1039:22,24	1007:13
1094:14,15	774:17	1096:1	1040:25	1011:19
1094:18	778:17,18	key 987:22	1041:9,19	1012:10,11
1095:16	787:2,3 790:3	991:21	1053:20	1016:19
<b>KCPL's</b> 973:18	793:12 794:4	992:13	1058:11	1017:2,17
973:19	794:8,11,19	kicks 991:16	1074:18	1024:13,15
983:24 988:3	794:25	<b>killed</b> 889:9	1077:19,21	1026:19,23
988:8 990:4,7	795:13,16	kilowatt	1079:7	1026:25
1044:14,20	796:8 803:20	868:16	1081:3,11,14	1028:13
1044:25	804:9 805:7	874:22	1081:25	1033:12,21
1103:2	808:19 809:1	875:17,19	1084:20	1034:12
KCPL/GMO's	809:4,8	904:5 905:21	1087:1,15,19	1035:3
988:22	812:15 813:2	905:23	1089:22	1041:7
1101:16	813:7,15	982:24,25,25	1091:19	1047:11
KCP&L	814:12,14	983:1,3,5,5	1092:3	1048:12
770:15	815:5 816:4	983:11,12,16	1094:20	1049:5
774:11	816:18	983:18	1097:5,9	1056:23,24
894:20	820:12	1034:6,7	1101:13,19	1057:3
907:23,25	834:13,14	1075:21	1101:22	1062:6,7
908:10,11,19	838:4 840:22	kilowatts	1102:3,6	1065:1
909:3 986:20	1100:3,7,10	868:14,18	knew 939:9,11	1069:22
990:17	1100:12	kin 816:3	know 784:22	1074:16
1007:14	<b>Kellene</b> 770:24	kind 829:25	786:11	1077:5
1016:6	1112:5,17	830:22 914:5	802:15 807:4	1079:21,24
1022:2	<b>Kelly</b> 1094:4	933:1 981:23	818:14,17	1088:23
1030:18,19	1096:18	982:10	824:24 833:9	1097:18
1032:8	1104:13	990:17,19	833:14 835:7	knowledge
1034:4,8	1106:11	1015:12	838:24	812:13
1036:5,8	<b>Kenney</b> 799:18	1020:8	839:10,22	834:23
1071:1	799:19,21	1033:7	884:7,10,22	837:25
1074:25	800:1 833:25	1035:19	887:1 891:15	906:19 935:9
1078:6	834:1 880:8	1062:2	891:19 892:4	974:16 995:1
KCP&L's	893:21 894:2	1067:20	896:6,9,18	1013:18
894:17,25	909:11,13	1070:12	903:22 905:2	1015:14
982:13	972:9 975:23	1076:4	905:9 909:2	1022:11
1064:6	1001:8,9	kinds 1024:1	911:1 914:24	1037:23
keep 791:9,17	1024:20,21	1033:6	917:7 920:11	1067:10
791:22	1077:13,14	Kliethermes	923:9 924:24	1084:10
792:23 793:2	1084:22,23	773:1 774:16	927:3 928:6	known 858:12
793:3 823:3	1088:14,16	774:17 794:6	931:21 932:2	860:22
823:13,22	1089:2,7,11	794:9 842:9	938:7,9 939:9	914:23
836:2,4,7,12	1098:9	982:7	948:16	knows 839:15
		l	<u> </u>	l

				1
903:19	1097:7	<b>Lena</b> 787:15	1092:5,8	1006:7
921:24	<b>law</b> 770:19	853:13	levels 965:6	1009:5
	771:2,2,6,10	969:25 970:3	999:24	1010:25
L	771:10,15,20	1101:7	1000:4	1012:4
L 772:13,17	772:1,6,10,13	length 785:7	1051:23	1014:5,9
1093:21	772:17 774:6	885:14	Lewis 772:21	1015:2,9,11
1103:24	796:20,21,24	lessened 853:2	774:20	1018:2
1109:24	845:3 856:9	lesser 823:12	<b>LGS</b> 1069:21	1019:5
1110:1,12	864:6 889:12	824:11	1070:12	1033:18
label 1003:22	lawyers 785:17	865:14	liability	1035:2
<b>labeled</b> 951:5,9	lay 897:2	931:10	1028:13	1057:6,12,18
1090:20,22	layered 980:23	964:18	lied 896:24	1058:18
labels 1043:14	lead 986:21	let's 774:14,22	life 964:23	1060:21
lack 903:12	1007:22	789:4,4,5	<b>light</b> 770:12	1061:5,6,7,15
922:12 971:6	<b>leading</b> 914:16	805:15 808:5	771:14 774:5	1073:22
LaCygne	915:4	823:19	774:11	1075:5
1016:10,18	leads 868:19	825:17	780:19 790:6	1083:5,10,18
laid 903:18	lead-in 953:12	834:22	790:8 830:19	1083:20,23
980:16	learned 1020:5	835:20,20	849:17	lines 821:11,14
<b>Lake</b> 894:14	lease 885:16	838:13	878:14,18	821:18
language	910:23	857:13	981:14,21	906:22 971:2
814:19,23	911:10,11,12	858:15 900:9	1016:9	1056:16
1023:11,14	911:12	903:25 906:1	1019:12	lingering
large 778:2	leased 885:15	916:2 938:14	1072:3	860:10 863:7
943:8 984:1	leave 874:1	947:5 956:1	likewise 836:11	link 790:24
985:21	leaves 838:24	977:8,14	limit 781:13	linkage 926:10
1001:1	led 829:7	978:6 995:16	806:16,18	liquidated
1002:1	836:25	1026:2	890:11	889:4
1022:5,6	858:25	1029:6	<b>limited</b> 794:24	list 781:4
1024:7	<b>left</b> 904:11	1030:18,21	794:25 968:4	864:11 976:2
1027:8	1008:13	1031:9,12,13	line 787:13,23	976:8,22,25
1028:25	leftovers 860:3	1033:9	787:23	978:4,17,21
1035:1	989:18	1036:11	790:14,14,15	979:14,19,25
1047:1,25	legal 773:2	1049:16	792:1 810:12	980:16
1048:1,1	864:15,25	1070:21	810:14	1087:17
larger 1032:7,9	876:25	1071:3,4	811:14	1092:6,9
1032:19,25	921:18	1072:2,2	820:14	1093:1
1037:25	944:22	1073:19	821:16 833:4	listed 935:24
late 858:17,23	legally 921:14	1082:4	837:4 874:15	970:7 978:22
860:16	legislation	1089:18	906:22	979:18
1058:16	792:6 1017:1	1095:12	918:12,12,13	listen 1052:18
1069:18	1017:3	level 805:13	919:5 943:5	listings 906:9
late-filed	legislative	824:9 835:9	971:3 973:16	lists 831:19
1089:24	792:2	973:20 986:7	973:16 974:5	literally 778:23
1090:3	legitimacy	1021:4	974:9 998:21	Litigation
latitude 865:2	1042:18	1030:10	999:16,21	770:24
Laughter	lemon 855:12	1075:23	1000:9	1112:6
		l	<u> </u>	

<b>little</b> 791:1	930:19	990:25	1090:13	786:6 816:23
815:1 816:3	935:22	992:12,16	lose 862:13	876:20,20
818:25	946:24 947:8	999:21,25	1034:17	879:21 881:4
834:22 851:2	947:9,10	1000:2,6,25	<b>losing</b> 1019:21	882:8 883:9
858:15	956:14	1006:7	loss 823:13	883:11,16
911:16	<b>location</b> 870:21	1009:2,4	1034:21	886:21,23
932:16 935:2	948:7	1010:15	lost 785:7	892:18 893:1
935:2 937:13	logic 857:11	1012:4	831:6 914:5	893:16
938:24	logical 988:10	1014:5,15,21	1035:10,14	909:21,22
943:14 976:6	long 794:17,20	1020:16,18	lot 806:2 819:5	911:15
1008:11	862:25	1020:18,25	907:11	914:13
1019:6	875:25	1022:16	941:22	924:10
1050:7	923:12,12	1032:2,2	947:15	971:18 975:5
1069:18	932:14,16	1033:15,16	1005:5	987:19
1070:3	939:22	1035:19,24	1021:4	1100:17,23
1079:20	988:24	1035:25	1023:8	Lumley's
lives 846:20	1034:10	1038:3	1027:6	914:12
874:3	1048:9	1051:19	1029:7	lunch 838:12
LLC 879:20	1052:17	1056:14	1038:11,20	841:8
881:3 882:7	1086:23	1060:21	1049:2	L&P 984:23
924:9 971:17	longer 781:18	1066:18	1056:6	992:21
<b>LLP</b> 771:11	861:6,7,8	1071:3,4,12	1076:10	1013:13
772:18	989:20 992:9	1072:2,2,20	Louis 772:7	1020:16
load 779:7	1028:1	1073:18	low 943:14	1031:12,20
810:3,23	longer-term	looked 802:9	1003:11	1032:1,8,10
811:18	965:11	802:19 808:9	1010:6	1032:19,25
815:12	long-suffering	868:10	1013:6	1035:25
887:13,14	863:12	996:10	lower 853:7	1036:7
988:9 1012:1	long-term	1000:24	871:23 903:5	1062:20
1012:8	912:4	1052:7,9	904:11,13	1076:16,18
1019:21	1020:25	<b>looking</b> 832:10	967:12	1076:24
1035:9	look 792:17	853:15,17	1046:25	L&P/MPS
located 843:5	796:7 797:12	904:7 912:4	1058:2,3	1035:20
848:15	802:22,23	930:18,20	lowering	
851:17	805:16 818:4	951:17 967:7	872:17	M
852:20	819:1,10	983:6 1006:2	lowest 846:4,7	<b>M</b> 771:6 970:3
854:23 856:2	833:15 839:1	1016:5	847:23 849:3	994:4
856:20	847:7 865:18	1019:24	892:2,5,11	1094:15
857:24 858:2	871:14	1035:20	893:3 905:16	1096:25
863:14	886:25	1038:18	905:19	1104:3,5,15
867:17 868:7	906:15	1046:14	913:12 914:3	1104:16,18
870:1 873:13	944:11	1047:1,15	915:20 957:1	1104:20
873:20,22	953:11 967:5	looks 838:9	957:4	1105:7
874:5,11,25	968:1 980:13	967:24	1075:20	1106:1,3,13
875:3 894:12	980:15,17	1020:7	<b>Lumley</b> 771:15	1106:14
894:15,22,25	981:2,20,25	1097:20	775:6,6	1107:1
910:6 915:11	982:21	loose 1061:13	783:23 786:4	Madison 771:7
	1			

772:22 773:3	1001:18	994:13	math 1006:20	1008:6
magnitude	1042:12,16	1066:8,11	1061:21	1012:12,15
862:7 1078:2	1042:20,25	1082:21	1078:8	1012:12,13
MAI 921:14	1043:6,24	1103:1	mathematical	1013:10
923:11	manufactured	1111:12	807:12	1024:1
main 771:3	844:20	market 801:9	mathematica	1026:15
843:17	manufactures	821:4 837:1	808:10	1028:13
880:23	844:18	837:11 846:5	926:13	1030:2
980:24	map 858:4	846:8 847:25	matter 770:12	1038:4
1074:5	870:6,6	856:17 857:2	770:15	1053:11
maintenance	<b>March</b> 932:17	857:23	775:18 804:3	1054:24
885:4 888:5,8	margin	858:19,24	807:23 845:3	1055:24
majority 990:9	1019:19	859:2,14	873:23,24	1062:14
992:4,20,22	1020:25	861:16 862:4	969:15 976:3	1076:17
making 788:23	1034:17,21	865:14,18	981:6	1078:4
808:4	margins	866:1 867:22	1049:11	1080:5
1033:19	1033:11	868:6,19,25	1078:19	1088:17
1061:18	1034:7,11	869:3,23	matters 1040:9	meaning
manage 883:19	1035:14	871:9,15	1041:2	937:21
1023:23	mark 796:3	872:1,4,9,11	Matthew	939:15,17
1026:22	812:23	872:14	781:21	989:6
managed	854:18 872:7	874:21 876:4	787:18 809:5	1010:11
890:24	903:4	876:8 921:12	809:7,11	1059:23
management	1093:14	921:13,13	1100:10	means 790:22
862:10,11,20	1096:5	937:15 938:1	1108:3,4,11	857:18
867:11	1103:13	938:18	Maurice	972:12
883:20 994:9	1105:13	941:11,17,24	1110:3,5,6,14	1011:17
1026:18	marked 776:12	942:3,7,14	1110:3,5,6,14	1046:5,8
1020:16	784:15	943:9,22	McCarty	1071:9
1028:7,7,10	795:20 803:7	944:16,21,24	771:11	meant 954:15
manager	803:11,14,18	945:4,6,11,12	McCollister	measure
1040:6	809:20 811:9	945:19 946:2	1096:16	824:22
managing	812:1,2 813:6	947:22 948:6	1104:4,6	837:19 838:1
817:18	825:9,12	948:11,17	1106:2,4	904:4
manner 789:7	854:19	949:16 964:5	McCollister's	MECG 854:19
1091:21	879:15	964:6,16	1093:25	871:20 876:4
Mantle 853:13	895:15,17	marketer	McDonagh	972:14
906:21 907:1	896:3 897:24	857:21	922:1	973:19
969:25 970:3	916:4,25	marketplace	meager 783:14	974:24
970:4 971:3	917:13,21	801:7 872:14	mean 791:11	986:19
970.4 971.3	918:4,18	873:18	823:16	MECG'S
1101:7	919:9,13	887:20	829:23	1101:9
Mantle's	957:7 970:6,8	940:23	896:15,24	1101.9
787:15	970:10 973:5	marking 903:6	903:16	mechanical
manual 996:9	970:10 973:3	marriage 863:8	905:15	807:25
996:12,13,21	978:16	match 874:23	907:10	824:14
997:5,22,25	979:13,23	match 874.23 matches 872:5	1003:24	1022:23
771.3,44,43	717.13,23	macines 0/2.3	1003.27	1022.23

				1
mechanism	890:16	855:4 856:16	<b>MEUA</b> 775:4	1006:3
776:23,25	megawatt	857:21	979:23	1007:19
777:5,8,18	848:14 849:6	858:13,16	MEUA'S	1007:15
779:23	886:11 904:5	859:3,4	1111:9	1009:3,15
780:14 792:8	907:25	867:13,14,18	Meyer 968:7,8	1013:15
792:11,20	930:24	868:24	972:15,20,24	1017:8
797:5 798:11	951:24 952:4	872:22,24	974:19	1023:1,12
801:20 802:4	951:24 932:4	873:2	1101:10	1030:13,14
804:20	953:6,15,22	mere 815:24	1109:21,23	1032:4
806:22	954:13,23	816:8 872:9	1110:9,11	1032:4
819:20,22,22	megawatts	922:6,13	<b>MGE</b> 976:10	1036:18
820:1,8	849:4 861:13	merely 780:22	981:17,23	1073:25
822:20	868:11,12	merger 936:18	983:21	1102:7
824:18	Meisenheimer	936:25	987:23 991:3	1110:21
826:20	978:19	merging	991:14	MG's 1057:21
820.20	1109:5,7,13	1036:1	1002:9	Michael 1039:7
833:13 835:9	1109:3,7,13	merit 871:21	1002.9	1039:23
835:17 836:1	Meisenheime		1003:13,22	1039:23
		message 942:17		
1026:13	978:23	1085:15	1008:14	1102:2
mechanisms	Melissa 843:21	meter 984:14	1010:21,23	1104:18,20
788:12,16	877:18 878:8	1003:19	1013:8,9,10	1107:11,12
1107:3,5	878:12,17,20	1004:4,11,20	1013:11	1107:14
medium 984:1	1096:8	1004:21	1020:5,14	1108:1,9
985:23	1100:19	1005:4	1022:24	1109:1
1022:5	1103:14,16	1009:24	1029:6	Michigan
1024:7	1103:18	1010:4	1030:1,7,8,23	859:16
1027:8	1105:14,15	1012:14	1031:20	microphone
1028:25	1105:17	1013:13,14	1032:13	798:2 895:25
1047:24	members	1015:2,4,10	1033:23	middle 870:8
1080:18	932:20	1026:16	1034:3	950:23
MEEIA 839:13	mention 779:19	1068:7	1036:11,17	982:10
840:2,3,5,8	781:5,11	meters 1010:6	1036:23	1005:12
841:24 842:5	856:14 857:1	1010:13	1037:1,6,12	1008:14
969:4,6,9,10	892:5 985:3	method 980:22	1038:9	1029:19
1041:10	986:19	1042:3,9,11	1062:4	Midwest
1085:12	1083:3	1042:15,21	1066:8	770:24
1086:19	mentioned	1043:5,10,17	1067:13,16	771:22 772:5
1088:4,5	778:20	1045:10,14	1074:4,5	775:12
1089:13	779:22	1047:16,17	1075:8	839:18
1090:5,12	780:20 841:1	1070:5,7,10	1076:8	1112:6
meet 779:13	873:11	methodology	1078:14	MIEC 775:16
822:6 848:19	875:15	871:21 938:1	1080:19	782:7,9
889:15,18	913:20	1045:21,21	1081:7	1091:2
890:3,6,9,13	924:24	1047:8,11	1083:13	1109:19
890:19	1035:18	metric 822:22	1085:8	MIEC/MECG
908:19	merchant	metrics 824:22	MGE's 981:11	978:15
meeting 862:22	848:14 849:9	837:19 838:1	1003:20,24	<b>Mike</b> 977:20
	1	1	1	i

	_			_
1111:8	807:11,19	1090:13	770:9,15	1085:21
miles 851:18	817:10,11	Minnesota	771:14 772:9	1112:3,15
854:24	819:15	859:17	772:11,16,20	Missouri-Co
857:24 858:2	838:21 854:7	minute 796:11	773:5 774:5	1107:3,5
858:5 868:7	880:15	921:4 998:13	774:11,25	misworded
874:13	881:17	1049:25	775:9 776:22	1012:17
millennium	882:19	1057:18	779:18	MJB-1-3
858:17	895:12	1060:18	782:20	815:10,16
<b>million</b> 822:18	933:12 957:9	minutes 841:4	783:25 790:8	<b>MO</b> 771:4,8,12
823:20,21	968:7,19,23	841:5,9,12	796:21,25	771:17,21
825:18,21	969:11	863:18 916:2	802:5 809:14	772:3,7,12,15
826:10,14	975:13 977:2	967:21	843:11	772:19,23
827:4,22	978:20 985:8	968:25	844:10	773:3
831:22	996:6,7 997:1	977:11	846:21 848:9	model 858:24
832:12,13,22	997:3	mislead	852:22	859:5
835:21,21	1000:15	1039:19	854:12	moderate
836:8 837:12	1001:15	mismanagem	855:14 856:9	983:23
837:12,15	1002:7	832:25	856:22	modification
849:19,21	1021:15	<b>MISO</b> 870:4	857:11,25	797:13 851:9
850:1 851:14	1041:24	874:25,25	860:1 863:15	927:12
851:25 852:1	1042:1	875:16,18,19	863:17 864:4	965:24
852:3 853:10	1043:2,4	875:20	865:16	966:18
868:12,13,14	1045:2	931:24 932:3	869:25	modifications
869:1 872:2,4	1048:25	932:3	874:18	788:20,24
872:10,15	1049:11	missed 862:2,5	875:24	789:8,10
876:5 912:10	1081:15	923:14	876:13,16	934:5
913:23,25	1087:9	Mississippi	877:8 893:18	modified 779:4
926:5 936:5	1088:6	843:5,11	894:15	781:12
937:5 938:14	1091:4,8,9,17	844:6,11,15	907:23,25	849:17
938:20	1091:22	844:23	908:8,10,11	<b>modify</b> 796:25
939:25 940:7	1092:25	847:23	908:20,23	797:12
941:1 942:6,8	1100:11,16	848:15 850:5	909:3 910:6	<b>moment</b> 933:16
942:10,12	1101:14,18	851:18	911:5 921:14	941:8 956:2
943:2,10,11	1102:3	852:21	921:16 922:1	1074:21
943:21,22	mind 1018:23	854:24 855:3	923:13,18	money 791:18
944:5,18,19	1037:3	855:18	924:14	791:22
947:22	Mine 821:16	857:10,24	965:25	792:19,24
951:24 952:5	902:6	863:4,17	968:18	793:3 821:25
952:9,12,17	mine's 1077:6	864:2 867:8	986:10 987:1	828:2 844:15
952:24	mini 778:22	869:25	987:6 988:16	845:1 858:21
1067:23,25	819:4	873:16	989:23	862:13 937:9
1068:1,8	minimally	874:13,16	993:10	monitor
Mills 772:21	1033:15	875:12 877:4	995:20	1023:23
774:20,20,23	minimum	883:23	1041:22	Montalbano
782:4 785:4	968:2	890:22	1047:8,12,12	1094:2
786:25 804:8	ministerial	944:13	1047:13	1104:8,10,12
806:10,17,24	1049:1,13	Missouri 770:1	1081:20	1106:6,8,10
	I	I .		Ī

				1
Montalbano's	moves 1023:25	N	887:15	1039:17
1096:17	1080:21	N 1100:1	910:25	1066:15
month 875:17	moving 929:18	nail 859:22	nearest 858:3	1071:9
875:19 887:3	931:14	name 809:9,10	874:9	1081:22
983:18	985:12	839:23	nearly 832:12	1086:19,24
monthly	1026:14	842:23 848:6	Nebraska	1087:5
965:18	1046:25		853:9 859:25	1088:3,4,11
988:20	MPS 829:4	878:10,12 898:23	necessarily	1089:25
1052:2	848:21	915:14 970:2	792:21 913:6	1090:9
months 828:17	851:14	972:22 994:2	necessary	1097:20
890:4,20	852:25 856:3	972.22 994.2	779:6,8 810:4	needed 779:13
988:6,21,21	856:7 857:3	1027:22,25	810:17,22,24	861:21,22
1080:4	860:14,23	1027:22,23	811:18,19	930:22
morning	861:2,21,22	1028:11	815:11,13	973:22
776:15 787:4	862:3 863:1,4	1039:14	901:2 915:16	1008:24,24
787:5 796:17	863:5,12		915:19	needing 887:14
796:18	869:6 984:23	names 1023:21 1027:24	1023:11	needs 848:19
799:10,12,14	992:19		1044:23	855:14
799:22,23	1020:16	narrative	need 795:4	858:20
819:18,19	1035:25	966:11	812:16,23	875:23 888:2
834:5 838:23	1036:7	NARUC 996:9	813:2,7,13	890:6,9,15,16
984:2	1050:7	996:12,13,21	815:25 816:6	896:14,16
1097:21	1071:24	997:5,22,25	816:12	915:1 919:6
MORRISON	1071:24	1001:18	839:12	negative
771:11	1075:10	1042:12	840:18	1080:9
motion 785:12	1076:15,18	1043:16,24	843:18,20	neglect 862:14
1087:21	MPS's 856:5	Nathan 773:1	844:13	negotiate
1094:23	1050:12	774:17 848:6	854:10	867:12,16
motions 785:6	MSS-R1	nation 859:4	855:18,19,22	negotiated
785:12 927:4	1045:25	native 779:7	856:5 860:14	891:17
1087:24,25	MSS-1 1066:22	810:3,23	860:22	negotiation
1094:22	1067:2	811:18	861:12 862:3	941:19
move 774:14	multiple	815:12	863:1,6,20,23	neighbor
819:21	813:25	<b>natural</b> 778:1 781:14 821:5	863:25	989:14
826:13,19	863:19	821:25 829:1	865:18	neighbors
833:17 911:4	1054:2	829:6 857:16	875:14	988:4 990:11
928:5 937:9	multiplied		890:11	990:13
938:12 968:9	868:17	910:4 948:5 989:13	911:24	<b>Neither</b> 878:5
974:19,20	municipal	1037:5	914:24	net 778:5
991:12 995:3	884:12	nature 865:23	957:17	779:25
1087:13	Murphy	867:13,21	991:11,12	792:22
1090:22	1094:4	907:17	993:3,5	805:14 831:2
1097:2	1096:18	930:14,22	994:19	831:7 832:5,6
moved 872:9	1104:13	930:14,22 NCP 1069:20	1020:24	871:5 904:1
875:23	1106:11	near 848:15	1023:14	907:4,8,11
1076:5	M-E-E-I-A	851:17	1033:16	912:5 913:8
1086:4	969:6	863:15	1036:4,7	913:10,11,16
		003.13	1 2 2 3 3 7 7	

935:21 936:2	983:25	879:14,15	NO.306NP/HC	1094:21
937:16,18	984:14	895:16 924:3	1109:9	numbers 778:7
964:18	nonunanimous	971:12	<b>NP</b> 879:8,9	794:13
967:11	839:17	978:15	1091:10,12	808:11
991:24,25	968:14,20	979:12	1091:13,15	831:20
992:6,21	980:8	995:11,12	1092:21,22	886:25 887:1
network	1088:18	1040:9,12	1092:22	892:13 904:9
870:12	non-coincident	1041:17	1093:7,7,8,8	904:14,15,25
neutral 986:1	1043:19	1085:8	1093:12,13	905:3 907:18
993:6	1044:10,15	1091:2	1093:15,18	951:1,2,9
1053:18	non-coincide	1092:1,13	1093:19	957:12 999:7
1055:8,11,25	1044:11	1095:16	1094:7,8,8,9	999:20
1071:25	non-heating	1097:12	1094:10,10	1029:20
Nevada 894:13	1019:18	note 782:5	1094:13	1030:25
never 872:24	non-investme	841:8 877:20	1095:23,23	1037:13,18
876:1 898:8	850:17	901:23	1095:24,25	1047:3
956:14	non-regulated	957:19	1096:4,4,5,6	1056:18
1001:22	850:18	968:13	1096:7,10,10	1062:13,17
1007:21,23	865:12	984:19 987:4	1096:20	1065:21,23
new 780:18	937:12	991:11,12,20	number 777:14	1067:20
874:4 947:13	940:24	1081:8	794:5,13	1068:4
947:16	normal 982:22	1083:24	797:7 800:25	1084:3
951:23 989:4	normally	1094:20	806:1,8,11	1097:23
992:4	899:21	<b>noted</b> 784:4	824:18	number's
1026:24	921:21	812:8 869:11	832:21	1005:1
1028:6	Normand	872:1 880:16	868:17	1008:5
<b>NIBT</b> 831:3	976:11,19,23	956:21	886:12,16,20	1068:5
832:5	977:20	979:20 980:7	904:12,13	Numerous
nice 846:22	993:23,25	991:19	913:7,22	818:3
1080:18	994:4 996:8	1042:10	919:4,6,7	
Nicholas	997:4	1083:18	942:21	0
1109:24	1045:13	notes 989:17	943:12,14	<b>object</b> 779:20
1110:1,12	1094:4	1112:12	978:25	804:1,8,10
Nick 1090:19	1096:19	<b>notice</b> 793:16	992:12	806:10 814:6
<b>night</b> 1069:18	1101:17	793:25 795:8	998:25	816:7 896:10
1069:23	1104:15,16	795:9,12,18	1004:22	900:22
nine 790:15,22	1106:13,14	795:19 796:1	1005:3,6	903:12 921:2
791:3 800:24	Normand's	803:21 804:4	1007:3	923:22 928:3
806:8,8 807:9	990:19	851:7 853:25	1011:16	929:1,3
807:24 808:9	1019:14	854:3 927:24	1012:13	966:10
832:10,17	1045:17,21	928:1,2,6	1014:13	968:23,24
858:11	1046:20	1086:11	1015:6,9,10	1034:18
nonproprieta	1047:4,20,23	noticed 867:4	1029:22	1053:3,21
813:19	Nos 774:3	868:9	1057:12	1058:11
nonregulated	776:11,12	<b>noting</b> 794:23	1062:14	1061:25
845:23	803:18 805:2	November	1087:2	1088:23
nonresidential	816:16 849:1	898:13 899:4	1089:23	1095:6
		<u> </u>	<u> </u>	l

objection	949:25	1084:13	off-system	1011:24
775:24 785:2	obligation	1095:4	779:8,25	1016:17
786:12,15	890:4 897:1	<b>offered</b> 803:23	792:23	1018:23
794:17,20,23	obligations	803:24	802:13,14	1019:12
795:1,7,11,16	908:2,13,20	808:20 900:4	805:14 810:4	1022:8
795:17	observed 829:4	900:20 912:1	810:24	1023:22
804:25,25	obvious	912:14 913:8	811:20	1024:23
806:25	1015:25	913:11,15,16	815:13 831:9	1026:3
807:14 814:3	1017:8,11	1095:1,13	887:7,9,17,21	1027:11
833:19	obviously	offering 912:25	<b>oh</b> 919:2,18	1029:18
839:19,20,21	915:5	912:25 923:2	1061:9	1030:17
854:1,2	1029:25	1020:21	okay 787:11	1032:11
896:16	1033:8	1087:3	788:9 790:13	1044:22
900:13 901:9	1048:10	<b>offers</b> 896:6	791:8,17	1045:2,24
901:16,17	1054:16,21	901:15	793:11	1050:7
903:15,20	1062:1	911:25 912:3	796:14	1051:1
914:15,18,25	occasionally	970:18	811:25	1056:10
915:3,7	857:18	office 772:24	816:14	1057:12,16
922:10	occupation	774:18,21	817:16 818:1	1057:18,19
923:24 924:1	885:16,18	782:3 786:24	818:21 824:5	1058:18
929:9 951:12	occur 805:16	817:8 854:5	824:25	1060:16,20
954:3 970:25	1024:2	881:15	829:25 833:3	1060:23
971:4,5,8	1036:6	882:17	839:5 840:16	1062:22
1041:14	1080:20	895:10	842:17	1063:8,18,21
1053:9,21,22	occurred	933:10	884:11 887:4	1066:1,6
1053:24	832:24 937:8	975:12 985:7	890:21	1067:19
1074:10,12	1022:24	987:8 996:4	891:21 894:7	1071:8,12
1089:1,21	1030:16	1021:13	902:13	1072:2,6
1092:11	<b>October</b> 770:8	1040:5	917:18	1073:9,21,23
1094:19	1083:7,8,21	1041:23	927:16,20	1077:4,6
1095:13	1083:21	1112:14	928:5,21	1089:7,20
1097:9	odd 950:22	Officer 772:2	929:13	1091:8
objections	<b>Oetting</b> 771:16	official 793:16	931:21 932:8	1093:6
784:22 785:8	offer 784:14,21	793:25 795:8	937:22,25	1097:10
814:1 879:12	784:23	795:9,12,18	939:13 943:4	Oklahoma
920:23 925:4	803:25 804:2	795:18 796:1	948:1 949:23	873:16
971:10	804:3 813:16	803:21 804:4	949:23	once 863:20
974:22	813:21 846:7	851:7 853:25	951:16,20	869:17
977:25	879:7 900:17	854:3 928:1,2	953:3 954:21	875:19 938:3
978:12 995:9	913:17	928:6	955:15	992:3,3
1041:13	920:11,15,20	1086:11	957:13	1081:12
1067:14	923:22 924:6	officially 987:4	968:11 969:3	ones 1079:22
1087:11	925:1 950:1	<b>offset</b> 822:1	969:15	one's 1076:15
1089:2	971:14	852:15	976:21 998:2	1076:15
1090:23	978:10 979:8	856:19	998:16	one-half
1097:4	979:20	866:15,17	1000:6	831:22
<b>objects</b> 920:24	1041:1,5,11	869:6 925:16	1008:24	<b>OPC</b> 968:17

979:12	904:12	928:19	895:20	785:2,8,13
991:13	905:17	978:21	905:13,18,25	1094:16
1092:1	1016:9	982:12	906:1,12,14	overall 920:16
<b>OPC'S</b> 1109:3	1020:15	1074:15	917:24	990:7 997:17
<b>opening</b> 776:18	operational	<b>oppose</b> 782:20	926:24	1020:15
778:15,22	789:5,6	987:7	927:11,19,25	1021:1
780:17 782:2	operations	1023:12	929:11,15	1030:22
782:4,7,9,11	770:15	1063:22	930:10	1033:1,15
782:15	771:14 774:5	1089:10,25	948:17	1035:24
783:21 784:2	774:12	1089:25	949:11,13	1036:9
793:13 815:8	776:22 848:9	opposed	951:23	1068:10
842:17,20	855:22 857:3	792:10,11	956:22	1071:17,23
848:3 854:12	858:10,12,14	842:13,14	965:24 966:4	1072:11,16
854:13 864:5	858:16,21,22	987:16	966:6,10,17	1073:1
865:21 871:1	859:16,18,19	opposing	966:19,25	overcollection
876:12 877:8	859:25 860:1	986:14,16	967:1 976:14	824:4,7
877:11 911:3	860:18,20	opposition	978:3 985:4	overearning
928:10 934:6	861:17,24,25	968:16	1023:15	783:1
935:2 944:22	865:20	980:11	1084:18	overlooked
977:23 980:3	872:10	<b>option</b> 849:3	ordered 781:9	919:1 924:23
982:5 985:6	907:23,25	884:16 892:2	926:1 944:5	991:21
986:9,11,12	908:8,10,12	892:6 911:8	1024:6,10	overnight
986:25	908:20,23	912:7 913:12	original 943:6	870:5 875:19
1094:25	909:3 965:25	options 818:8	964:20	overrule
1095:8	<b>opinion</b> 788:16	818:15 821:4	1027:25	804:25
1100:3,3,4,15	796:21	846:4 912:2,4	originated	900:12 901:8
1100:15,16	797:14	order 779:24	899:10	901:17
1100:16,17	798:11	780:24	Osawatomie	923:25 929:8
1101:13,13	801:25	781:17,18	894:24	971:9 1053:8
1101:14,14	804:19	797:12 813:1	ought 1000:4	Overruled
1101:15,15	820:18 821:7	822:5 838:15	outcome	1034:24
openings	862:8,17	840:4,19	818:24	oversee 790:7
933:22	921:1,18	844:14	835:24	oversees
<b>operate</b> 874:15	922:3,5	846:12 847:7	outline 987:22	800:21
914:22	923:23	847:11	outlined 989:8	oversight
915:10	937:15	849:16 850:7	990:19	801:17
operated	942:13	851:8,9	1045:20	over-collection
857:17	949:10 981:1	855:23	output 885:20	836:3,5
861:19	1000:21	861:11	907:25	over-contrib
operates 884:4	1021:21	865:25 869:8	908:25	1080:14
operating	1036:19	869:17,19	outside 817:2	over-reliance
858:18	opinions	870:25	846:20 874:8	848:13
887:16	921:22	871:17 872:6	914:21	owned 845:22
888:10	opportunity	872:21	915:11	883:22
917:23	786:9 789:16	873:25 875:6	956:15,19	907:14
operation	842:24,25	877:20,23	957:1	owner's
855:1 885:4	862:3,5 896:7	880:18	outstanding	1027:25
L	l	l	l	1

owns 909:22	999:14,16	1045:22	922:13	967:5,22
910:4,8,10,12	1000:7	1066:21	928:24 980:6	968:1 969:8
o'clock 967:25	1003:4	1067:1,2	992:2	976:13,25
<b>O'Keefe</b> 771:16	1004:6	1069:23,24	1006:14	977:4,9
	1008:18	1070:2,4,13	1012:15	978:13,22
P	1009:14,18	1070:15	1046:25	980:12
<b>P</b> 1093:22	1009:23	1083:16	1052:8	1048:12,16
1104:1,7,9,11	1010:5	paid 845:13,17	1067:8	1048:22
1105:2,3,5,23	1011:22	853:19	1071:24	1049:3,8
1106:5,7,9,21	1012:20,24	884:24 909:5	1075:3	1065:10
1106:22,24	1013:24	909:6 935:10	1086:12	1087:6
pack 911:4	1017:7	935:16,19,23	partially 998:5	1089:25
<b>packed</b> 875:23	1019:4	937:2 965:11	998:7	1098:5,8
page 787:12,22	1020:10	paper 1058:5	participate	parts 785:8
790:13	1029:17	1068:15	1040:11	878:23
791:25	1031:14,19	papers 1051:4	participated	party 786:11
793:21,22	1043:6,8,22	1051:6	817:12	846:10
809:24 810:8	1043:24	1052:2	1041:12	868:24
810:15	1044:5	1067:2,8	particular	872:13
811:14 820:7	1050:4	1075:9	783:6 797:7	940:22
820:12	1051:6	1076:24	806:15 807:2	941:18
821:11,13,17	1060:19,21	1111:8	830:13 850:8	1088:22
829:5,9,13,16	1061:14	paradigm	851:8 897:21	passed 777:1
831:2,19	1062:21	828:2	901:1 905:1	846:12 934:7
832:16 833:4	1063:19,21	paragraph	912:12 917:2	934:9
850:9,9,10	1065:9,10,11	809:24,25	917:22 918:5	pass-as-you-go
886:3 889:14	1068:21	927:21	965:8 968:3	888:5
891:1,21	1071:5	928:15	987:10	patently 783:8
892:1,5	1072:4	929:17	1036:3	<b>Paul</b> 976:19
898:19,22	1073:20,21	Parallel	1042:21	977:20
901:7 902:3	1073:22	1083:22	1054:4	993:22,25
902:16 906:1	1076:15,25	<b>pardon</b> 777:20	particularly	994:4 1094:4
906:21,22,23	1077:3,4,6	992:6	1001:18	1096:19
918:6,11	1083:4,5,6,9	1020:14	1019:19	1101:17
919:4 924:24	1083:18,19	1034:3	1035:8	1104:15,16
927:16,20	1083:23,25	<b>paren</b> 1006:9	particulars	1106:13,14
940:11 943:4	1108:17	part 828:25	1016:19	pay 826:16
948:18	pages 781:1	835:13	parties 775:25	827:8,12
949:25	793:21 828:7	859:23 860:2	776:3,14	850:4 852:5
950:13,15,18	850:7 851:8	864:5 865:21	784:22 789:1	863:12,15
951:10,15	917:2,12	869:11,22	789:5,15	864:3 867:7
953:3,11	918:20	871:1 872:19	825:1 838:10	870:11,22
956:3 971:2,3	936:14	873:10	838:15,17,22	873:24
973:11 974:5	943:20	885:25	839:9 840:18	875:12,18
974:8 997:8,8	957:21	899:25	841:9,15	876:2 888:8
998:20	982:21	913:19	843:2 856:25	889:11
999:12,12,13	1000:5	917:24	871:12 924:7	907:24 908:3
	l	1	l	

T				
908:9,24	1088:1	1061:2,16,24	permission	801:12
935:20	1094:21	1064:11,13	987:21	846:22
941:14 942:7	Pennsylvania	1068:19,22	1005:15	911:22
982:24	994:5	1068:25	person 899:1	956:25
983:13,14	Penntower	1069:3,5	970:4 984:17	1112:9,13
988:5 989:2,2	772:2	1075:1,24	personal	placed 821:3
989:14	people 976:7	1077:24	798:11	945:15
990:14 992:9	976:14,15	1080:1,9	personally	places 956:24
992:9	1087:20	1084:1,2	830:9 1112:7	Plains 845:16
1033:15	percent 776:24	percentage	perspective	845:22
1052:22,23	776:25,25	783:14 989:1	938:6 969:12	848:10,23
1061:3	777:2,8 783:5	1009:20	981:13,17	849:24
paying 827:17	783:8 791:10	1030:18	985:15	850:13
827:21 828:2	797:4,10,15	1050:10	1086:21	851:23 852:2
870:16	797:24 798:6	1068:18	pervasive	852:5 853:10
983:20	798:13	1069:2	843:6	855:6,9,11,14
990:10	801:22,23,25	Percentages	<b>Peterson</b> 772:1	855:20 857:1
1046:8,9	802:10,16,16	1075:7	921:15	857:6 860:1
1071:11,12	803:3 804:21	percent/5 797:4	phase-in	860:12
payment	805:20,21	perfect 863:8	1032:21	862:23 863:3
888:19	808:4,5,7	perfectly	phenomena	863:6,10,12
payments	819:21,22	866:24 991:4	983:24	863:15,21,23
889:3 909:4	820:2 823:3,4	performed	Phillips	863:25 864:3
pays 827:20	823:16 824:3	797:20	1090:19	867:7 868:3
888:4 909:3	825:25 826:6	1045:10	1109:25	869:13
931:13,17	826:6,23	performing	1110:2,13	871:11,24
965:20	831:7 832:4,6	781:2 997:15	phrased	872:1,11,14
peak 887:13	832:7 836:2,5	period 790:25	1053:24	872:18 873:6
889:19,22,25	837:8 982:17	791:5,9,18,21	physical	876:5 935:3
890:6,9,14	984:8,11,13	793:4 805:8,9	885:16,18	935:11 936:9
1042:3,9,11	992:14,17,18	805:11 818:2	physically	936:24 937:2
1043:5,9,17	992:19,22	819:13	965:13	939:1 940:1,3
1044:9,15	993:1,2	828:21 829:3	Piatt 859:7	940:6,20
1045:11	1003:20	831:10,10,14	picked 788:3	941:8 942:18
peaker 890:8	1003:20	831:17	picking 798:2	943:6
peaking 857:17	1005:2	832:17 836:3	piece 938:11	plan 830:2
886:1 887:10	1013:15	836:19 862:6	941:15 974:6	861:8,13,14
peaks 1043:14	1022:4	862:23 935:4	pieces 800:13	888:10
1043:18,21	1030:11,15	periods 790:16	973:10 974:4	1027:14
1044:6,10,11	1030:20,20	790:20,22	978:6,11	1038:16
1044:15,17	1030:20,20	791:3 805:24	1094:6	<b>planned</b> 838:16
Peculiar	1031:1,3,7,15	805:25 806:7	<b>pipeline</b> 965:19	planning
910:24	1031:1,5,7,13	807:8,24	pipelines	803:25
pellet 989:13	1032:5,10,12	808:9 831:20	965:15	829:18
pencil 953:24	1032:3,10,12	831:20	place 783:15	841:18
pending 785:13	1033:1	832:10,17	792:11	955:14,17,19
1087:21,24	1052:4	835:6,6,8	800:19	1027:12
1007.21,21	1002.1	0.00.0,0,0	000.17	1027.12
L				

	_	_		_
1051:2	956:13 971:4	867:10	807:18	991:13,14,22
plant 829:23,25	1016:4	886:13	portfolio 891:6	1022:10
830:5,5,7,10	plant's 885:23	891:14,16,17	894:5,18	1028:3
830:13,22,23	946:24	896:10 901:5	911:17,22	positions
843:5,11,13	<b>play</b> 801:4	906:16 923:3	913:19	856:25
843:19,20	<b>please</b> 776:20	939:24	<b>portion</b> 787:24	possession
844:10,15	778:18	943:19	788:10	862:24
846:3,6	782:18 798:5	957:19 984:3	791:17	possibility
847:24	809:9 814:13	991:21	793:17	1016:1,13,16
848:14,15	831:1 848:6	1002:8	794:18	possible 778:24
855:10,14,15	882:3 883:7	1006:5	802:13	800:16,17,22
860:24 861:1	897:17 908:5	1017:4	809:22	801:3,10,13
867:13 877:3	927:22	1022:23	811:13	803:1 817:18
883:22 884:4	933:17	1036:23	821:10	817:22
884:11,17,21	940:11	1055:1	829:16	818:24 819:7
885:21 886:1	966:11	1083:2	916:24	possibly 778:24
887:7,12,24	969:23 970:2	1087:1	927:18	807:4
888:11,13,16	972:23	1088:24	990:15	<b>post</b> 1006:14
888:20 889:4	973:15 980:4	<b>pointed</b> 902:19	1006:25	1040:5
889:9,15	982:7 985:9	1065:25	1108:23	<b>potable</b> 846:24
890:8 891:2	994:2	1076:13	portions	potential
891:23 893:9	1002:13	pointing	794:24	1063:23
905:18 908:1	1008:3	897:22	829:12	1064:5,10,20
908:11 913:9	1018:14	902:18	919:24 970:5	potentially
913:10,11,15	1039:14,19	1012:18	970:15	1019:21
915:16	1040:3	<b>points</b> 818:9,16	<b>position</b> 780:12	1027:1
930:19,21	1056:12	847:15	780:17,20	1054:3
931:7,8	1082:8	855:25 862:1	782:6,22	<b>power</b> 770:12
938:17	<b>plenty</b> 982:1	872:21 873:5	784:2 790:5	771:14 774:5
941:16	<b>plus</b> 1020:14	1070:3	814:6,8,9,15	774:11
943:17	<b>PMN</b> 999:11	policies 789:7	815:2,24	777:24 779:7
944:11,13	<b>PMN-3</b> 999:11	<b>policy</b> 860:17	836:15,16	779:25 780:8
945:2,4 946:7	999:13	889:24 890:5	843:2,19,22	783:2,5 790:6
946:9,22,23	1000:7	890:18 979:4	867:16 871:6	790:8,11
947:7 948:9	<b>podium</b> 933:16	988:16	871:13	792:22
948:21	<b>point</b> 780:2	993:14	876:22	797:17 798:8
951:24 952:4	784:24	1019:25	877:11	798:17,22,24
952:4,8,9,12	788:23	1021:4	929:13,22,25	799:2 800:13
953:1,6,22	791:13	1073:15	930:11	801:24
954:1,13,23	801:11	policymaker	935:19 944:1	805:14 810:2
956:15,25	802:21	1038:2	944:2,3	810:18,22
964:23	804:16	<b>Pool</b> 858:3	947:24 948:3	815:12
966:23	806:12	907:24 908:2	948:4 956:14	817:19,24
967:12	835:14 847:2	908:9,12,21	965:22 966:3	819:2 820:10
980:24	847:13	908:24 909:4	981:18	821:4 823:1
<b>plants</b> 874:16	856:17 858:3	931:15,19	983:23 987:8	825:3,18
884:8 893:14	861:15	<b>poor</b> 782:23	987:23	826:11 827:5
	<u> </u>	<u> </u>	l	I

828:6,13	838:2	1067:6	777:15	937:6,8 938:1
829:6 830:18	Praxair 772:5	1082:16	805:23,25	938:7 939:22
831:9 835:8	775:3 839:17	preparing	806:7 846:12	Pricewaterho
835:16	975:7	1052:8	896:24	845:14
847:22	predicated	<b>present</b> 784:14	945:10	937:14
848:13,19	793:9	828:13	949:11 971:4	Pricewaterho
849:5 858:3	predominating	862:11 907:4	1078:5	938:5
861:2,2,4,7,9	816:5	907:8,12	previously	<b>pricing</b> 1021:1
870:7 873:13	<b>prefer</b> 783:16	912:5 944:25	784:10 787:9	1029:5
873:21,25	798:12	991:7,7	812:18 857:7	1033:23,24
878:14,18	801:23	1030:9	873:11	1033:24
885:5 887:14	997:14	1086:19	875:15 891:7	1034:9
907:14,15,16	1048:24	1088:3,5	1082:21	primarily
907:24 908:1	preference	1112:7	<b>price</b> 778:2	890:10 965:2
908:2,9,11,12	796:3 838:10	presentation	800:12,14,20	989:12
908:21,24	838:12,13	946:4	801:8,10,15	principal
909:4 910:15	967:23	1110:20	821:25 822:1	994:10
930:19,21	1048:15,22	presented	828:18,24	principles
931:14,19	1049:8	780:11 803:5	829:1 837:1,1	844:1 845:18
934:13	1089:17	869:12 871:3	867:12	1038:25
940:25	prefiled 780:13	871:16 878:1	887:14 930:6	<b>print</b> 803:13
941:16	784:15	930:8 980:19	936:17	printed 1077:5
943:17	803:24	999:22	937:10	<b>prior</b> 804:5
944:11	812:24	1030:1	939:21	805:10
956:13,15,25	916:20 918:3	1033:22	948:24 949:1	832:21
981:14,21	918:17	1034:2	964:19,20	847:18
985:21	919:12 970:9	1046:2,15	1030:3	850:16,20
1016:9	1092:5,9,19	1079:17	1034:5,14	861:5 877:1
1019:12	prejudiced	presenting	<b>priced</b> 930:1	883:5 888:23
1022:6	941:14	781:20	987:25	893:7 929:15
1047:1	preliminary	preserve	988:12	1054:21
1048:1	775:18	861:17	989:23	priorities
1072:3	935:24 939:3	1094:23	990:13,15	989:19
powered 948:6	940:1,23	Presiding	1035:2	privilege 833:5
PowerPoint	premise	770:18	<b>prices</b> 778:1	833:8,13
845:25	1023:22,23	press 1048:17	792:19 793:6	834:17,19
1110:20	1026:21,22	presume	793:8 798:22	<b>pro</b> 939:2,4
practices 798:9	1026:24	899:19	798:24 800:6	probably
798:18	preparation	presumed	800:9 801:5,6	787:13
801:16 819:2	1040:11	845:3	823:9,14,17	818:19
820:11 821:3	prepare 816:1	<b>pretty</b> 846:15	823:23,24	846:22
822:7,10,24	816:12	876:24	824:9 828:20	875:21
823:11,20,23	984:20	990:21	829:6,6	880:18
824:10,14,23	1040:8,14	1017:18	837:11,12	887:19 902:9
828:13	prepared 825:7	<b>prevent</b> 824:11	988:5	923:16 976:9
836:25	916:20	981:14	1020:17	976:11
837:14,19	1066:24	previous	Pricewaterho	984:17 985:4

1009:21	940:21	858:19	1020:19	786:15
1039:17	process 777:10	860:25	proposal 777:3	819:21
1053:16	801:12	programs	777:4 787:15	824:21
1091:4	841:23	1020:22	791:20 806:6	837:19 838:1
1097:22	899:25	progress	820:1 822:21	998:23,23
problem	911:21	1027:10	824:17 826:5	999:1
786:13,16	912:14 923:6	prohibition	826:9 827:11	1017:22,23
800:1 860:12	936:10 937:3	887:8	827:16 832:3	1030:17
862:7 878:2,4	942:20,22	prohibitive	832:20 836:9	1031:12,20
952:18	943:1	875:24	837:7 981:20	1036:17
976:16	Processing	project 899:5	991:15	1084:18
991:17	775:4 839:18	1016:8	1003:13,15	proposes
1018:19	procure 783:2	projection	1003:20,22	776:23
1029:2	797:16	965:2	1003:24	proposing
1030:3	procurement	projections	1004:14	779:17
1032:16	777:10 780:8	925:23 955:7	1006:3	1059:3
problems	790:10 798:9	965:5	1007:19	<b>protect</b> 855:19
848:12,12	799:2 801:16	prolongs	1008:7,12,14	865:11 867:1
863:8 1027:4	822:24	991:15	1008:21	prove 822:9,13
1029:1	823:11,20	promote	1009:3,15	<b>provide</b> 779:11
1039:1	824:10,13,22	989:20	1010:21,23	779:24 780:6
1088:9	825:4 836:25	1037:4	1013:9,9,10	780:14,24
procedural	837:14,19	promoting	1013:10,15	795:2 824:21
1048:7	838:1	988:9	1017:8	856:1 857:19
1097:17	<b>produce</b> 1080:3	prompted	1022:3,9	860:15
<b>proceed</b> 776:15	produced	804:6	1023:3	865:17 874:3
776:17 954:3	905:22	<b>proof</b> 822:6	1030:14,14	898:24
968:9 978:1	produces	propane	1030:23	899:10,19,21
1002:16	1047:16	989:13	1032:4,14	899:23 913:3
1039:11	producing	<b>proper</b> 798:10	1034:16	921:9 932:3
1048:20	990:12	801:20 804:7	1053:12	934:13
1095:18	<b>product</b> 800:12	814:10	1056:1	954:17 955:2
proceeding	889:23	853:20	1061:19,23	955:22
789:12,15	1035:2	923:23	1061:24	991:17
920:13 980:2	production	943:16	1062:1	1054:5
989:25	844:20,22	1029:5	proposals	provided
1015:17,19	980:24	properties	837:16	895:22,23
1028:20	1042:3,7	939:19	1022:25	896:5 897:16
1048:11	professional	property	1023:1	898:5,6,20,25
1054:16,23	922:4,6 971:7	864:20 865:2	1038:9	899:1,11,15
1082:17	<b>proffer</b> 794:17	935:21	1055:10,24	899:17,20
proceedings	795:8	941:15	propose 849:8	900:1 901:3
770:6 892:17	<b>profile</b> 1035:9	942:24	1032:7	919:22
921:25	<b>profit</b> 867:2	964:17	1037:7	925:22
1015:20	profitable	973:14,21	1061:20	926:17,17
1112:8,11	872:22 873:3	1023:17	proposed 777:5	937:5 953:19
proceeds	<b>profits</b> 858:18	proportional	777:12	954:11,22
	<u> </u>	<u> </u>	<u> </u>	· 

1045:25	854:9 864:22	828:6,12	967:9 976:12	929:4 941:25
1062:4	881:15	829:6 831:8	977:8	946:17
provides 780:4	882:17	835:8,16	1015:15,17	953:19 954:5
789:9	883:24 885:3	848:13,18	1026:18	954:6,10,10
1033:14	895:10	849:5 859:5	1027:12	954:14,17
providing	902:14,20	859:24 860:1	1048:15	957:6 966:10
899:3 922:17	933:10 943:8	861:2,4	1074:8,15	966:13 990:3
939:4 981:15	945:16	907:16	1086:25	996:20,21
1033:10	969:12	964:19,20	1088:10	997:21
provision	975:12 985:7	purchaser	<b>puts</b> 794:19	1012:17
891:17	985:18 986:2	947:2	putting	1014:20
1026:16	987:8 996:4	purchases	1016:17	1015:7
provisions	1021:13	821:4 867:16	1088:8	1033:21
885:10	1041:23	purchasing	<b>P.C</b> 772:14	1036:12,15
proxy 851:24	1073:15	790:11	<b>p.m</b> 1098:14	1036:22
853:12	1085:21	800:23 862:4	<b>P.O</b> 772:22	1048:8
865:25	1091:18	purports	773:2	1053:9,22,23
935:24 936:4	1092:23	921:22		1053:24
936:8,12,16	<b>pull</b> 897:9	<b>purpose</b> 817:16	Q	1054:4
936:20	<b>pulled</b> 942:21	818:22 939:4	qualifications	1055:4
938:19 939:1	<b>pulling</b> 897:11	1076:14	923:22	1058:12
939:2 940:5	pump 988:25	purposes	qualify 1027:2	1062:3,6
940:15 941:5	<b>pumped</b> 858:21	851:13	quandaries	1064:15,24
942:18	punish 822:23	874:24	862:22	1069:19
prudence	purchase 821:5	890:18	question	1073:24
777:11 781:2	856:20	922:18	789:22 790:4	1080:23
800:15,21,25	930:12 935:3	955:14,17,20	792:1 797:22	1082:18
801:1 817:13	935:4 936:17	1051:2	797:23	1088:14
820:19,23	937:10 939:3	1082:17	804:19 805:5	questioning
851:4 862:10	939:19,21	1089:13	806:24	819:8 834:16
934:12	purchased	pursuant 888:9	807:13,16,21	862:10 954:3
prudent 781:8	777:24 779:6	921:23	812:16,21	questions
801:2 817:25	779:25 780:8	<b>pursue</b> 862:11	815:6 818:10	786:25
819:1 823:11	783:2,5	pursuing	818:14	787:11
845:3 849:15	792:22	781:19	819:10	796:10,14
866:10 934:1	797:17 798:7	<b>put</b> 777:21	823:17	799:8,14,16
prudently	798:17,22,24	794:3 800:19	836:16,18	799:22 804:6
792:5 818:23	799:2 800:13	802:23	838:14 840:2	804:17 805:8
<b>public</b> 770:2	801:24	830:16	848:16	812:9 816:25
772:21,24,25	805:14 810:2	844:16	851:25 852:4	817:5,7 828:5
773:5 774:19	810:18,22	845:21	852:12	828:11
774:21,21	815:12	846:25 848:1	862:17	830:21
782:3,5	817:19,24	869:17,18	878:16	833:24 834:1
786:24	819:2 820:10	873:15,15	892:21,25	834:9,11
794:11,14	823:1 825:3	926:2 931:9	898:3 899:12	835:3,5
809:14 817:8	825:17	945:9,16	906:23	836:14
817:13 854:5	826:11 827:5	956:13,15,19	908:17 915:4	879:21,24
	I	l	<u> </u>	l

				1
880:2,4,6,7,9	1048:4	869:4,12	rank 905:16	981:12
880:10,14	1054:10	870:19 872:1	rankings	982:12 983:4
881:7,9,12,14	1069:8	872:3 873:8	905:24 906:8	983:11,13,14
881:17,19,21	1077:12,13	1027:4	rapidly 863:16	983:16,22
881:22,23	1077:17	quoted 788:14	rate 770:13,16	984:5,21,23
882:10,12,14	1081:16,17	821:10	774:4 776:1	984:25
882:16,19,21	1081:19,21	829:16	776:15 780:5	985:11,25
882:23,24	1084:5,21,23	<b>quotes</b> 867:20	780:18	986:3 987:6,9
883:1,2	1084:25	<b>quoting</b> 821:18	781:24	987:15,25
893:16 895:3	1090:7		788:19	988:8,9,12,22
895:12 909:7	question's	R	789:11,14	989:6,7,11,25
909:8,9,12,14	790:14	<b>R</b> 772:21	790:8 802:2	990:7,8,12,20
911:20	quick 1037:19	1094:4	803:5,8 804:5	991:2,19
914:11,13,20	1069:19	1104:13	806:4 811:6	992:16,23,24
915:1,23	quicker	1106:11	819:4,25	993:7,11
924:12,15	1081:12	1112:2	828:22 829:4	994:12,13
928:19 932:9	quickly 984:1	Raccoon	829:7 833:12	998:23
932:10	1067:20	949:10	838:18 839:6	1000:2,10,22
933:12 964:5	1092:19	<b>Racoon</b> 846:14	840:6 841:22	1000:23
965:22	quite 778:23	852:9,10	842:1,5 843:4	1002:19,19
967:17	842:11	853:16 859:7	843:12	1003:10
971:18,21,23	876:10	867:5,16,23	845:16	1004:19
971:24 972:1	1020:6,17	868:1,2,5,7	848:21 849:1	1007:14
972:3,4,6,9	1023:5,6,16	868:10	849:10,15	1008:14
972:11	1024:4	874:22,24	850:22,22	1014:18
974:11,12	1027:9	930:5,12,18	851:3,5,14	1015:16,18
975:13,15,17	1028:13	943:18	852:15,25	1015:21,23
975:19,20,22	1029:1	946:15	856:19 857:8	1016:12,25
975:24 977:5	1035:4	949:13,17	864:12	1019:23,23
977:7 984:17	1044:13	967:7	866:12,13,15	1020:15,19
987:24	1046:21	ragged 855:21	866:18 869:6	1021:22,23
988:14	1048:2	934:7,9	869:21	1021:24
994:21	1053:10,13	raise 859:15	875:18 877:6	1022:18
995:18,24	1076:18	866:21	887:24 892:7	1026:23
996:2 1001:7	1079:21	969:23	899:22	1027:5,15,15
1001:9,11,15	<b>quote</b> 787:24	1033:2	904:11,17	1028:1,6
1018:4,18	787:25	1039:19	909:2 925:17	1029:25
1019:7	815:16	raised 804:9	930:15,16	1030:13,16
1021:11,15	821:19,20	845:4 866:22	931:11 934:1	1030:18
1024:19,20	830:16,17	866:22	934:11,16,18	1031:13,14
1024:22,24	837:15 850:3	914:13	938:4,12,13	1031:21,21
1026:5	850:5 860:17	982:10	945:16	1032:4,6,18
1029:7	862:8,9,16,17	<b>Ralph</b> 894:13	951:12	1032:19
1033:17	862:19,19	Ralston's	965:25	1033:1,13,14
1034:20	864:11,16,19	888:22	968:15 976:3	1034:9
1040:22	865:4 867:6	ran 886:4	977:18 979:5	1035:20
1041:25	867:11,18	range 1046:23	980:9 981:10	1036:2,9
	l	<u> </u>	ı l	

1037:4,6,7	rates 777:1	1051:22	997:25	reason 844:17
1046:6,7	782:23,24,24	1052:5,6,22	1006:16	855:5 893:6
1050:20	783:7 801:24	1052:25	1019:5,8	905:6,7 992:7
1052:24	805:15	1053:12,13	1054:15,18	1001:23
1055:18	825:18,22	1055:14,17	1054:19	1028:12
1057:9,14,14	826:14	1055:22	1083:19,20	1061:20,22
1057:19,24	843:14	1056:8,14,19	1093:5	1061:23
1057:24	850:15	1057:4,6,10	reading 994:5	1074:5
1058:3,10,13	851:13 877:3	1057:17,20	1015:5	1075:3
1060:4	904:1,22	1058:19,20	1050:8	reasonable
1061:18	905:1,4	1058:25,25	1055:19	850:4 870:18
1063:22,23	929:24 931:9	1059:8,9	readjustment	906:17 922:4
1064:5,10,20	945:17 967:9	1063:7	777:20	922:5 971:7
1067:3	981:15	1071:23	reads 1083:10	986:21
1071:14,21	982:13,17	1072:14,15	ready 815:21	987:10
1071:22	983:25 984:6	1072:16,25	877:15 916:7	1078:13,16
1072:1,7,16	984:12	1073:1	950:5 972:16	1080:18
1073:15,25	986:21 988:1	1075:1,4	993:20	reasonably
1075:2,19	988:2,5,14,17	1077:1	real 935:15	1000:23
1076:6,7	988:18,19,20	1079:18,25	realize 849:22	1021:23,24
1077:8,24	988:23 989:2	1080:1,3	981:22	reasoning
1078:5	989:3,9,18,21	rating 850:18	realized	821:24
1080:7,8,24	989:23,25	rationales	1083:15	reasons 777:15
1085:3	990:2,10,11	852:13	really 777:22	780:12 820:8
1101:12	990:11,13,15	rbartels@ba	800:21	reassign
1109:6	991:9,13,23	771:21	822:23,23,25	1053:12
ratemaking	991:25 992:4	reach 874:14	823:9,20	rebuttal 781:25
922:18	992:7,18,20	875:21	824:13	784:12
945:15,19	992:25 993:6	947:21 948:1	836:25	787:13,22
993:13	993:8,15,19	reached 875:22	837:13	790:14
ratepayer	998:22,23,24	891:16	847:13	796:19 804:7
866:21	999:1	937:14	880:23 905:2	811:25
ratepayers	1007:11	1078:23	925:21	813:17,19
783:4 798:12	1008:11	reaching	934:20,21	814:3 828:7,9
843:9 844:15	1009:6,10	921:22 938:1	942:6 987:24	829:12
844:25	1013:5,11	949:16	989:7,9,18	840:23
847:23	1017:22	reaction 1033:7	991:9	878:17,21
850:17 852:1	1021:2,3,9	read 781:4	1020:18	886:3 917:8
862:18 863:4	1024:8	796:22	1021:4	918:4 919:23
863:12,15,22	1027:18	809:25 810:4	1023:18	920:4 940:10
863:24 864:1	1028:20,24	810:10,15	1029:4	940:12 943:5
865:12,20	1033:13,18	811:15	1033:9	950:18 951:6
867:2 869:25	1035:1,5,13	820:22,25	1043:20	951:8 970:10
870:3 915:20	1036:1,1	833:10	1049:7,15	971:1 978:7,9
934:8,9,14	1038:8,16,18	927:14,21	1059:12,15	978:23,25
944:12	1051:13,15	928:14,20	1059:21	979:8,17
956:18 957:2	1051:15,18	951:25 954:8	1063:2	994:12,15,16
	ĺ			1

1017:7	870:23	900:14	1087:22	781:12 820:5
1040:14	880:20 886:4	901:10,21	1097:19	945:7 981:4
1041:3	886:11,12,15	924:4 925:6	recommend	1013:19
1045:22,24	888:18,22,24	971:13	948:10,12	1017:14
1071:6	889:2,3,6,7	974:25	987:12	1019:16
1072:3	889:10,11,13	978:16	1053:18	1055:8,12
1073:19	889:16,24	979:13,24	1058:9	recommending
1082:17	892:3,7,10	995:12	1060:2	778:25 779:3
1083:9,12,22	898:9,15,18	1041:18	recommenda	780:23
1083:23	899:3,4,6	1067:16	779:2,20	1052:19
1091:11,14	909:23	1079:9	781:16,19	1057:21
1092:22	911:19	1085:9,14	783:18	1058:7
1093:7,8,10	926:23 927:1	1091:3	788:24	1063:6
1093:12,14	955:13,13,16	1092:2,14	797:11 802:3	1075:17
1093:15,18	964:4 965:21	1095:17	820:6 830:8,9	recommends
1093:19,22	966:15	1097:13	830:12,16	810:15,20
1093:24	1019:9	1103:1	981:19 984:4	811:15
1094:1,3,5,8	1026:5	receives 910:14	984:11 993:4	982:11
1094:10,12	1036:14,24	receiving	1022:12	985:18
1094:14,15	1037:15	812:24	1023:12,13	1012:6
1095:23,24	1055:7	813:22 964:4	1050:11,16	1055:16,20
1095:25	1056:4,7	recess 775:25	1050:17,19	1056:7
1096:2,3,4,6	1070:25	776:4,4,8,9	1052:17,19	1059:14
1096:8,9,11	1075:10	recite 864:7	1054:1,4	reconnect
1096:15,16	1078:20	recited 1095:14	1058:6,7	893:20
1096:17,20	1079:9,15	recognize	1059:10,16	reconsider
1096:21,22	1081:1	796:24 862:7	1059:24	851:21
1096:24,25	recalling	863:10 871:7	1063:4,9	871:22
1103:7,13,16	908:14	871:9,11	1071:25	872:16,17
1103:20,24	recalls 784:5	recognized	1073:25	931:5 944:14
1104:5,9,16	receipt 935:10	856:18 857:8	1074:4	Reconsiderat
1104:20,24	935:12	861:11	1078:3,9,11	869:19
1105:3,7,11	receive 779:6	869:10	1078:12,23	reconsidering
1105:12,15	802:10	recognizes	1079:3	850:21
1105:19	808:19	996:13	1080:11,18	reconvening
1106:3,7,14	810:18,22	Recognizing	recommenda	1097:21
1106:18,22	815:12	857:5 872:23	781:22	record 775:23
1107:1,12	823:12,22	recollection	806:21 830:6	776:7,9,13,14
1108:3,4,6,8	836:6 840:23	882:5 886:19	987:9 993:5	794:3 796:3,5
1108:9	875:25	892:16,22	993:10	796:7 803:12
1109:8,14,16	received	916:11	1052:9	805:1 807:21
1110:5,16,25	792:12,16	923:12	1053:11	808:22,23
1111:5,11	805:2 808:24	1044:16	1054:2,11,17	809:10
recall 785:25	812:18	1047:14	1054:20	812:22
821:1 828:7	816:17	1074:16	1056:3,4,6,9	816:15
834:20 837:3	833:21	1079:24	1060:10	831:13
837:20 843:4	879:16	1080:24	recommended	833:20
	l	1		l

840:20 841:2	recovery	1004:23	reflects 903:18	1034:21,21
841:5,7,16	802:10 850:2	1008:13,25	925:2	1070:14
853:7 878:11	874:20	1012:3	<b>refresh</b> 886:19	regardless
879:13	recross 789:25	1014:4	892:16,22	832:25
880:13,23	red 874:18	1017:6	916:11	862:21
886:10,15	redirect 789:24	1060:17	1087:21	region 989:7
887:2,5	789:25	reference	refund 822:17	register 988:25
900:23	793:18 795:1	793:13	<b>refunds</b> 777:13	regular 901:19
901:18 903:1	799:17 800:3	796:20 813:1	refusal 856:6	regulated
915:7 916:6	800:4 834:12	829:13 859:9	860:15	779:17 780:4
921:20 924:2	834:14 838:6	897:12	<b>refuse</b> 864:1	802:6 855:12
925:1 927:22	909:15,19	906:21	<b>refused</b> 860:23	857:3 858:10
928:15 956:2	914:7 915:24	914:11	861:14,23	858:11,21
970:19	964:1,3	923:11	<b>refuses</b> 863:10	859:15
972:22	1001:12,14	1004:2	refute 990:24	860:18,24
974:23	1024:25	1006:12	regard 777:10	861:23
977:11,14,22	1026:1	referenced	794:15	865:10,20
979:11,22	1039:4	1022:10,11	800:10 815:7	872:9 873:3
980:1,8,13	1077:18,21	references	853:18 965:8	913:1,19
987:5 994:3	1100:8,12,24	936:8	997:14	937:11 947:6
995:10	1101:5,19,22	referred 787:7	1015:18	947:11,12,13
1002:9	1102:6	796:4 820:9	1024:3	regulation
1039:11,15	redo 816:6	907:3 955:8,9	1027:6,21	1017:1
1041:16	1038:5	referring	regarded	regulations
1046:4	reduce 779:24	788:10,17	941:13	790:9 833:11
1049:3,5	998:3,6,6,7	795:13 828:6	regarding	regulatory
1051:3	1010:22,24	955:14	787:11	770:19 774:6
1067:15	<b>reduced</b> 967:13	999:11	836:15	790:7 899:23
1074:15	989:2 1006:8	1006:6	839:17	1038:16
1082:9	<b>reduces</b> 1006:3	1009:13	841:21 850:8	rehearing
1086:13	1010:24	1010:19	850:9,11	869:8 872:21
1091:1,25	reducing	refers 1052:13	851:2 865:9	927:2,4
1092:12	1006:19,21	reflect 876:8	874:2 916:20	reintroducing
1095:15	1007:17	903:11	917:22	1020:22
1097:11,15	1019:21	907:17	919:23,24	<b>reject</b> 797:1
1098:3,12	reduction	919:10	920:1 927:17	820:6
records 888:15	791:11 857:8	999:23	929:22 964:5	rejected 777:6
902:24	1021:2	reflected	964:10	777:12 820:2
recover 837:7	1022:5	779:11	965:22	822:18
850:15,24	redundant	791:15 815:9	968:15	849:11 871:6
851:19	928:3	899:14	970:15 971:6	874:20
875:11	Reed 771:20	929:24	980:8	rejects 1088:11
1035:14	775:11	934:10	1001:16	<b>relate</b> 1078:19
recoverable	979:16	1044:1	1017:3	1086:1
843:12	refer 790:13,15	reflective	1022:25	related 776:2
recovered	833:12 956:3	930:21	1027:17	776:18 779:9
832:11	996:12 997:7	931:10,11	1028:15	811:1,21

815:15 821:2	922:10	860:5 861:22	770:23	897:4,9,25
885:5 918:23	977:21	872:1	reporter	898:1,5,11,17
926:3 997:13	1041:5	repeating	812:18,23	898:25 899:8
1027:4	remaining	919:14	813:5,9,12	899:15
relates 847:3	840:19	repetitive	954:8,10	900:18
914:12	859:24	928:4 929:3	1008:3	901:13
1085:24	985:16	rephrase	1112:6	925:22
relation	1048:21	807:15	reporter's	931:24
1044:20	remember	966:12	957:19 969:4	973:19 981:6
relationship	785:1 861:15	1053:23	<b>reports</b> 1041:2	993:16
853:4 885:2	888:25	replaced 919:6	1041:6	1086:9
891:13,15	892:13	replacement	represent	1108:19,20
931:6 967:7	911:17 955:1	861:9 919:8	874:23	1108:22
relative 836:17	1000:25	930:23	932:22 957:4	requested
884:23	1001:18	replacing 849:3	988:15	775:25 776:3
887:22	1011:5,8	989:5	1007:25	777:13
904:16	1022:14,15	replicate	1030:11	850:14
906:14	1028:3	1079:11	1031:25	requesting
relatively	1037:11	report 778:4,4	representative	781:8 956:9
830:18 845:9	1055:15,19	781:1,17,18	819:9 905:4	1078:14
904:19	1075:12	781:23,24	represented	1080:20
relevance	1077:24	809:19,23	1008:8	requests
788:15	1078:1	811:4,7	1020:7	818:18
937:20	<b>remind</b> 985:2	813:21 814:5	1029:24	899:22
939:14,17	1002:12	816:7,10	1030:12	require 890:5
relevant 836:15	reminder	820:7 821:11	representing	required
836:20,21	860:10	821:14 822:5	778:19 848:7	870:16 921:7
856:9 858:1	reminding	829:5 831:2,5	948:25 980:5	requirement
869:12 873:8	785:10	849:16 850:7	1007:6	781:1,23
897:8 934:25	1085:10	851:7 855:23	1017:19	848:21
940:16	removal	869:17	represents	852:25
reliable 847:24	1055:13	870:24	790:23 957:1	871:14 890:2
reliance 848:18	remove 783:1	886:18 910:1	1029:23	907:5,9,12
relied 777:24	918:11 993:6	910:4 916:25	1032:1,2	912:5 914:10
847:15	993:8	917:3,6,10,12	1051:21	952:25 953:4
849:12	removed	917:20,24	request 770:12	953:6,13,21
921:21	918:13 967:1	919:25 920:1	770:16	953:25
relocated	renamed	920:3,17	775:19,22	954:12 979:3
852:21	848:24	970:6,8 985:3	781:9 783:11	979:7 1086:4
reluctant	renewable	1023:15	786:9 795:8	1109:4
1019:13	779:12,13	1040:12	822:17	requirements
<b>relying</b> 921:21	repeat 954:6	1086:24	839:20,22	810:23
remain 986:6	971:4 1097:6	1087:4	850:16,19	811:19
987:14	repeated 856:6	1107:9,15,17	869:18 870:4	889:16,19,22
1097:24	860:14	1107:18,20	895:22,24	890:19
remainder	repeatedly	1107:21,24	896:4,5,13,19	requiring
795:2,5 860:2	848:17 855:8	REPORTED	896:22,25	775:21
	1	l	<u> </u>	I

				1
res 982:15,15	resolutions	845:21	1000:10	1054:20
982:21	981:5	899:22	1021:4	1056:10
1067:23,24	resolve 842:2	912:18,22	1033:14	1069:25
1068:1,15,21	842:10,11	responsibilities	1046:5,5,6,7	1070:2
1069:2	980:17 981:3	1044:19	1055:18	1090:8
1079:25	resolved	responsibility	1071:9,22	reviewed 819:5
1080:3,10	1086:7	997:18	1072:8,16,17	927:18
reserve 849:20	1087:25	1028:12	1073:2	950:10
849:24	resource	responsible	1079:19	1052:7
850:23	829:18	825:25 826:1	1080:1,3,7,8	1054:11
851:16	883:20 891:3	826:21	returns	1055:5
reserved	891:6,23	rest 973:17	1070:25	reviewing
1049:10	resources	977:15	1079:15,25	867:4
resided	819:6 911:24	1001:2	revenue 780:25	reviews 781:3
1028:14	912:1	result 781:18	781:23	796:5,7
residential	respect 785:4	808:1,8	848:21	800:15,25
981:9,12	969:1 979:2,7	828:25	852:24 907:4	801:1 817:13
982:15,22	respectfully	1006:23	907:8,12	817:16
984:12 986:4	988:13	1017:1	912:5 952:25	revised 939:16
987:12 988:4	993:16	1028:19,23	953:4,5,13,20	978:9
998:11,18,19	respective	1032:5,22	953:25	1005:22
999:17	1087:4	1035:13	954:12 979:3	1110:14
1000:11	<b>respond</b> 814:12	resulting	979:7 985:19	revision 918:9
1003:19,24	896:18 897:1	1021:9	986:1 992:2,9	939:6,10
1004:4,11	responded	results 990:17	992:24 993:6	revisit 853:1
1005:4	845:23	990:20	993:9 997:18	854:10
1010:5	896:25	999:22	999:24	reward 822:23
1013:13	912:24	1046:1,14,17	1044:19	823:1
1022:4	responding	1046:20	1053:18	rewarded
1031:13,20	787:14 913:5	1047:4,15,16	1055:8,11,24	802:25
1034:10	response 815:6	1050:16	1067:24	823:12 837:6
1035:11	846:2 853:14	1067:22	1071:25	rewards 837:2
1044:23	895:22,24	1072:21,23	1086:2,4	Reynolds
1046:16,21	896:4,12	1073:10,14	1109:4	1082:13
1046:22	897:9,16	resume 784:8	revenues	<b>RFP</b> 845:21,23
1048:1	898:1,5,11,17	842:16	779:11 810:8	846:1,2
1050:12	898:24	<b>retail</b> 790:8	996:18 999:4	911:25
1066:2	899:11,15,15	851:18 867:9	1001:24,25	912:14,15,19
1071:17,23	899:17 900:1	887:14	reverse 895:20	912:22,24
1072:11,16	900:17	984:22	<b>review</b> 777:11	913:13,16,21
1073:1,3,4	901:13	retain 1012:15	788:22	914:4,14
resistance	912:15	retention	800:21	rid 863:6
988:25	913:12,16	1013:9	817:23 818:2	ridership
resolution	918:1 925:21	return 808:3,5	818:19,22	1044:12
980:19	973:19	808:7,8 990:7	819:2,4,7,13	right 774:22
981:23 982:3	1090:24	990:12,21	820:20,23	784:21
1078:13	responses	993:8 1000:3	888:10 896:7	785:22
L	I	l	<u> </u>	I

791:13,24	1005:14,15	1071:10,15	Ruhter	1018:16,20
792:3 793:5	1005:25	1071:18	1082:13	1021:19
795:6 800:7	1006:21	1076:3	rule 785:1	1024:21
801:21 810:6	1007:2,5,8,13	1085:25	835:1 854:1	1026:2
811:3,23	1007:14,18	1087:23	864:25 865:8	1031:24
813:12,23,24	1007:20	1090:11	865:13	1034:15
816:3 821:18	1008:9,16,23	<b>rigor</b> 1007:24	871:14 872:7	1065:10
826:24 832:9	1009:3,10,19	<b>rising</b> 823:8	ruled 785:14	1087:12,15
833:5 834:17	1010:2,13,17	risk 783:5	847:18	1087:16,17
834:24,25	1010:20	797:15 798:7	928:17	1087:20
839:5,12	1011:1,18	798:13	1085:7	1094:6
854:8 868:8	1012:1,9	826:23	rules 834:19	1096:20
870:8 873:19	1013:6,7,16	832:14	856:10 864:8	1100:6,21
875:7 876:1	1013:20,21	858:20	865:8,17	1101:20
879:1 883:24	1013:23	risks 801:23	ruling 785:11	<b>Rush's</b> 785:5
885:5,24	1014:2,9,12	road 894:14	795:25	804:19
888:6,10,15	1014:16,23	991:16	815:22	1065:9,11
889:19 890:5	1015:3	1036:5	929:17	1070:23
891:13	1016:9,18	Robertson	945:10	1076:13
896:14	1017:9	1091:11,12	rummage	<b>Ryan</b> 1092:24
898:10	1019:1	1091:15	812:16	1093:6
899:13 900:6	1020:12	1109:8,10,16	run 795:23	1095:24
903:5 909:17	1024:16	1109:18	889:4 890:11	1103:6,7,9
910:3 911:5	1029:9,12	Robertson's	982:23	1105:11
911:13,14,21	1032:22	1091:14	1005:20	R-u-h-t-e-r
932:25 933:2	1036:6	Rocky 994:5	1048:9	1082:14
933:5 935:1	1037:14	<b>Roger</b> 771:2	1089:16	<b>R.E</b> 770:18
935:25	1039:19	774:12	<b>running</b> 787:23	
936:11	1050:4,13	<b>Rogers</b> 1086:22	846:24 847:1	<u>S</u>
938:15	1051:16,24	1087:7,18	847:9 885:7	sad 1006:16
940:18 942:1	1052:5,10,14	roger.steiner	886:7 887:12	safe 1080:17
942:2,8,13	1054:12,18	771:5	903:14	sale 779:12
944:3 947:21	1055:14,18	<b>role</b> 800:17	runs 884:1	846:3 856:15
948:22 949:9	1055:22	801:4 944:25	<b>Rush</b> 784:5,7	859:11
949:11	1057:21	roll 883:12	785:15,17	865:25 867:5
952:19 954:7	1058:21	room 787:7	787:4 789:10	868:10,21,24
954:24 955:2	1059:1,14,21	817:2 887:16	789:18 790:4	871:19
956:1,12	1060:6,11	996:4	796:17	872:12,17
968:13	1061:4	1097:20	799:11,21	874:22 930:4
969:23	1062:24	round 890:6	800:3,5 803:7	935:7
970:24 971:5	1063:4,23	<b>RPR</b> 770:24	805:7 807:23	sales 779:8
977:24	1065:13	1112:17	882:1,1 901:3	780:1 792:23
995:16	1066:22	<b>RSMo</b> 921:24	901:15 976:9	802:13,14
1003:16,17	1067:4,23	<b>RS6</b> 1008:14	976:22	805:14 810:4
1003:20,21	1068:6,6,19	RTO 856:20	977:20	810:24
1004:6,12,24	1068:25	870:1 871:8	1002:15,23	811:20
1004:25	1069:3,6	875:9	1002:25	815:14 831:9
1		I	I	I

				1
860:7 885:5	1010:21	1059:6	1039:25	982:19,22
887:7,9,17,21	1012:14	1060:15,19	1041:12	983:18
940:22	1014:8,10,24	1060:22	1042:2	seasonal 991:1
943:16	1015:4	1061:14	1045:7,9	993:7
1021:8	1026:14	1066:22	1047:6	1055:13
Salvatore	1050:8	1080:24	1054:1,5	1068:17
1094:2	1057:18	1083:15	1064:17,19	seasons 1067:4
1104:7,9,11	1065:17	1097:17	1064:22	seated 784:8
1106:5,7,9	1087:17	scheduled	1067:19	<b>SEC</b> 853:12
Sam 1093:14	scenario	838:8	1069:18	857:2 871:25
1096:7	826:25 827:7	1097:17	1070:21	872:2 876:6
<b>Sarah</b> 773:1	862:2	schedules	1077:15	936:21 943:8
774:16	scenarios	780:5 814:17	1087:18	943:20
save 844:15	892:11,14	904:10	1102:2	<b>second</b> 843:9
saved 837:15	893:2 925:24	917:19	1107:11,12	856:5 860:13
956:18	953:14	918:22,23	1107:14	862:25
957:11	1053:13	919:16 920:3	1108:1,9	863:14
saves 844:25	1076:10	982:15	1109:2	869:18
<b>savings</b> 827:25	schedule	993:12	1111:8	870:19
948:14,15,23	815:10,16	1004:3	Scheperle's	898:19
saw 969:7	845:25	1005:19	1022:12	900:16
1007:21	912:22	1010:1	1053:4	902:15
1011:9	917:22	1015:13	1074:19	921:20
<b>saying</b> 803:3	967:24	1021:1	Schnitzer	1057:7,19
815:18 816:4	977:15	1029:7,11	1104:18,20	1063:16
824:11 832:9	998:20	1052:14	Schnitzer's	<b>section</b> 788:1,3
887:18	999:11,13,21	1054:18	1094:9	788:5,7,14
890:21 941:2	1000:7	1060:13	<b>science</b> 1073:10	825:1 864:25
944:15	1004:6	1067:3,3	scope 804:11	921:24
948:23	1005:21,22	1068:12	804:14,17	927:17,21
955:16	1006:12	1075:11,19	1034:19	1010:11,12
1001:24	1008:15	1076:14	<b>Scott</b> 1095:21	1014:19
1006:20	1010:15,20	1077:2,8,24	1096:11	1040:6
1011:2	1011:9,10,12	schedule's	1103:20,22	sections 1087:3
1058:14	1011:13,23	1097:16	1105:19,21	1087:20
says 821:19	1012:7	scheduling	scrap 938:12	Securities
834:24	1014:4	966:10	938:15,20	845:15
839:23	1022:16	scheme 997:17	scrapping	942:19 943:7
865:13	1029:13,17	1033:24	891:3,8	security 902:3
898:21	1031:10	Scheperle	scrubbers	902:14
900:24	1037:20	977:20	1016:18	see 783:9
940:19	1045:25	984:16	scrutinized	788:17
952:23 953:3	1046:7	991:11	800:14	790:16
953:12	1047:1	1002:10	se 824:23	799:20
997:25 998:1	1052:21	1022:18	<b>search</b> 869:2	825:19,22
1004:15	1056:11	1039:8,14,16	869:23	838:8,25
1008:14	1058:19	1039:16,23	season 885:24	847:21 858:4
	l	l	<u> </u>	

858:4 863:18	897:9	988:24	953:16 957:1	1107:9,15,17
864:10,13	self-build	1064:13	968:15 970:6	1107:18,20
866:5 870:6	912:4	1083:3,15	976:4 980:9	1107:21,24
873:18	sell 855:6 860:5	sequence	980:18,25	services 770:24
874:19	861:2 863:2	786:14 878:1	981:3 982:2	988:6
888:16 902:5	867:14 913:1	976:25	982:18 983:9	1003:25
902:11,17	913:15	1081:9,23	983:21,25	1112:7
923:14	941:23,25	series 927:3	984:6,9	session 957:20
927:17	1034:13	serious 845:4	985:11,16,22	1101:4,6
967:21 978:6	seller 846:7	serve 779:7	985:23 986:4	set 776:24
981:1 987:19	964:13	810:3,18,22	987:9 988:3	780:25
991:9 996:4	sellers 941:13	811:18	990:4,18	782:23
997:10,18	964:6,10	815:12	999:18	793:10
1006:8,10	<b>selling</b> 861:16	861:12 867:9	1000:12,22	805:13 812:9
1007:23	938:17	990:15	1001:17,21	812:10
1010:7	send 1049:17	serves 886:1	1002:19	814:23 824:2
1012:13	<b>sending</b> 942:16	service 770:2	1019:15	877:20
1029:2,20	senior 770:19	770:14,17	1020:15	886:10
1030:15,18	773:1 878:15	773:5 776:2	1021:22	945:17
1056:3	1082:15	776:16 781:1	1022:18	985:10
1074:1	sense 863:5	781:23,24	1024:6,7,7	1023:19
1076:25	1021:5	809:14,19,23	1026:15	1112:9
1097:22	1035:3	811:4,7	1027:7,8,23	setting 806:3
1101:4	1089:23	813:21 815:2	1034:17	843:14
seeing 838:13	sent 969:8	817:14	1035:24	851:13
842:18 880:8	1069:22	838:18 839:7	1038:23	settle 784:19
898:9,15,18	1070:13	840:6 841:22	1040:12	984:2
898:21 899:4	sentence	842:1,5	1041:2,6	1088:19
899:6 977:24	810:10	843:11 844:7	1044:13	settlement
1000:25	821:19	844:24	1045:10	842:12,14
1011:5,8	973:17	847:24	1046:1,11,15	1078:19
1020:8	1052:17	852:22	1046:17	seven 858:11
seek 1067:12	separate	854:25 856:3	1047:22,24	seventh 857:9
seeking 796:1	862:22	857:25 858:4	1048:1,2	1031:13,19
858:18	984:14,23	860:23 870:1	1050:12	<b>shadow</b> 799:20
988:11	993:5 1000:4	873:14	1052:20	shakes 977:25
seen 838:24	1000:5	874:25 875:9	1055:1	<b>shape</b> 930:17
898:8 903:19	1012:14	890:23 895:1	1069:20	1038:21
932:5 935:13	1013:13,14	910:1,4 913:3	1071:13	share 802:15
938:9 950:20	1015:4,9	915:17	1072:7,14	990:7
965:1 996:16	1068:7	916:25	1073:10,14	1020:19
996:20,25	separated	917:12,20	1076:6,8	<b>shared</b> 783:17
self 896:19	802:7	919:25 920:1	1080:22,25	shareholders
1017:8,11	separately	920:2,17	1085:3,22	864:3 867:2
1036:23	909:5,6	941:15	1086:24	1017:16
1037:1	September	943:12	1087:4	1018:2
self-authenti	777:12 822:5	945:15,16	1101:12	1036:14,18
	l	1		1

	_	_	_	. 1
shares 797:15	836:17,19,22	1044:20	986:19	806:14,22
sharing 776:25	1070:22	1059:18	significance	807:7,10,11
777:5,8	shorthand	1064:4	1016:21	814:15,21
779:23	996:12	1070:24	significant	823:5 824:17
780:14	1112:6	1075:9	831:25 863:8	855:15 863:3
783:14 792:8	short-term	showing	870:2 873:11	863:21
792:20 797:4	907:15	892:21	873:16	866:23
797:10 798:6	shot 886:24	950:24 951:1	885:14 965:1	868:17 907:8
802:3 806:22	show 777:21	1007:20	993:13	923:1 930:20
819:20,22,22	825:6 848:9	1030:4	1016:23	937:8 953:19
820:2,8	897:7,7,8	1063:6	1031:4	954:11
824:18	904:10 919:8	1067:21	significantly	956:13
826:15,20	922:20	1070:11	912:8	969:15
835:9,9,17	949:25 950:5	shown 780:12	<b>signing</b> 1089:3	993:15
836:1 1107:3	950:7,13	835:24 904:8	silly 846:20	1024:9,10
1107:5	990:20 991:1	904:18	similar 777:4	1030:13
sharpest	991:5 999:16	905:24	872:13 883:5	single 818:4,9
953:24	1000:9,11	917:12 990:4	901:14	818:16 860:8
sheet 1023:2	1003:18	990:18	910:18,23	1023:21
1026:5	1004:23	1084:1	930:14	1033:13
1067:21	1005:16	shows 902:16	940:22	1053:17
1112:9	1007:13	990:5 1005:2	943:16,17,17	sir 786:20
sheets 814:18	1008:5,12,21	1009:17	983:24	790:17 792:8
1024:11	1009:14,15	1011:3	984:10	792:18 809:9
shift 820:1,8	1010:11,11	1013:3,14	1022:11	828:7 829:10
826:5 827:22	1011:25	1043:8,12	1024:3	834:7 882:8
828:1 832:24	1013:2	1044:22	1033:23	895:7 932:19
990:23 992:3	1030:10	1051:9	1047:2,17	940:13
1004:3	1043:25	1060:24,25	1063:25	986:14 996:2
1044:23	1044:5	1061:1,2,15	1076:12,25	1001:19
1050:15	1050:10,15	1065:6	1083:17	1011:22
1062:19	1050:19	1071:21	similarities	1018:12
1063:17	1051:11	shuffling	1078:18	1049:20
shifted 777:6	1059:12	1002:7	similarity	1056:22
836:4	1061:1,24	1005:5	865:23	1060:19
1052:21	1063:3,9,10	<b>shut</b> 1026:16	868:10	1069:9,13
<b>shifting</b> 826:23	1064:2	side 845:23	similarly	1082:8
832:14	1065:8	863:7 904:11	826:19	sit 887:4
1015:13	1067:2,22	913:1	1083:19	site 884:8,9,10
<b>shifts</b> 985:17	1068:17	1026:21,22	<b>simple</b> 844:3	943:17
985:18,20	1069:24	1027:7,8	858:8	951:24 952:4
987:12 991:2	1072:6,23	1079:2	simplify	952:8,12
1079:3	1076:16	<b>SIEUA</b> 1089:5	1086:12	953:7,22
shock 1063:23	<b>showed</b> 886:18	signatories	<b>simply</b> 782:5	954:13,24
1064:5,11,20	892:15	987:6	794:18	sites 884:8
<b>short</b> 795:23	904:16	1089:10	800:12	situation 837:3
830:18	950:21	signatory	804:22	837:10
	l	1	l	l

situations	859:15,17,19	1051:25	991:23	special 988:23
782:25	861:5 868:11	1061:10	992:19 993:2	989:7,10,21
six 859:6 933:3	868:12,14	1063:16	993:11,18	992:16,20
978:6,10	<b>sole</b> 1078:3	1066:10	1003:25	specialized
1046:14	solely 939:4	1071:6	1004:20	989:10
1073:17	988:7	1079:5	1009:4,10,24	specially
sixth 857:4	<b>solicit</b> 911:25	1085:5,6	1010:4,12	987:25
872:19	<b>solution</b> 991:17	1087:19	1012:1	988:12,19
six-month	somebody	1088:16	1013:5,11,16	989:23
805:16,17	883:11 889:8	1089:8	1014:8,12	990:13,15
size 830:13,23	896:14,15	1097:5	1015:1,2,9	993:18
969:2	908:5 942:11	sort 965:11	1019:13,23	specific 830:10
skewing	949:25	985:12	1020:21	888:7 891:19
1001:25	somewhat	1042:14	1021:3	892:13 893:9
skip 776:15	983:23	1049:1	1022:25	904:24
skipping 817:1	1070:21	<b>sound</b> 814:5	1027:5	911:20
1092:7	soon 864:13	sounds 945:22	1033:18	1078:2
slash 927:2	1086:16	952:13	1034:16	specifically
slices 999:23	sorry 775:3	1049:8	1035:5,10,14	781:13
<b>slide</b> 867:20	790:2 791:1	<b>source</b> 989:11	1037:24	814:19 856:7
<b>slides</b> 863:19	798:4 799:21	<b>South</b> 771:16	1050:12,20	859:4,9 865:3
<b>slight</b> 791:11	799:24	910:24	1050:20	889:18 892:4
1084:2	803:17	930:14	1051:15,22	966:20
slightly 937:17	810:12	Southern	1052:3,20,20	996:22 997:7
937:18	813:14	783:24 786:1	1052:25	1036:20
1073:1	820:13	877:7 924:13	1055:21	specifics
<b>small</b> 918:12	826:21	971:20	1056:8,15,24	984:18
983:25	846:13	975:16	1058:25	1022:14
985:22 986:4	847:10	987:20	1059:8	specified
992:6,6	867:19	995:17	1060:3,24	853:25
999:17	895:21	1002:22	1061:2,7	specify 779:4
1000:12	897:21	1048:6	1063:7,22	921:5,8
1022:5	898:21	1081:9	1064:3	speculate
1024:4,6	900:19	1089:9,9	1068:7	806:25 807:5
1027:8	927:23 936:9	Southwest	1071:14,21	speculating
1028:25	944:17	858:3 907:24	1075:11,19	806:17
1047:22	948:14	908:2,9,12,21	1077:1,7	speculation
<b>smaller</b> 985:13	950:18	908:24 909:4	1084:1	806:11 922:7
<b>Smith</b> 864:18	953:23 966:8	931:14,19	Spanos	922:13 929:2
1094:11	999:13	<b>space</b> 981:12	1094:12	1053:4
1096:22	1004:16	981:21	1096:22	speculative
1104:22	1008:18	982:11,16	1104:24	955:6
1106:16	1014:22	983:3,7,10,14	1106:18,19	<b>spell</b> 809:10
Smith's	1030:6	983:17	<b>Spark</b> 899:5	1039:14
1094:11	1031:17	984:12,14	<b>speak</b> 937:6	<b>spelled</b> 1082:14
<b>SNR</b> 771:3	1039:19,21	987:25 988:7	speaking 982:9	spelling
sold 853:9	1050:5	988:23 990:5	1074:21	1039:25
	l	l	l	I

spend 861:23	817:14 818:4	968:5 970:5,6	830:15 832:3	1077:19
1050:7	818:7 819:20	970:8,10,13	832:20	1085:1
split 780:21	820:5,7,8,18	970:14,14,18	835:13 836:4	1086:25
spoil 883:11	821:11,14	970:20,20,20	836:8,15	standalone
spoke 965:7	822:5,9,13	971:12	837:7 849:11	940:4
sponsor 920:16	824:12,13,17	975:14	853:12	standard
sponsoring	824:21	980:21 982:6	909:25 910:1	779:14
975:9	828:12 829:3	982:10,11	926:19	822:22
spot 821:4	829:5,17	983:8 991:10	929:13,22,25	864:15 865:9
SPP 873:13,15	830:8 831:1,5	991:19	931:2 934:21	921:5,9,13,18
873:18,25	831:25	1000:18	944:1,2	922:17,23,24
874:11 875:3	837:18,22	1003:13	956:14	922:25 923:1
875:13	841:17,17,19	1021:16	965:22 966:3	988:9
889:15,19,24	843:16,22	1024:14	966:15	standardize
890:2,13,18	844:8 845:4	1026:4	983:23 984:4	779:15
890:24 908:4	846:10 847:3	1028:2	991:14	standards
908:15	847:15 848:4	1039:7	1040:12	824:22
spring 855:23	848:7,8,17,20	1041:1,17	1041:5	889:20
Springs 846:21	848:24 851:4	1042:2	1045:16	890:13
square 846:22	851:6,11,22	1046:17	1047:2	standpoint
ss 1112:3	852:4,11,18	1054:24	1068:12	912:6
SSM 922:8	852:25	1063:6	1071:13,20	star 870:9
St 772:7	866:21	1065:17,18	1071:25	start 774:9
stack 812:17	871:16	1071:13	1072:7,14	810:19 824:7
1052:13	876:18,23	1073:24	1080:11,17	856:23
<b>Staff</b> 773:5	880:14	1080:23	1100:9	895:15 949:5
774:15,17	881:18	1081:14	1101:1	967:11 978:3
777:3,14,24	882:20	1085:21	1102:1	1003:2
777:25 778:4	893:12	1087:2	1107:8	1051:25
778:16,19,25	895:13,16,23	1092:4,6,13	<b>stage</b> 1011:20	<b>started</b> 857:13
779:3,16	896:3,5,5,13	1094:22	1026:19	909:21
780:21,23	898:1,25	1107:15,17	stages 1054:16	932:17
781:2,8,10,11	899:22	1107:18,20	1054:23	starting 906:22
781:18,20,21	900:14,18	1107:21	<b>stamp</b> 1024:10	973:16
783:12 787:1	901:10,13,15	<b>staff's</b> 777:12	1042:14	<b>startle</b> 1088:17
787:15	901:21 910:3	779:1 780:11	<b>stand</b> 784:6,19	starts 810:14
788:23	910:7 916:4	780:19,25	800:20	821:16 875:5
793:14,20	916:25 917:1	781:15 782:6	808:18	926:15
795:20 801:1	917:14,21	783:18	814:20	973:17
802:2 808:24	918:4,19	791:20 794:7	815:20 838:7	<b>state</b> 770:1
809:4,20,23	919:14,25	794:17 806:6	881:24 901:3	802:8 809:9
810:15,20	920:1,2,4,5,6	806:21	915:25	878:10 944:9
811:9,15	920:16,20	809:18 811:6	967:19	970:2 972:22
812:1,2	922:15 924:3	813:5 820:1	974:20	988:16
813:10 814:5	925:6 933:25	822:17,21	975:25	989:22 994:2
814:8 815:1	943:11 964:1	826:5,9,20	1002:6	1040:3
816:5,7,10,16	966:23 968:4	827:11,16,21	1039:5	1045:16
<u>'</u>		ı	I	I

1053:22	778:23	830:16	1049:4	1073:14,17
1074:20	842:17 843:2	Steiner 771:2	stop 789:23,23	1076:8
1082:8	853:12 936:8	774:12	1030:6	1078:18,22
1112:3,15	936:13,15,20	Stenotype	1059:15	study 893:4
<b>stated</b> 801:22	936:23	1112:10,12	stoves 989:13	981:18
821:7,9 822:3	938:25 939:1	step 1081:6	straightforw	984:21 988:3
831:5 832:16	939:10	<b>Steve</b> 1094:11	845:10	990:4,5,18,23
842:10	940:16	1094:11	1017:18	990:24 991:3
849:16	943:20	1096:21	stranded	998:12
864:19 907:1	976:13	1104:22	938:11	1019:15
931:4	977:23 980:3	1106:16	stray 966:25	1030:7,8
1078:13	1095:1,8	stick 802:23	<b>Street</b> 771:3,11	1035:21
1089:10	states 775:19	STINSON	772:18,22	1044:13,20
statement	802:6 804:12	771:11	773:3	1044:20,22
778:16	804:13	stipulate	stresses	1044:25
780:17 782:3	844:20	1081:25	1038:20	1045:10,13
782:5,8,10,12	858:10,11	1086:23	strike 785:6,12	1046:20
782:15	859:16 865:4	1087:6	810:16,19,23	1047:15
783:22	902:5	stipulated	922:11	1071:13,21
793:13 815:8	1088:23	977:21 978:2	1010:22	1072:7,14,21
821:6 823:6	1107:3,5	978:18	1017:5	1073:4,10
842:21 848:4	stating 821:3	1022:10	1087:21,25	studying
851:24	station 811:2	1049:3	1094:22	984:24
854:12,14	811:22 852:1	stipulating	stringent	<b>stuff</b> 1049:1
864:6 865:22	874:9 910:6	1088:9	801:13	subclass
871:2 876:12	964:9	stipulation	structure 858:8	989:10
876:17 877:9	status 862:14	839:17	943:17	1069:21
910:7,10	<b>statute</b> 778:10	841:21,23	977:18	subject 785:5
935:2,25	780:3 787:24	842:1 968:14	981:10	785:11,12
936:4,16	788:3,6,7,11	968:17,20	1002:19	786:2 789:24
938:20 940:5	789:3,9 792:4	969:8 977:3	structured	801:17 807:8
940:16 941:5	796:22 825:1	980:8 985:14	910:22	939:5,10
941:6,7 942:5	833:10	986:20 987:7	<b>Stu</b> 775:3	1061:21
942:18 982:6	834:18 835:1	987:7,15	STUART	1087:24
985:7 986:9	864:7,25	1000:22	772:1	1088:10
986:13,25	865:3 872:6	1021:22	stucon@fcpl	1094:21
991:13	statutes 833:7	1078:23	772:4	1095:14
997:19	856:10	1079:1	studied 893:3	<b>submit</b> 988:13
1017:12	865:17	1085:12	<b>studies</b> 980:18	submitted
1100:3,3,4,15	statutorily	1086:7,10	980:25 981:3	936:7 939:11
1100:15,16	932:24	1088:11,18	990:25 991:1	1078:18
1100:16,17	<b>stay</b> 909:17	1089:1,15	1001:17,21	subsection
1101:13,13	944:4 966:24	stipulations	1002:20	787:25
1101:14,14	1028:5	838:22 839:1	1038:18,23	subsections
1101:15,15	steal 794:12	981:5,7 982:3	1046:2,15,17	788:2
statements	steam 1028:23	986:15	1046:23	subsidiary
776:18	steel 829:13,22	1001:4	1047:20	865:10
1	l	I		I

<b>subsidy</b> 992:10	890:12,20	supports	840:23	1104:11
substantial	988:20 993:8	780:19 782:5	878:18,21	1105:5,17,21
778:6 783:13	1005:11,12	876:22	880:25	1106:9,19,24
828:23,25	1006:1,3,9,10	<b>suppose</b> 813:21	889:14 891:1	1107:14
965:3	1006:21,25	supposed 872:7	891:21 892:1	1108:11,13
1023:16	1007:4,14	Supreme	906:20 917:8	1108:15,17
substantially	1010:16,24	864:17,18,23	918:18 919:3	1109:1,10,18
828:17	1038:8	865:16 872:6	919:16,23	1109:23
952:14,16	1043:13,18	876:3 921:16	920:5 926:2	1110:1,6,11
964:25	1055:14	922:1	931:4 950:13	1110:1,8,11
substantive	1056:25	sure 787:19	950:16 951:7	1111:1,7
814:11	1050:25	788:7 789:6	973:6,11	surrogate
subtract 842:8	1058:8,9	790:1 800:19	974:1 978:8	856:16
subtracting	1079:18	800:22	978:10	859:10 866:1
1006:22	1080:2,5,8,13	801:12	979:19	868:5 871:19
subway 874:6,9	1080:25,0,13	818:18 830:3	1003:2	872:17 930:4
874:11,14	Sundermeyer	896:2 903:6	1009:23	930:13
sudden	922:8	909:21	1012:24	surrounded
1027:12	supplement	912:13 915:6	1034:3	802:5 870:10
suffering 863:1	922:22	919:15	1040:17	surrounding
sufficient	supplemental	946:10	1041:3	802:20
780:15	1092:22	948:18	1049:25	survey 797:19
797:16,25	1092:22	950:25 954:9	1060:13,14	797:19 802:4
798:8 890:3	1103:5	969:5 999:5	1061:14	803:6
suggest 788:1	supplementa	1003:23	1062:20,21	survive 861:18
840:8	1074:14	1003:23	1063:19	sustain 914:17
suggested	supplementing	1011:15	1065:9,10,11	915:7
981:8	804:22	1019:11	1070:23,24	SW 921:8,16
1028:20	<b>supply</b> 781:10	1020:9	1071:4,5	922:1,8,8
1036:13	supplying	1024:14	1082:18	swear 878:6
suggesting	781:6	1052:8	1083:25	880:21
824:18	<b>support</b> 783:12	1069:17	1090:20	1081:24
930:17	797:13	1079:21	1091:12,15	Swearengen
981:24	814:15	1083:4	1092:23	772:14
suggestion	845:19 853:7	1090:1	1093:7,9,11	switch 1037:5
839:8	876:17	1092:20	1093:13,16	sworn 784:7
suggestive	926:18 969:9	1097:8	1093:18,20	809:6 872:3
914:16 915:2	981:4 982:2	surprise	1093:25	878:7 880:21
Suite 771:3,7	993:14	1062:12,16	1094:3,8,12	882:2 883:6
771:16,20	1069:20	surrebuttal	1094:14	916:12
772:18,22	1078:22	781:25	1095:24	969:24
994:5	supported	784:13 812:2	1096:1,5,8,10	972:16,18
summary	804:20	813:17 814:4	1096:12,15	993:24
1046:1	981:17	814:17,24	1096:18,21	1002:15
<b>summer</b> 849:6	1028:2	815:9,11,17	1096:23,24	1039:17,20
885:24 886:6	supporting	816:4 833:4	1103:9,11,18	1040:1
886:25 890:4	797:3 1010:1	834:16	1103:22	1082:5
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

synopsis	800:10 803:2	977:12	1011:23	856:18 857:5
1053:16	807:2 827:15	991:22	1016:5	857:7 866:2
system 825:24	832:4 838:14	1039:9	1022:2,3	866:14,16
826:15 884:2	839:25	1086:3	1026:21	869:5,10,11
899:9,14,16	840:18,21	takers 964:13	1028:22	869:22
899:18	841:3,20	takes 1080:15	1033:13,14	872:20 876:8
1036:2	851:6 853:24	1085:2	1057:17	878:15
1068:11	854:2 855:12	1090:12	1064:2,5,6	925:16,20,23
S-c-h-e-p-e-r	855:15 860:6	talk 802:22	1074:11,12	926:6,12,24
1039:17	872:23,25	827:25	talks 788:11,14	927:17
	873:2 874:11	840:20	844:24	928:24
T	885:16,18	857:11,14	tank 846:25	929:14
<b>T</b> 1112:2,2	907:13,19	858:15	target 985:12	966:21,22
table 950:23	916:2 941:20	865:25 866:2	985:12	967:6,10,12
951:13,14,15	948:16 966:9	866:3 935:1	tariff 779:3	973:21
951:17	976:14,24,24	938:14 953:2	781:2,12	technical
952:18,19,20	977:8 978:1	956:1	814:18,23	1019:9
952:22	978:21	1005:21	822:14	<b>Ted</b> 1109:8,10
953:12,12	980:12 981:8	1003:21	876:25	1109:16,18
1003:4,6,9,18	981:25	1009:24	1023:2	telephone
1004:10	982:12	1013:8	1023:2	775:22
1010:5	1007:22	1013.8	1024:11	tell 806:14
1011:3	1007:22	1033:12	tariffs 790:24	835:11,15
1013:1	1010:9	1033:12	814:24 877:2	855:9,20,23
1043:8,12,15	1010:5	1058:24	877:6 982:21	863:20,23,25
1044:1,5	1012:15,20	talked 838:16	1023:7,9,10	886:20
1046:12	1019:5	988:19	1023:11,14	894:11
1050:3,10,12	1035:24	1016:23	task 788:15,21	903:17
1051:8,11,20	1049:5,17,24	1058:18	789:19	904:24
1052:1	1050:1,18	1063:10	864:24	942:25
1059:1,13,24	1060:21	1070:22	944:22	944:15
1062:20,24	1073:13	talking 792:1	1026:8,9	969:11
1065:1,3,13	1076:21	838:22 840:5	tax 849:20,24	973:13
1065:15,24	1079:17	855:2,3,5,17	850:23	983:21
1070:22	1080:2,11	855:18	851:15 873:7	994:13
1072:4	1086:11,18	856:24	884:14,17	998:10,16
1076:25	1095:12	865:24	926:11	1009:5
1079:15,17	1097:14	887:23	965:23	1015:8
tables 1050:4,6	taken 776:10	890:13 949:1	966:16,21	1046:5
1064:1	777:19	950:3 953:24	967:16,16	1056:18
1079:21	782:21 784:1	953:25	973:14	telling 896:23
take 776:5,5	793:14,20	1003:23	taxes 778:5	1075:8
778:22	803:22 804:4	1003.23	831:3,8 832:5	tells 879:10
784:18	841:6,13	1005:24	832:6 843:8	916:13
789:25	844:14	1005.24	843:15,17,20	ten 791:6,9,18
793:16,24	877:10 916:3	1007:15	843:25 844:2	791:21 793:4
795:9,18	927:24 928:6	1009:3	852:14	799:4 800:24
,	)27.21 )20.0	1007.5	052.11	777.1 000.21
L				

805:8,10	test 831:7	812:17	955:3,10,11	1074:12,13
806:8 831:10	testified 785:15	813:17,19	955:23,24	1074:16,19
831:17 835:6	809:7 878:8	814:4,4,18,21	957:14	1076:8,13
836:3 861:22	883:15	815:4,10,17	967:13	1070:0,13
977:8,11	888:24 893:5	816:4 820:19	970:10,15	1082:25
tender 785:23	916:14,17	820:23	971:2,6 973:6	1083:5,11,12
816:19	943:13	821:11	973:7,10,25	1086:24
879:17 881:1	951:23	829:13 834:9	974:1,4,6	1087:6,12,20
882:3 883:8	953:21	840:24	978:2,6,18,23	1087:0,12,20
975:1 995:5	954:12	843:21 844:5	978:25	1090:18,20
1002:18	955:19	844:11,12,24	979:17 989:8	1090:10,20
1040:25	966:15	845:24 846:1	989:18,24	1090:21,22
1040:23	969:25	846:11 855:8	990:1,19	1093:12,14
1041.20	972:15,20	876:23 879:1	991:10,22	1093:12,14
tendered	979:4 993:25	879:5 882:2	992:11	1093:17,18
995:14	1002:23	883:7 886:9	994:12,19,22	1093:17,18
ten-minute	1039:23	886:13,14	999:8 1003:3	1093:19,20
838:11,14	1054:2	888:22	1004:14	1093:21,23
term 837:3	1082:6	889:14 891:1	1004.14	1093.24
885:8,11	testifies 860:16	892:15	1003.17,18	1094.9,13
905:15	971:3	900:23	1011:9	1095.21
913:21 933:3	testify 889:15	900.23	1011.9	1096:0,9,11
956:6 1046:4	891:2,21	902.23	1012:7,23,24	1090.13,14
terminated	892:1 896:15	900.20,21	1013.20	1103:4,5,7,9
930:24	896:16 922:2	916:20,24	1018.21	1103.4,5,7,9
1027:25	956:12 995:7	917:16 918:4	1020.0	1103.11,13
terminology	testifying	917.10 918.4	1033.22	1103.14,10
779:15,16	784:13	919:3,13,17	1034.3	1103.16,20
terms 817:18	877:23	919:18,20,23	1030.23	1103.22,24
847:14	920:12	920:5,6,6,8	1037.22	1104.1,3,3,7
891:12	944:16,23	920.3,0,0,8	1040:9	1104:9,11,13
899:18 904:5	testimonies	921.2,9,20	1040.9	1104:13,10
905:17	1041:3,11	926:9 934:21	1041.3	1104.18,20
930:22,23	1041.3,11	935:1 936:6	1045:25	1104.22,24
930.22,23	testimony	936:13	1049:2,25	1105.2,3,3,7
966:7 998:2	777:18 784:9	937:19 939:6	1049.2,23	1105:14,15
1048:8	784:11,12,13	939:12 940:8	1050.8	1105:17,19
1059:19	785:5,5,9,18	940:10	1052:8,9	1105:17,19
1059.19	787:8,13	940.10	1054:17,21	1105.21,25
terrible 860:11	791:15	942.23 943.3	1054:17,21	1106.1,3,3,7
territory 844:7	791.13	944:9 949:25	1054.25,25	1106:9,11,13
847:6 852:22	793:13	950:2,4,8,13	1059:13	1106:14,10
914:22	794.18,21	950.2,4,8,13	1062:20,21	1106:18,19
915:12,17,20	795:10	951.15,19,25	1062.20,21	1106.21,22
956:15,19	803:24	951.25 952.5 952:8,10,21	1008.13	1100.24
750.13,19 <b>Terry</b> 770:20	804:10	952.8,10,21	1071.0	1107.1,11,12
1095:22	811:25 812:2	955.1,5,9,20 954:11,22	1072.3	1107.14,23
1093.22	011.25 012.2	957.11,44	10/3.17	1100.1,5,4,0
	•			

1108:8,9,11	925:8,10	1098:4	814:7,9 819:5	1018:1
1108:13,15	929:18 933:7	thanks 799:22	819:14	1019:17,25
1108:17	933:9,12,16	834:8 876:14	824:24	1020:20
1109:1,4,6,8	943:4 946:19	894:2	828:10 830:2	1022:14
1109:10,12	954:21 964:2	1012:18	833:10,15	1031:2,4,6
1109:14,16	967:20	1098:8,9	835:2 836:16	1033:11
1109:18,21	969:17,20	theirs 991:4	837:2,17	1034:9
1109:23,24	971:14,19,24	1030:1	839:20,23	1036:11
1110:1,3,5,6	972:1,4,9,17	theory 1084:20	840:4,11	1038:19,20
1110:9,11,12	972:19	1084:21	843:7,17,22	1038:22
1110:14,16	973:23	<b>thereof</b> 1112:9	845:9 846:18	1041:22
1110:18,23	975:23 982:4	thin 942:21	878:23	1044:16
1110:25	982:5 985:5,6	thing 793:12	881:20 885:9	1048:17,23
1111:1,4,5,7	985:8 986:8	857:13	886:14	1049:1,14
1111:11	987:17,18	860:13	890:21	1050:18
text 941:2	993:19	874:10 875:7	891:16	1053:21,23
thank 774:14	995:24 996:2	876:1,24	896:19 897:2	1054:1,3
774:16,18	1000:15	890:21 985:4	905:18	1055:2
775:5,10,13	1001:5,9	1035:16	906:18	1057:10
775:17 776:9	1002:4	1036:3	913:25 914:9	1058:13
778:13,15,17	1005:10	1038:2	916:1 922:16	1062:2
782:1,2,7,14	1006:7	1051:7	922:19	1064:23
783:20,21	1011:21	things 789:24	924:25 926:5	1070:5,9,23
785:22	1012:22	797:18	929:16,17	1073:17
786:17,20	1015:5,12	800:19	940:3 941:19	1074:9
787:20,21	1016:17	801:14	942:16	1075:9
789:18 796:9	1018:10,12	818:19	943:24 944:5	1076:4,21
796:13 799:7	1021:11,17	883:12	944:18,25	1077:14
799:8,14,15	1024:17,22	887:23	945:2,14	1078:16
799:24 800:2	1024:23	888:16 897:7	946:16,17	1081:2
805:4 809:1	1025:1	902:20	947:3,14,17	1089:12
833:17 834:1	1031:22	933:21	948:7 949:17	1090:11,13
834:3,10	1039:3,12,22	941:22	949:20,22	1091:20
838:5 842:7	1040:8	1014:21	951:10	1093:1
842:15,22	1041:19,24	1020:24	952:13,15	1094:17
848:2,3,5	1045:3	1024:1	956:16 968:2	1097:16,25
853:22 854:4	1048:3	1035:22	968:3 975:9	thinking 839:6
854:10,11,15	1058:4,15,23	think 783:3,8	976:15 980:7	956:20 976:9
854:17,21	1068:14	783:18	980:17	third 777:11
876:10 877:7	1069:9,10,13	784:25	981:11,19	820:19,23
877:15,17	1070:17,19	787:13	982:1 983:21	843:12 856:7
880:2,12,17	1077:11,15	789:13,17,17	984:2 985:1	862:19 864:5
881:12,17,24	1077:16	790:23 792:5	1000:25	868:24
895:4,7,9 903:3 905:11	1081:3 1084:23	792:17 793:2 795:4 797:11	1005:3 1007:15	869:19 1013:24
903:3 903:11	1084:23	798:1,19	1007:13	1013:24
915:8 916:15	1083:10	803:4 804:6,7	1010:14	1023:20
713.0 710.13	1007./,11	003.4 004.0,/	1017.17	1005.20

third-party	1101:20	808:12	today's 977:15	957:21
868:22 889:8	time 781:5	868:19	<b>Todd</b> 772:10	1108:23
thorn 863:7	784:14 789:5	887:13,15	775:8	1112:12
thorough	790:23	890:10	<b>told</b> 794:11	transfer 865:9
817:23	801:10	996:10	895:20	transferred
thought 788:8	812:19	timing 934:23	tomorrow	857:3 865:19
840:9,25	813:16 816:1	1048:8	1049:9,9	transition
870:13 914:7	816:12	title 1004:16	1097:21	870:22
928:17 938:8	828:13	1040:4,6	tonight	transmission
956:24	831:20	1065:15,16	1048:22	779:5,6,7
1004:7	838:10	titled 839:16	1049:5	810:1,3,8,17
thousand 983:2	845:22 858:8	1092:4	top 825:19	810:21 811:1
983:12	861:15 862:6	titles 1092:8	906:2,4	811:16,21
thousands	862:23	TMR-12	1005:12	814:19 815:2
818:3,11	864:16	1013:22	1008:13,13	815:7,11,13
three 779:15	869:18,19	TMR-8 1004:6	1014:15	815:17
784:23	876:6,10	1004:15	1076:1	843:10 844:4
790:23 791:1	885:14 893:5	1005:12,24	topic 804:12	844:8,9 845:1
791:2,2,22	896:6 901:15	1007:4,8	831:2 1029:6	845:2,6,7
800:25	916:1 920:19	1008:10,18	total 820:9	847:5,22
808:12	923:12	1009:14	861:13	850:3,5,9,25
839:14 843:7	930:21	1010:9	868:11 931:7	851:19
846:22	932:21 935:4	1011:23	948:20	852:18,20,24
861:21	937:4 939:11	1029:14	998:10,16	853:3,6,15,17
902:11	942:24	today 774:9	1001:25	853:18,20
1008:15,22	953:17	803:1 838:15	1073:3	857:9 858:1
1009:15	974:19 979:9	838:17 843:1	totalities	866:3 868:4
1015:24	988:10	854:22 855:9	1041:6	870:2,4,12,14
1016:15	989:20 995:6	856:1,8	totality 820:22	870:16
1043:13,13	1008:3	863:19	1041:1	873:10,12,24
1043:18,18	1019:6	868:23 872:6	<b>touched</b> 906:18	874:20 875:1
1046:17	1020:17	879:2 887:5	track 914:6	875:10,11,14
1069:23,24	1026:25	918:10 920:7	tracker 973:14	875:20 876:1
1070:2,3,13	1027:14	920:8 933:22	tragedy 862:1	876:2,9 877:4
1070:15	1029:25	943:25 944:4	transaction	890:22 893:9
1078:7	1036:5	970:16	859:23 865:8	909:2 912:7,9
tie 914:10	1038:7,18,21	974:12 980:2	868:13,22,23	912:11
1090:13	1038:25	994:22	868:25	913:20,22
tied 851:16	1041:4	1021:9	871:14 937:7	914:2 929:19
<b>Tim</b> 784:5	1050:8	1040:23	941:21	929:23 930:1
785:15 882:1	1055:3	1049:9	transactions	930:6 931:2,6
901:15	1080:12	1051:22,23	941:20	931:8,13
977:20	1082:25	1052:23	transcript	932:3,4
1002:23	1090:7	1078:20,24	770:6 793:17	944:12 946:5
1094:6	1097:22	1079:2	793:22	946:8,19
1096:20	1112:9,13	1084:6	794:20	947:18,23
1100:6,21	times 791:22	1097:20	892:16	948:2,11,12
	<u> </u>	<u> </u>	<u> </u>	

949:18 956:1         TRM-8         1008:1,2,5         turned 869:24         typical 905:10           956:3,7,8,10         1029:17         1009:3,14,15         1026:17         1003:10,           964:22,25         true 792:21,25         1010:10,11         turning 905:11         1004:5,5           965:2,4,7         793:1 812:12         1013:2         906:20         1004:15,           transmit 844:6         822:24         1023:18         Tuxedo 772:7         1005:2           856:21         824:20,25         1027:10         twice 904:17,20         1009:21           863:16 864:4         827:24         1044:12         two 779:11         1010:6           873:13,21         828:16 829:8         1052:1         785:6 825:21         1013:6           transmitting         837:14,17         1056:2,3         826:13 827:4         1019:23           869:24 870:7         854:11 906:8         1058:5         827:12         1030:5,8           931:18         967:6 974:15         1063:3,8,9,10         831:10,14         1031:14,           transport         994:25         1063:3,8,9,10         831:10,14         1031:14,	19 ,13 19
956:3,7,8,10         1029:17         1009:3,14,15         1026:17         1003:10,           964:22,25         true 792:21,25         1010:10,11         turning 905:11         1004:5,5           965:2,4,7         793:1 812:12         1013:2         906:20         1004:15,           transmit 844:6         822:24         1023:18         Tuxedo 772:7         1005:2           856:21         824:20,25         1027:10         twice 904:17,20         1009:21           863:16 864:4         827:24         1044:12         two 779:11         1010:6           873:13,21         828:16 829:8         1052:1         785:6 825:21         1013:6           transmitting         837:14,17         1056:2,3         826:13 827:4         1019:23           869:24 870:7         854:11 906:8         1058:5         827:12         1030:5,8           931:18         967:6 974:15         1059:12,23         829:12         1030:15	19 ,13 19
964:22,25         true 792:21,25         1010:10,11         turning 905:11         1004:5,5           965:2,4,7         793:1 812:12         1013:2         906:20         1004:15,           transmit 844:6         822:24         1023:18         Tuxedo 772:7         1005:2           856:21         824:20,25         1027:10         twice 904:17,20         1009:21           863:16 864:4         827:24         1044:12         two 779:11         1010:6           873:13,21         828:16 829:8         1052:1         785:6 825:21         1013:6           transmitting         837:14,17         1056:2,3         826:13 827:4         1019:23           869:24 870:7         854:11 906:8         1058:5         827:12         1030:5,8           931:18         967:6 974:15         1059:12,23         829:12         1030:15	,12
965:2,4,7         793:1 812:12         1013:2         906:20         1004:15,           transmit 844:6         822:24         1023:18         Tuxedo 772:7         1005:2           856:21         824:20,25         1027:10         twice 904:17,20         1009:21           863:16 864:4         827:24         1044:12         two 779:11         1010:6           873:13,21         828:16 829:8         1052:1         785:6 825:21         1013:6           transmitting         837:14,17         1056:2,3         826:13 827:4         1019:23           869:24 870:7         854:11 906:8         1058:5         827:12         1030:5,8           931:18         967:6 974:15         1059:12,23         829:12         1030:15	,12
856:21       824:20,25       1027:10       twice 904:17,20       1009:21         863:16 864:4       827:24       1044:12       two 779:11       1010:6         873:13,21       828:16 829:8       1052:1       785:6 825:21       1013:6         transmitting       837:14,17       1056:2,3       826:13 827:4       1019:23         869:24 870:7       854:11 906:8       1058:5       827:12       1030:5,8         931:18       967:6 974:15       1059:12,23       829:12       1030:15	
856:21       824:20,25       1027:10       twice 904:17,20       1009:21         863:16 864:4       827:24       1044:12       two 779:11       1010:6         873:13,21       828:16 829:8       1052:1       785:6 825:21       1013:6         transmitting       837:14,17       1056:2,3       826:13 827:4       1019:23         869:24 870:7       854:11 906:8       1058:5       827:12       1030:5,8         931:18       967:6 974:15       1059:12,23       829:12       1030:15	,
873:13,21       828:16 829:8       1052:1       785:6 825:21       1013:6         transmitting       837:14,17       1056:2,3       826:13 827:4       1019:23         869:24 870:7       854:11 906:8       1058:5       827:12       1030:5,8         931:18       967:6 974:15       1059:12,23       829:12       1030:15	,
transmitting         837:14,17         1056:2,3         826:13 827:4         1019:23           869:24 870:7         854:11 906:8         1058:5         827:12         1030:5,8           931:18         967:6 974:15         1059:12,23         829:12         1030:15	,
869:24 870:7     854:11 906:8     1058:5     827:12     1030:5,8       931:18     967:6 974:15     1059:12,23     829:12     1030:15	,
931:18 967:6 974:15 1059:12,23 829:12 1030:15	,
	21
	21
965:13 1023:5 1064:8 835:6,21 1032:3	
<b>transportation</b> 1035:21,22 1074:20 836:12 842:3 <b>typically</b>	
844:19 1045:9 <b>TR-12</b> 1031:10 846:14 830:25 8	99:1
948:19 949:2   1067:9   1031:19   848:25   905:18	
949:4,4.6,21   1084:9   <b>turbine</b> 853:5,7   862:22 863:8	
954:23 955:4   1112:11   862:4   874:4 897:7   <u>U</u>	
955:9,18,23 <b>true-up</b> 781:3 <b>turbines</b> 917:7 918:11 <b>UE</b> 853:19	,20
964:22,24 1097:23,23 848:22,25 928:12 856:20	
965:8,10,12 <b>truthfully</b> 849:7,12 968:10,20 1070:6	
965:17 897:1 853:9,19 969:1 977:3 <b>Uh-huh</b> 82	23:18
<b>transported try</b> 789:3 856:15 982:23 986:7 1004:18	
847:6 800:11,13,19 857:16 859:3 988:4 993:5 <b>ultimate</b> 80	08:8
trapped 877:5   801:9 818:6   859:5 861:12   999:22   ultimately	
treat 875:7,8 819:2,3,6 861:21 867:5 1005:19 805:19	
996:14,22 897:3 902:25 867:24 1009:7,9,17 852:23	
997:23 903:25 871:10 910:5 1010:4,6,13 875:21	
1001:20 923:15 944:9 910:10,12 1015:24 945:16	
treated 996:16   976:6 1021:3   930:15,20   1016:15   unable 852	2:6
996:21 1055:4 943:17 1020:16 860:7,9	
1001:22 1079:23 <b>turn</b> 831:1 1050:4,6 <b>unanimou</b>	S
treatment trying 787:19 833:3 834:22 1066:21 855:23	
889:25 791:13 898:19 903:9 1067:1 870:24	
966:16 797:23 927:16,20 1070:9 <b>unaudited</b>	
1001:16,16 807:17 824:4 940:10 997:7 1076:15 939:4	
tremendous 825:16 1003:3 1078:6 <b>unbiased</b>	
798:23 862:5 840:13 1009:16 1086:1 941:13	
<b>trials</b> 923:13 867:14 1010:4 <b>two-prong uncertain</b>	
tricky 1056:2 893:20 1011:21,22 859:23 908:7	
tried 804:12 902:20 1023:20,20 type 830:6,10 unclear	
846:18 855:7   935:14 937:8   1026:14   830:22   1058:12	
855:7 860:5 941:24 991:5 1029:10,16 889:22 988:2 <b>uncollectil</b>	ole
1007:24 999:4,5,25 1031:9 991:1 1013:2 996:17	
1059:11 1004:23 1043:22 1064:9 997:15 9	98:8
<b>triple</b> 832:5,11   1006:14,15   1060:15   <b>types</b> 887:22   998:11	
tripling 778:8   1007:13   1073:19   922:18   1001:17,	20

Г				
uncollectibles	842:2 858:7	995:17	unrelated	1021:6
996:14	884:13 887:2	1002:22	872:13	1035:8,11
997:23 998:3	929:6 969:5	1048:6	940:22	1042:21
1001:25	980:10	1081:10	<b>update</b> 969:4,9	1044:9,15
underline	1008:23	1089:6,8,9	969:17	1046:4
864:8	1013:17	unique 990:21	977:14	1047:7,14
underlying	1029:25	unit 854:22,23	1085:24	1049:9
857:11 864:6	1048:14	855:3,4,7,17	updated 967:3	1051:13,15
underpriced	1050:9	855:21 856:6	updates 1016:3	1051:21
993:18	1052:16	857:17 858:6	upgrades	1052:1,3,3,21
understand	1053:7,9	860:22	965:14,20	1052:23
778:8 784:17	1057:8	862:24 863:4	upstairs 813:6	1056:16,19
788:9 794:24	1064:8	863:11,21	urge 986:21	1057:7
814:11 815:5	1082:20	864:2 865:19	urges 851:11	1058:8,9,20
816:3,6,11	1085:11	873:12 874:2	851:22 852:4	1059:7
819:9 841:15	1086:1	887:25 904:1	852:11,18,25	1060:6
852:12	1088:18	904:4,12	854:9	1068:18
867:20	understood	905:22 906:2	usage 886:10	useful 915:17
893:12,15	789:3 903:23	906:3 907:15	1030:12	955:8,9,14,16
895:19	933:25	908:25	1035:6	955:19
900:25	1024:14	1040:7	1051:23	users 771:22
912:13	1088:13	<b>United</b> 775:19	1052:2	772:5 775:12
935:14	1095:9	844:20	1075:20,21	839:19
951:22	undertaken	units 781:15	<b>USDOE</b> 1073:3	876:13
968:16,19	857:5	861:20	use 802:23	1002:1
971:8	undertook	872:12	864:1 874:21	uses 1007:1
1006:16	891:22	874:17 904:9	888:1 895:25	1012:8
1007:10	under-collect	904:23,25	930:18 956:5	usually 965:17
1022:25	823:15 824:2	905:1,5,16,20	956:6 981:16	utilities 776:19
1023:12	831:21	906:12	982:22 983:7	797:20 802:5
1028:10	under-collect	908:19	983:13,15,16	802:9,19
1037:17	827:14,15	1020:16	988:8,12	823:25
1038:7	831:8 832:8	unmuting	989:6,11,11	842:21 873:3
1051:3	undoubtedly	977:13	989:21	883:24 885:3
1056:4	869:13 873:6	unprofitable	990:12,14	956:12
1058:13	875:18	849:22	992:5,8,14,22	975:18
1063:9	unfair 782:22	unquote	999:20	989:22
1075:15	783:8	837:15	1001:23	1107:3,5
1084:16	Unfortunately	860:18	1004:20	<b>utility</b> 782:25
1086:6	964:13	862:15,18,21	1005:7	783:7 797:15
1088:2	<b>uniform</b> 984:25	864:12 867:9	1008:11	799:1 803:6
understanding	<b>Union</b> 783:24	869:6,12	1009:9,11,15	817:17
781:6 788:20	786:1 856:16	870:18,22	1009:18	818:15 828:2
791:19 793:2	877:8 924:13	872:4 873:9	1010:12,16	844:10
793:19	971:20	unregulated	1010:16	860:18
813:23 815:1	975:16	849:9 862:12	1014:15,18	865:10 947:6
815:1 841:25	987:20	865:10,20	1014:23,24	947:12,13
L	l	l	l	l

948:6 956:25	850:22	948:17,24	1092:23,24	waiving 877:12
965:19	851:13,16,24	949:16 964:6	versions 879:8	walk 825:7
976:21 996:9	852:6,15	964:16,18,19	1091:10	1018:23
997:16	853:2,5,19	964:19,20,21	versus 830:18	1054:6
utility's 825:3	856:17,25	967:2,3,6,9	907:15 921:7	walked 1056:5
utilize 864:19	857:2 863:11	967:11,14	921:15,25	want 780:10
utilized 856:15	863:13	valued 847:24	922:7,8 932:4	785:6 793:25
866:1	864:12,20,24	865:14 871:5	view 939:24	795:2,7 825:6
<b>U.S</b> 864:17	865:1,6,14,18	930:14 941:8	943:14	840:19
1072:21	866:2,11,17	values 852:1	1023:4	855:25
	867:8,22	853:8,8	views 800:24	863:24,25
V	868:6,19,25	930:20 934:4	violated 822:14	866:5 877:23
<b>vague</b> 1001:3	869:3,21,23	938:18 967:8	violation 877:6	886:13
vaguely 910:2	871:5,15,23	valuing 849:25	877:6	899:12 905:2
valuable 931:9	872:1,4,7,9	variability	violations	909:20
valuation	872:12,15,17	798:8	889:12	913:21
845:14,19	874:22 876:4	variable	<b>virtual</b> 867:11	919:15
846:11	876:8 891:9	1033:16,19	virtually	928:16 934:7
847:14,14	893:9 907:4,8	1033:22	803:13	945:11 946:8
850:1,8 853:1	907:12 912:5	1034:1,5,11	859:17	949:3 954:17
859:11	913:5,9,10,11	1034:13	865:23	966:25 967:1
866:10	913:16 921:2	<b>varies</b> 989:7	virtue 823:23	968:12 969:5
870:20	921:3,6,12,13	various 802:19	visit 1090:8	976:7,14,23
871:16 873:7	921:13,19	925:23 936:8	volatility	977:9 987:22
873:9 874:24	922:3,12	937:11,11	782:24 783:6	989:20
922:18 923:7	926:4,7,15	941:20,20	<b>volume</b> 770:9	1008:10
926:10,13	929:14 931:3	1022:20,24	793:22	1009:2,4
928:24	931:8 934:10	1046:1	957:21	1021:6,7,7
930:13 931:7	935:15,21,21	1049:4	1101:6	1034:13
937:1,19	936:1,2,4,18	1051:23	<b>vs</b> 864:18	1038:3
939:23	936:24	1052:2		1048:8,9,13
941:16	937:15,16,18	1067:3	W	1048:13,16
943:12,15,16	938:2,19,21	vary 964:23,24	<b>W</b> 771:2,10	1049:5,8,24
944:14	940:21,24	964:25	774:12	1049:25
945:17 946:6	941:11,12,17	1075:19	wait 796:11	1054:3
946:9,11	941:17,24	vast 992:4	942:11	1057:15
948:9 967:12	942:3,7,13,14	ventures	993:15	1065:1
valuations	942:22,24	862:12	1057:18	1067:19
871:2 922:19	943:2,9,21,22	verification	1060:18	1070:22
939:16	944:5,16,21	901:2,4,6,14	waiting 838:25	1089:15
value 843:13	944:24 945:2	verified 1062:8	892:20,23	wanted 800:14
843:18,23,24	945:4,6,11,13	1062:14	waive 782:4,13	839:22
844:1 845:11	945:15,19,20	<b>verify</b> 1062:3	783:23 784:2	840:14
845:12 846:3	946:2,14,20	version 803:14	854:15	857:13
846:6,9,14,25	946:22 947:7	803:15 997:6	986:11	859:19 860:3
847:25,25	947:11,19,22	1045:16,18	waived 786:1	860:13
848:1 849:18	948:2,6,11,13	1047:16	waives 782:9	862:25 864:2
		I	l	I

	_	_		_
874:1 915:6	1030:2	West 771:11	975:9 977:13	1095:22
931:5 933:21	1035:4	894:23	979:1 983:6	1104:1
966:24 967:4	1046:8,9	western 915:15	986:14,15	1105:23
985:2,3	1048:16	956:23	991:4 993:20	Williams 773:1
1006:16	1049:12,17	<b>we'll</b> 774:8,9	1002:7	774:17 839:8
1020:9	1062:23	776:8,17	1009:2	841:19
1030:9	1065:3	777:16,21	1019:24	842:10 848:5
wanting 860:1	1071:11,12	782:13	1020:13	848:6 854:4
1075:4	1075:20	840:20	1021:10	880:13
wants 855:15	1086:1	841:20	1027:1	881:19
855:15	ways 965:18	846:15	1028:22	882:21
863:12,15	988:11	886:24	1033:13,14	895:14,19
874:12	996:17	902:23	1036:6	896:2,12
875:12 983:8	week 785:21	917:11,17	1038:18	897:14,18,23
993:16	weeks 932:1	937:14	1048:19	900:4,8,16,21
1010:21,24	weighted	967:25	1057:2,17	900:24 901:1
1088:23	983:13,21	976:24	1061:12	901:7,12,23
1093:2	weighting	977:10	1079:22	902:2,8,15,19
wasn't 787:6	801:20	1048:21	1086:17	902:25 903:7
790:1 793:6	Weisensee	1066:15	1088:8	903:8,24
798:4 886:6	1096:23	1081:11	1090:6	909:7 916:8
950:1 1001:3	1105:2,3,5	1087:5	1097:25	916:13,18
1014:20	1106:21,22	1098:11	we've 800:25	920:19
1032:9	1106:24	we're 776:13	801:3 824:6	922:16 923:4
1063:5	Weisensee's	780:22	840:13	924:6,21,23
water 846:24	1094:13	787:20	906:18	925:8 928:1,9
846:24,24	welcome	789:14 794:5	977:17	928:12
847:1,9,9,11	841:15	796:11	980:16	933:24 950:2
way 779:19	1081:20	802:20 803:2	1011:23	964:2,3
782:23	1098:6	815:18 839:5	1016:23	966:14
784:25	went 788:18	840:4,14	1019:16	967:17 970:1
805:12	793:6,8	841:7,18	1020:14	970:18
819:12 835:7	797:19 802:4	844:13	1024:4	971:14
835:11,15	805:12 806:1	847:17	1027:6,9	975:15
854:22	806:1 823:14	865:21 871:1	1038:19,24	1100:15,24
870:17	823:19	875:10 877:2	1049:1	1101:2,5,8
880:19	837:12,12	877:2,15	1063:1	<b>willing</b> 846:7,7
887:18	861:24	883:13	1073:17	846:8 868:24
903:25	930:15	890:21	Whichever	941:12,14,25
905:18	942:22	893:20	976:23	942:1,7 964:6
930:17 945:9	1005:6	904:10 916:6	wholesale	964:6,10,10
951:25 952:2	1006:15	934:12,15,17	778:2 801:5,6	964:12,14
954:9 956:5	1007:23	938:11	801:16	1087:6
967:5 981:23	1027:24	941:24	828:18,24	willingness
991:12	1028:4	943:24	wide 865:2	860:6
1001:23	1060:5	948:18,23	William	wind 915:15
1006:4	1079:20	952:20 954:7	1093:22	956:22,22,24
	l	1	l	l

winner	804:12	1069:10	882:11,12	wording
1009:17	806:14 807:4	1074:25	893:22,23,24	1055:15
winter 982:19	808:17 809:3	1077:16	894:3 895:3	words 904:16
982:22	809:6 810:14	1081:6	896:18,23	918:12 990:8
983:10,18	815:4 816:19	1082:5	897:6,13	work 790:6
984:6,7,13	820:4 825:12	1084:15,17	900:10,11	874:6 1051:4
988:9,21,23	834:3,7,10	1084:19	911:3 914:9	1051:6
990:16 993:8	877:16,18	1087:7,16	914:20	1051:0
993:9	878:6,7	1090:18	922:21 923:5	1052:2
1008:11,15	879:17	witnesses	924:16,17,18	1067:2,8
1008:18	880:12,16,18	784:18 786:1	925:9,10,11	1068:14
1009:16	881:1,24,25	813:25	927:5,8 928:5	1075:9
1011:25	882:3 883:3	839:14	928:11,13,18	1076:24
1014:2	883:10	851:25 852:5	928:22 929:5	1111:8
1043:13,18	892:21,25	852:12,19	929:12 932:8	worked 932:14
1052:22	897:21	853:12	934:6 950:15	1079:14
1052:22	903:17 916:7	877:24 878:1	951:4,8	working 789:6
1055:17	916:12 921:1	883:6 948:24	965:21 968:9	works 805:13
1056:14	921:3,5,17,21	967:24	969:7 971:22	841:21
1050:14	922:2,14,17	968:10 969:1	971:24	874:12
1058:22,23	923:22 924:6	976:2,6,8,11	972:14,19,21	921:16
1058:22,25	926:19 927:5	976:14,22	974:18 975:1	worth 852:3
1069:5	928:21	977:4,6,19,22	976:5 978:5	912:10 940:2
1079:18	929:10	978:18	986:17,18	942:5
1080:3,6,7,12	932:11	1002:7	995:22,24	wouldn't
1080:15	944:23	1049:14,17	1018:8,10	822:25 907:7
wish 775:18	946:16 951:6	1081:9	1045:4,5,6	977:22 999:3
776:14	954:16	1085:2	1048:3,24	999:7
779:21	967:20 968:4	1086:19	1065:25	1062:12,16
812:19	968:5 969:21	1087:2	1078:17	1062:12,10
wishes 814:8	969:24	1088:4,5,8	1088:7	wrap 1049:8
withdraw	972:13,18	1098:8	1090:15,17	1079:23
1012:17	975:1,9,21	<b>Wolf</b> 914:23	1091:6,7	writeoffs 860:6
1041:11	976:8,19	1094:15	1094:24	writes 910:3
1058:15	978:4 984:16	1096:25	1095:5	writing
1074:12,23	993:21,24	1105:7	1097:25	1054:21
withdrawal	995:5,14	1107:1	1098:6	written 981:7
839:19,21,21	1002:6,18	wondering	1100:16,23	994:22
Withdrawn	1019:1	927:9	1101:3,10,14	wrong 922:17
1074:24	1024:20,23	wood 989:13	1102:4	950:17
withdrew	1034:25	WOODRUFF	Woodsmall's	1019:25
850:16	1039:6,20	925:9	944:22	1061:9
witness 777:19	1041:1,20	Woodsmall	word 810:19	1078:8,9
781:21 784:4	1048:20,21	817:2,3	833:7 854:12	
785:23	1053:10	854:16,17,21	867:7 1024:9	X
787:15 790:1	1062:1,6,8	879:9,25	1024:10	<b>X</b> 1100:1
799:12,15,23	1064:23	880:2 881:8,9	1083:23	
				1

	 		1	l
Y	779:22	827:13,16,18	\$850,000	<b>04872</b> 983:6
<b>yeah</b> 837:17	780:20 784:5	827:21 828:1	827:13	<b>04968</b> 983:7
926:9 927:18	784:9,20	<b>\$16.58</b> 999:18	<b>\$9</b> 823:21	<b>059</b> 983:1
954:14	785:16,22	<b>\$165</b> 831:22	825:21	<b>0645</b> 1057:22
1007:15	794:16 795:6	<b>\$175</b> 868:14	826:14	<b>0664</b> 1014:12
1061:12,15	795:15 800:4	\$180,000	835:21	1015:3,10,11
1062:15	803:10,17,21	846:23	\$9,500,000	<b>06910</b> 1012:8
1068:6	804:2,18	\$2,139,206	826:1	1012:13
1072:19	805:4,6	985:24	<b>\$900,000</b> 827:1	<b>07</b> 937:4,4
<b>year</b> 778:1	806:16,18,20	<b>\$2.8</b> 832:22	\$919,000	941:21
825:17,21,24	807:6,17,22	<b>\$205.88</b> 868:16	832:18	1064:11
826:3,4,9,13	808:15	874:22	<b>\$950,000</b> 827:8	<b>073</b> 983:4,17
827:4,4 831:7	810:12 814:2	<b>\$25</b> 832:13		<b>07382</b> 983:14
835:21,21	816:2,13	<b>\$28</b> 952:12,23	0	<b>0742</b> 1014:2,14
836:11 851:3	819:17	<b>\$28.5</b> 951:24	<b>0.49</b> 1073:4	1014:16,23
851:22 857:2	820:13,15	952:5,9,23	<b>0.53</b> 1072:11,19	1014:25
861:10 868:1	825:11,13	<b>\$3</b> 932:6	<b>0.550</b> 1073:5	<b>0745</b> 1057:25
872:9 888:5	833:16	\$3,319,366	<b>0.57</b> 1072:8,19	<b>08</b> 937:7
890:6 913:24	834:16 835:3	985:23	<b>0.91</b> 1071:18	939:20
988:7,22	836:14,24	<b>\$3.10</b> 875:18	<b>0.96</b> 1071:15	941:22
1023:21	837:10	\$450,000	00 775:3	<b>083</b> 983:16
years 790:24	1100:3,6,8,11	826:17	<b>0052</b> 1108:20	<b>083264</b> 983:14
791:1,2	Zobrist's	\$5,458,572	<b>00612</b> 1006:11	<b>09</b> 1064:13
831:22	780:16	985:22	1007:17,23	<b>099</b> 982:24
832:21	793:13	<b>\$50,000</b> 827:9	1010:25	<b>09914</b> 1012:1
861:22	835:19,24	<b>\$50.88</b> 1075:20	<b>00619</b> 1006:22	
862:15,20		<b>\$500,000</b> 826:2	<b>0147</b> 1065:10	1
867:15	\$	<b>\$51.6</b> 851:25	1108:19	<b>1</b> 779:4 898:22
885:12,13	<b>\$1</b> 826:10	853:10	<b>0174</b> 775:2,12	906:1 917:12
933:4 965:4	\$1,350,000	939:25 940:7	968:25	970:8 971:2
1015:24	826:22	943:2,10,11	1003:3	998:20
1016:15	827:17	943:21	1063:17	999:21
1037:10,10	<b>\$1.2</b> 827:22	<b>\$604</b> 1077:8	1065:9	1022:4
1076:19	<b>\$1.50</b> 932:6	<b>\$61.2</b> 944:5	1066:22	1050:10,12
year-round	<b>\$1.55</b> 875:17	<b>\$61.5</b> 947:22	1083:9	1051:8,11,20
890:18	<b>\$10</b> 823:20	<b>\$61.7</b> 869:1	1092:3,18	1059:1,13
York 874:4	825:18	<b>\$61.8</b> 849:19	<b>0175</b> 968:24	1060:19,21
947:13,16	837:12	850:1 851:14	1017:7	1061:14
younger 868:1	<b>\$100.24</b> 1077:8	926:5 944:19	1050:1,3	1062:24
	<b>\$104</b> 868:13	\$674.88	1061:11,13	1064:1,12,13
<b>Z</b>	<b>\$11</b> 912:10	1075:20	1083:22	1083:5,18
<b>zero</b> 919:5	913:23	\$7,650,000	1091:12,14	1092:18,20
992:21	<b>\$11.14</b> 999:17	826:21	1092:6	1095:16
<b>Zobrist</b> 771:2	<b>\$117</b> 852:1	<b>\$71</b> 868:12	<b>0180</b> 895:24	1103:3
774:10,12	<b>\$14.9</b> 822:18	\$8,550,000	896:5 898:1	1st 899:4
776:20,21	<b>\$15</b> 849:21	826:16	899:15	<b>1,000</b> 982:24
778:20	\$150,000	<b>\$8.3</b> 832:12	1108:22	983:5,5,11,16
	l	I	l	l

MIDWEST LITIGATION SERVICES Phone: 1.800.280.3376

	-	-	•	-
<b>1.0</b> 1071:9	<b>105</b> 849:6	<b>1100</b> 771:3	<b>123</b> 922:1	1096:22
<b>1.35</b> 836:12	1095:25	<b>11028</b> 1005:13	1096:14	1106:15
<b>1.5</b> 836:8	1105:10	1006:1,22	<b>124</b> 1096:15	<b>138</b> 1096:23
<b>1.8</b> 832:6	<b>106HC</b> 1095:25	1007:15	<b>125</b> 880:24	1106:17
<b>10</b> 792:1 829:3	<b>1066</b> 1111:8	1010:17	1096:15	<b>139</b> 1096:23
835:21 974:9	<b>1067</b> 1111:8	<b>1103</b> 994:5	<b>126</b> 1096:16	1106:19
1030:22	<b>1069</b> 1102:5	<b>111</b> 1096:4	1106:1	<b>14</b> 849:19
1032:12	<b>107</b> 1096:1	<b>112HC</b> 1096:5	<b>127</b> 1096:17	851:14 852:2
<b>10HC</b> 1093:8	<b>1070</b> 1102:5	<b>113</b> 1096:6	1106:3	918:12,13
<b>10,000</b> 904:18	<b>1077</b> 1102:6	113HC/NP	<b>128</b> 1096:17	1009:5
904:20	<b>108</b> 1096:2	1105:12	1106:5	1014:9
<b>10.46</b> 1064:11	<b>1082</b> 1102:8	<b>1147</b> 1057:13	<b>129</b> 1096:17	1093:11
<b>10.48</b> 1010:7	<b>1085</b> 1110:23	<b>115</b> 793:21	1106:7	1103:10
<b>10.880</b> 1057:11	1110:25	1096:8	<b>13</b> 787:25	<b>14.8</b> 1068:22
<b>10.9</b> 1084:2	1111:1,4,5,7	<b>116</b> 1096:8	788:4,14	1080:1
<b>100</b> 798:13	<b>109</b> 1096:3	<b>117</b> 879:9,15	973:11	<b>14.80</b> 1080:4
801:22,23,25	<b>1091</b> 1109:25	1096:9	1032:10	<b>140</b> 1096:24
802:10 803:3	1110:2,13	1105:13	1045:22	1106:20
804:21 851:8	<b>1092</b> 1109:8,10	<b>118</b> 879:15	1083:6	<b>141</b> 1096:24
1095:21	1109:16,18	<b>118HC</b> 1096:10	1093:11	1106:22
1097:12	<b>1095</b> 1103:4,6,7	118NP/HC	<b>13.19</b> 1010:7	<b>142</b> 1096:24
1105:9	1103:9,11,13	1105:15	<b>13.7</b> 1084:1	1106:23
<b>1000</b> 1101:19	1103:20,22	<b>119</b> 879:9,15	<b>13.8</b> 1084:3	<b>143</b> 1097:1,12
<b>1001</b> 1101:19	1103:24	919:4	<b>130</b> 771:16	1107:1
<b>1002</b> 1101:21	1104:2,4,6,8	1108:17	995:5	<b>146</b> 803:12,14
<b>101</b> 771:7	1104:10,12	<b>119HC</b> 1096:10	1096:18	803:18 805:2
772:18	1104:13,18	119NP/HC	1106:9	922:1 1107:2
1095:22	1104:20,22	1105:17	<b>131</b> 1096:18	<b>147</b> 803:16,18
<b>1018</b> 1101:21	1104:24	<b>12</b> 805:18	1106:11	805:2 901:13
<b>102HC</b> 1095:23	1105:2,3,5,7	828:17	<b>132</b> 776:12	1107:4
<b>1021</b> 1101:22	<b>1097</b> 1105:9,11	1005:23	994:15 995:5	<b>148</b> 825:9,12
<b>1026</b> 1101:22	1105:12,20	1057:18	995:12	833:17,21
<b>103</b> 997:8	1105:22,23	1080:4	1096:19	835:4,20,25
<b>103HC</b> 1095:23	1106:2,4,6,8	1083:5,15,18	1106:12	1107:6
<b>1039</b> 1102:3	1106:10,11	1093:10	<b>133</b> 776:12	<b>15</b> 826:6,23
<b>104HC</b> 1095:24	1106:16,18	<b>12th</b> 1083:3	994:15 995:5	836:5 841:4,5
1096:7	1106:19,21	<b>12.58</b> 1013:15	995:12	916:2 1009:5
<b>1041</b> 1107:9,11	1106:22,24	1031:15,24	1096:20	1014:5
1107:12,14	1107:1	1032:5	1106:14	1015:2,9,11
1107:24	<b>11</b> 892:11	<b>120</b> 1096:11	<b>1330</b> 998:21	1030:20
1108:1,9	893:2 918:12	1105:19	<b>134</b> 784:11	1083:20
1109:2	1012:20,24	<b>1209</b> 771:20	<b>134HC</b> 1096:20	<b>15HC</b> 1093:12
<b>10416</b> 1006:4	1037:10	772:2	<b>135</b> 784:12	<b>15th</b> 892:17
1006:23	1093:9	<b>121</b> 1096:12	1096:21	15-minute
<b>1042</b> 1102:3	<b>11.0</b> 1084:3	1105:21	<b>136</b> 784:12	840:17,21
<b>1045</b> 1102:4	<b>11.08</b> 1000:12	<b>122</b> 1096:13	1096:21	<b>15.1</b> 1030:20
<b>1049</b> 1102:4	<b>110</b> 1096:4	1105:23	<b>137</b> 793:22	<b>150,000</b> 846:23
	<u> </u>	1	<u> </u>	ı

	·			1
<b>16</b> 974:5	2	868:3	<b>211</b> 1040:12	<b>257</b> 1092:4,13
1056:16	<b>2</b> 787:12	<b>2007</b> 831:14	1041:17	<b>258</b> 809:20
1058:18	805:15,19	845:20	1107:9	917:1 919:25
1093:12	806:2 833:4	851:23 852:3	<b>212</b> 1040:9	920:20,25
<b>16.02</b> 921:14	889:14	853:11	1041:17	924:3 970:6
<b>16.08</b> 1068:19	898:22	859:22 862:9	1107:10	970:14,20
<b>16.16</b> 1064:13	927:16 971:3	868:3 871:24	<b>22</b> 879:8,14	971:12
<b>16.61</b> 1000:12	999:12,14	891:2,11,18	1012:4	1092:6,13
<b>17</b> 787:23	1034:8	891:20,25	1093:17	1107:15
906:22 974:5	1060:19	892:2,17	1103:14	<b>259</b> 917:1
1057:6	1062:20	911:16,22	<b>22nd</b> 1083:14	919:25
<b>17HC</b> 1093:13	1064:1	912:14	<b>22.58</b> 1032:15	920:25
<b>17.53</b> 1075:24	1083:25,25	913:12 914:4	<b>221</b> 772:18	970:14,20
<b>174</b> 775:3	1092:20	914:14 974:8	<b>2230</b> 772:22	971:12
968:21	<b>2d</b> 921:8 922:8	974:9 1064:7	<b>23</b> 879:8,8,14	<b>259HC</b> 920:20
974:21 978:7	<b>2nd</b> 921:16	1074:7,25	1006:7	924:3 970:7
980:10,11	<b>2,800</b> 846:21	<b>2008</b> 831:14	1010:25	1107:16
1061:9	<b>20</b> 833:4	848:24	1083:19	<b>26</b> 971:2
1073:20	885:13 918:6	849:19	<b>23HC</b> 1093:18	1093:20
1083:2,18	957:21	851:15 852:2	23NP/HC	1103:21
<b>175</b> 775:4	967:21	898:12 974:8	1103:15	<b>260</b> 809:24
968:21	1093:15	974:9	<b>23.3</b> 973:19	917:14 920:1
974:21 978:9	1101:6	1064:12	<b>230</b> 771:11	920:20 924:3
978:9 980:10	<b>20,000</b> 904:17	<b>201</b> 994:5	<b>233</b> 1040:14	970:9,14,20
1012:20	904:21	<b>2010</b> 777:5	1041:17	971:12
1071:5	20-year 885:8	819:25 866:7	1107:12	1107:18
1075:10	<b>200</b> 771:16	891:22	<b>24</b> 879:14	<b>262</b> 917:21
1083:25	772:22 773:3	892:10	886:7 918:24	920:2,20
1095:11	858:2 1092:4	<b>2011</b> 831:18	1030:15	924:3
<b>18</b> 790:13	1092:13	849:10 851:7	<b>24HC</b> 879:9	1107:19
859:5 974:8	<b>2001</b> 858:23	851:9 872:21	1093:19	<b>263</b> 809:20
1019:5	885:3 898:10	919:5 927:13	24NP/HC	920:2
1056:16	898:13 899:5	1083:7,8	1103:17	<b>263HC</b> 917:21
1061:7	1083:6,19	2011-0356	<b>24th</b> 1083:7,21	920:20 924:4
1093:13	<b>2002</b> 849:9	850:7	<b>24.03</b> 1029:20	1107:21
1103:12	857:20	<b>2012</b> 770:8	1030:11,12	<b>265</b> 831:19
<b>180</b> 819:3	859:14	793:23 822:5	<b>24.66</b> 1069:3	919:14 920:6
<b>1898</b> 864:16	867:25	831:18 886:3	<b>25</b> 810:14	920:21 924:4
<b>19</b> 770:9	966:23	886:6,25	821:16	1107:22
787:22	<b>2003</b> 1083:5,19	926:3	1093:20	<b>267</b> 811:10
918:23	<b>2004</b> 849:2	1083:14,15	1103:19	829:5,9
1058:18	<b>2005</b> 849:6	1108:24	<b>25/75</b> 802:3	1040:12
<b>19HC</b> 1093:15	852:6 861:5	<b>205.88</b> 868:19	250,000	1041:18
<b>19609</b> 994:6	899:5 930:15	<b>21</b> 917:13	1026:25	1107:24
<b>1979</b> 932:17	930:25	1033:1	<b>255</b> 1040:17	<b>268</b> 1040:9
<b>1990</b> 921:17	1038:16	1083:6	1041:17	1041:18
<b>1992</b> 997:5	<b>2006</b> 867:18	1093:16	1107:13	1108:1
	<u> </u>	<u> </u>	<u> </u>	I

			-	
<b>269</b> 812:1	816:16	1037:10	314)725-8788	901:25
813:18,18	1108:10	<b>300</b> 848:14	771:17	903:10 904:8
814:3 816:16	<b>292</b> 918:19	951:24 952:4	<b>32</b> 811:14	904:23
831:2 1108:2	920:5,21	952:9,12	1094:1	<b>393HC</b> 895:16
<b>27</b> 943:4	924:4	953:6,15,22	1104:3	901:21
1093:22	1108:12	954:13,23	<b>33</b> 917:13	1108:18
1103:23	<b>293</b> 920:5	<b>300,000</b> 868:18	998:20	<b>393.230.1</b> 865:1
<b>27th</b> 851:8	<b>293HC</b> 918:19	868:19	999:16	<b>394</b> 895:19,20
872:21	920:21 924:4	<b>3001</b> 1092:7,14	1000:9	900:17
927:12	1108:14	<b>3011</b> 1040:17	1094:1	902:13
<b>270</b> 812:1	<b>299</b> 921:8	1041:18	1104:5	905:12,25
813:18 814:3	1092:7,14	1109:1	<b>33.7</b> 1068:11	906:13
816:16		<b>3013</b> 1092:7,14	<b>34</b> 1031:1,3,7	<b>394HC</b> 895:16
820:13	3	<b>302</b> 979:3,12	1094:3	901:10
<b>270HC</b> 1108:4	<b>3</b> 787:13	1109:4	1104:7	1108:20
<b>271</b> 918:4	820:14 827:3	<b>303</b> 979:6,12	<b>340</b> 868:11	<b>395</b> 895:21
920:4,20,25	892:1,5	1109:6	<b>3420</b> 772:11	896:4,6
922:8 924:4	917:20 920:3	<b>304</b> 978:23	<b>35</b> 1094:3	897:25 898:6
1108:6	927:20 971:3	<b>305</b> 1091:10	1104:9	901:24
<b>272</b> 832:16	973:16	1092:1	<b>35.55</b> 1069:5	906:18
920:4,25	998:20	305NP/HC	<b>36</b> 1094:3	<b>395HC</b> 895:16
<b>272HC</b> 918:5	1004:6,15,16	1109:8	1104:11	900:14
920:21 924:4	1005:12,24	<b>306</b> 1091:11	<b>36.4</b> 831:7	1108:21
1108:7	1007:4,8	1092:1	<b>360</b> 773:2	<b>396</b> 895:18
<b>273</b> 821:13,14	1008:10,18	<b>309</b> 979:6,12	1040:5	<b>397</b> 794:6,8,9
<b>274</b> 820:13	1009:14,18	1109:12	<b>37</b> 1094:4	794:13
<b>278</b> 810:8,15	1019:4	<b>31</b> 821:12,15,19	1104:13	795:20
<b>28</b> 952:24	1034:6,7	930:25	<b>38</b> 776:11	808:20,24
971:2 1083:4	1061:21	1067:25	994:14 995:4	1108:23
1083:16	1071:5	1083:16	995:11	
1093:23	1072:4	1093:25	1094:5	4
1104:1	1092:21	<b>31st</b> 926:3	1104:14	<b>4</b> 779:22 788:1
<b>28.5</b> 952:17	<b>3d</b> 922:8	1083:8,21	386.226.4	790:14
<b>280</b> 781:1	<b>3rd</b> 922:1	<b>31.9</b> 1067:23,25	787:24	793:22
<b>281</b> 781:1	<b>3.03</b> 1010:7	<b>310</b> 979:8,12	<b>386.266.1</b> 825:1	809:17 822:5
<b>282</b> 970:11,14	<b>3.2</b> 1061:2,16	1109:14	<b>39</b> 776:11	828:7 829:13
970:21	1061:24	<b>3100</b> 771:20	994:14 995:4	829:16 891:1
971:12	1062:9	772:2	995:11	906:1 999:12
<b>287</b> 1040:15	1068:8	<b>311</b> 1091:13	1094:5	999:14
1041:18	1077:24	1092:1	1104:16	1000:7,7
1108:9	<b>3.34</b> 1080:9	311NP/HC	<b>392</b> 924:24	1010:9,10
<b>29</b> 770:8	<b>30</b> 802:16	1109:16	957:9,10	1011:22
1093:24	821:11,14,18	<b>312</b> 772:14	1090:2	1029:17
<b>29.53</b> 1068:25	885:12	1091:14	<b>392HC</b> 916:4	1050:4
1080:8	940:11	1092:1	919:9 925:1,6	1062:21
<b>290</b> 812:3	1093:25	312NP/HC	1108:16	1063:21
813:18 814:4	30-some	1109:17	<b>393</b> 901:12,24	1076:15
	<u> </u>	1		

	1	1	1	1
1077:3,4	<b>43</b> 918:11	1092:22	573)556-6621	<b>628</b> 1082:21
1092:21	<b>43HC</b> 1094:9	1108:24	772:19	1111:3
<b>4CP</b> 1047:14	<b>43.8</b> 1075:1	<b>5th</b> 793:23	573)635-7166	<b>629</b> 1082:22
<b>4NCP</b> 1047:8	<b>43.80</b> 1064:18	<b>5.1</b> 913:25	772:15	1111:5
1047:17	<b>431</b> 978:8,11,16	<b>5.19</b> 1005:2	573)636-6263	<b>630</b> 1082:22
<b>4NE</b> 1069:20	1110:14	<b>5.2</b> 913:25,25	771:12	1084:14
<b>4th</b> 851:7	<b>432</b> 978:9	<b>5.25</b> 1064:16	573)636-6758	1085:8
<b>4,000</b> 1075:21	1110:16	<b>5.5</b> 808:7 832:7	771:8	1111:6
<b>4-17</b> 1043:15	<b>433</b> 978:10,11	<b>5.6</b> 992:17	573)751-3234	<b>631</b> 1066:8
1044:1	978:16	<b>50</b> 936:4	773:4	1067:13,16
<b>40HC</b> 1094:7	1110:17	1094:14	573)751-4857	1111:8
<b>400</b> 771:7	<b>44HC</b> 1094:10	1105:3	772:23	63105-1913
973:6 974:20	44HC/NP	<b>50/50</b> 783:17		771:17
974:24 983:1	1104:17	<b>500</b> 849:3	6	<b>63119</b> 772:7
1057:15,16	<b>45</b> 886:4	851:18	<b>6</b> 790:15 808:5	<b>635</b> 922:8
1109:21	1043:22,24	857:24 858:5	906:21,22	<b>64</b> 992:19
<b>401</b> 973:6	1044:5	868:7 930:24	953:3,11	<b>64111</b> 771:4,21
974:21,24	1094:10	<b>500,000</b> 836:8	973:16	772:3,12
1109:22	45HC/NP	<b>509</b> 779:12	984:11,13	<b>650</b> 772:22
<b>402</b> 1090:20	1104:19	<b>51</b> 803:8,11	1073:20,22	<b>65101</b> 771:8,12
1091:2	<b>450</b> 836:12	804:5	1083:9,10	65101-1574
1109:24	<b>4520</b> 771:3	1094:14	1092:23	772:19
<b>403</b> 1090:20	<b>46</b> 1094:12	1105:4	<b>6.1</b> 992:18	<b>65102</b> 773:3
1091:2	1104:21	<b>51.6</b> 852:3	<b>6.19</b> 1003:20	1040:5
1110:1	<b>47</b> 1094:12	872:2,4,10,15	1004:4,10,23	65102-0456
<b>406</b> 978:6,11,15	1104:23	876:5 936:5,6	<b>6.50</b> 1064:12	772:15
1110:3	<b>48</b> 1094:13	937:5 938:14	6.967592	65102-2230
<b>407</b> 978:7	1104:25	938:20 941:1	1068:5	772:23
1110:4	<b>49</b> 1105:1	943:22 944:6	<b>60</b> 918:20	<b>675</b> 979:17,23
<b>408</b> 978:8,11,15	<b>49HC</b> 1094:13	944:7	1043:6	1111:10
1110:6	<b>490.065</b> 921:23	<b>510</b> 868:12	600 982:25	<b>676</b> 979:19
<b>41HC</b> 1094:8		<b>52</b> 900:18	1057:11	
<b>412</b> 854:18,19	5	1092:18	<b>61</b> 944:5,17	7
1110:19	<b>5</b> 776:25 777:2	1094:15	1043:8	<b>7</b> 787:23
<b>42</b> 892:11	783:8 791:10	1095:16	61,764,000	891:21
893:2	797:15,24	1105:6	868:20	950:13,15,18
1046:24	798:6 808:4	<b>525</b> 854:24	<b>61.8</b> 944:18	951:15
<b>42HC</b> 1094:8	809:24	861:13	<b>62.4</b> 992:22	1017:7
<b>425</b> 973:25	811:14 823:3	<b>53</b> 1046:24	<b>625</b> 1082:21	1065:9,10,11
974:21,24	823:4,16	<b>54,000</b> 886:10	1084:14	1083:23
1110:9	824:3 828:7	<b>552</b> 922:8	1085:8	1092:24
<b>426</b> 973:25	832:4 836:2	<b>565</b> 779:9	1110:23	<b>7EA</b> 859:5
974:21,24	886:3 952:23	810:5,25	<b>626</b> 1082:21	<b>7HC</b> 1093:6
1110:10	982:16 984:8	811:17	1110:24	7HC/NP
<b>429</b> 1090:22	992:17	815:14	<b>627</b> 1082:21	1103:5
1091:2	1076:25	573)424-6779	1083:14	<b>7,765</b> 826:21
1110:12	1077:6	772:8	1111:1	7,790,339
L	<u> </u>	<u> </u>	<u> </u>	I

998:20	816)360-5976	1108:22	779:23	
<b>7.0</b> 1068:1	772:12	<b>896</b> 921:16	780:14 792:7	
<b>7.8</b> 993:2	816)460-2545	<b>897</b> 1100:24	798:10	
<b>7:52</b> 1098:14	771:4		801:20	
<b>70</b> 802:16	816)753-1122	9	804:20	
813:18 820:7	772:3	<b>9</b> 810:8 837:12	806:22	
<b>73</b> 821:11	<b>817</b> 1100:11	943:5 1004:6	807:10,25	
917:2	<b>819</b> 1100:11	1004:15,17	819:21 820:9	
75-megawatt	<b>825</b> 1107:7	1005:12,24	822:21	
857:16	<b>833</b> 1107:7	1007:4,8	824:19	
<b>75/25</b> 777:6	<b>834</b> 1100:12	1008:10,19	826:15	
780:21 820:2	<b>84</b> 917:2	1009:14	827:23	
<b>77</b> 851:8	<b>842</b> 1100:15	1010:10,10	<b>950</b> 922:7	
<b>776</b> 1100:3	<b>848</b> 1100:15	1029:17	<b>958</b> 957:21	
1104:15,16	<b>85</b> 826:6 836:6	1063:19	<b>96</b> 850:7,9	
1106:13,14	837:8	1083:23	<b>961</b> 1101:6	
<b>778</b> 1100:3	<b>85/15</b> 777:8,20	<b>9HC</b> 1093:8	<b>963</b> 957:21	
<b>782</b> 1100:4	777:21	9HC/NP	<b>964</b> 1101:5	
<b>783</b> 921:16	779:23	1103:8	<b>970</b> 1101:8	
<b>785</b> 1100:6	780:22	<b>9.6</b> 993:1	<b>972</b> 1101:10	
<b>787</b> 1100:7	806:22	<b>90</b> 841:9,12	<b>974</b> 1109:21,23	
<b>79</b> 852:8	807:10,25	<b>90s</b> 858:17	1110:3,5,7,9	
932:18,19	808:13	860:16	1110:11	
933:5 992:14	819:22 820:9	<b>900</b> 1108:22	<b>978</b> 1110:3,5,7	
<b>795</b> 1108:24	822:21	<b>901</b> 997:9	1110:15,15	
<b>796</b> 1100:7	824:19	1108:19,20	1110:16,16	
	826:20	<b>904</b> 998:11	1110:18,18	
8	827:11,23	999:5,6	<b>979</b> 1109:5,5,7	
<b>8</b> 1003:4	836:4	<b>905</b> 997:9	1109:7,13,13	
1009:18,23	<b>850,000</b> 868:13	<b>909</b> 1100:24	1109:15,15	
1010:5	<b>854</b> 1100:16,16	<b>916</b> 1101:2	1111:11,11	
1045:22	1110:20	1108:17	<b>98</b> 1046:23	
1060:21	<b>857</b> 921:8	<b>924</b> 1101:3	<b>980</b> 1101:13	
1061:6,15	<b>871</b> 772:7	1107:15,17	<b>982</b> 1101:13	
1073:22	<b>876</b> 1100:17	1107:18,20	<b>985</b> 1101:14	
1093:7	<b>878</b> 1100:19	1107:21,23	<b>986</b> 1101:14	
8HC/NP	<b>879</b> 1103:14,14	1108:6,8,13	<b>987</b> 1101:15,15	
1103:7	1103:16,16	1108:15	<b>99</b> 850:9,10	
<b>8/22</b> 1005:22	1103:18,18	<b>925</b> 1108:17	<b>994</b> 1101:18	
<b>8:30</b> 1097:21	1105:14,14	<b>93</b> 1063:21	<b>995</b> 1104:15,16	
<b>8:38</b> 774:1	1105:16,16	<b>932</b> 1101:3	1106:13,14	
<b>800</b> 1100:8	1105:18,18	933 1101:4	<b>996</b> 1101:18	
<b>803</b> 1107:3,5	<b>880</b> 1100:20	<b>95</b> 776:24,25		
<b>805</b> 1107:3,5	<b>882</b> 1100:21	783:5 797:4		
808 1108:24	<b>883</b> 1100:23	805:20,21		
<b>809</b> 1100:10	<b>893</b> 1100:23	825:25		
<b>816</b> 1108:3,5,11	<b>895</b> 1108:19,20	<b>95/5</b> 777:21		
	<u> </u>	<u> </u>	<u> </u>	