1	STATE OF MISSOURI
2	PUBLIC SERVICE COMMISSION
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4	TRANSCRIPT OF PROCEEDINGS
5	LOCAL PUBLIC HEARING
6	February 8, 2018
7	Joplin, Missouri
8	Volume 1
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12	In the Matter Of The )
13	Application Of The ) Empire District Electric ) File No. EO-2018-0092 Company For Approval Of )
14	Its Customer Savings ) Plan )
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20	MICHAEL BUSHMANN, Presiding REGULATORY LAW JUDGE
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22	WILLIAM KENNEY, Commissioner
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25	REPORTED BY: PAULA C. VOYLES, CCR, RPR, CRR

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1	PROCEEDINGS
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3	(Commencing at 6:39 o'clock p.m.)
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5	JUDGE BUSHMANN: Good evening. It's
б	February 8th, 2018. We're in Joplin, Missouri. The
7	Missouri Public Service Commission has set this time
8	for a local public hearing in the case captioned as
9	In the Matter of the Application of the Empire
10	District Electric Company For Approval of its
11	Consumer Savings Plan, file number EO-2018-0092.
12	My name is Michael Bushmann. I'm the
13	regulatory law judge that will be residing over this
14	hearing. With me this evening is Commissioner Bill
15	Kenney.
16	Commissioner, want to make an
17	introduction?
18	COMMISSIONER KENNEY: Thank you, Judge.
19	Good evening, folks. I appreciate you coming out
20	tonight. I hope that our Staff, Office of Public
21	Counsel, and the Company have been able to answer
22	your questions.
23	This is just one process that we go
24	through. We will have an evidentiary hearing in
25	April. I am one of five commissioners that will

1	make a determination on what takes place. The other
2	four commissioners are able to read what you have to
3	say tonight. We have a court reporter that will
4	take it down and it will be part of our evidence.
5	But again, I appreciate you showing up.
6	JUDGE BUSHMANN: Let's have counsel make
7	their entries of appearance. For the Empire
8	District Electric Company?
9	MS. CARTER: Diane Carter with Brydon,
10	Swearengen & England, 312 East Capitol Avenue,
11	Jefferson City, Missouri, for the Empire District
12	Electric Company.
13	JUDGE BUSHMANN: Thank you. Commission
14	Staff?
15	MS. FORCK: For the Staff of the
16	Missouri Public Service Commission, I'm
17	Marcie Forck, and my information has been provided
18	to the court reporter.
19	JUDGE BUSHMANN: Thank you. Office of
20	the Public Counsel?
21	MR. WILLIAMS: Thank you, Judge. For
22	the Office of the Public Counsel, Hampton Williams,
23	Director of Public Counsel. My contact information
24	has been provided to the court reporter.
25	JUDGE BUSHMANN: Thank you. Are counsel

1 for any of the intervenors present? If so, you can 2 make your entry now. 3 MR. EDWARDS: Peter Edwards for the City 4 of Joplin. 5 JUDGE BUSHMANN: Thank you. Any others? 6 [No audible response]. I don't think so. 7 Well, for those of you who would like to 8 provide testimony tonight, I'm going to call the 9 names on the sign-up sheet. And when I call your 10 name, you can come down to one of the two 11 microphones in the aisle and I'll ask you to state 12 your name after I put you under oath, and then you 13 can make your comments to the Commission. 14 The Commission has established some 15 ground rules for the hearing tonight to try and give 16 everybody a chance to testify within a reasonable 17 period of time. 18 Your testimony is limited to five 19 minutes per person. I'll have a timer here next to 20 me that will help you keep track of the time and 21 will give you a warning when the time is expired. 2.2 If you haven't finished your testimony 23 at that point, you can provide it in writing to the 24 Commission or on the Commission's website, and the Commission Staff has a table at the back of the room 25

1 who can give you information on how to do that. Let's go ahead and start testimony, and 2 the first witness I have is Derick Barnes. 3 4 Mr. Barnes, can you come forward, please? 5 Raise your right hand, please. Do you 6 solemnly swear or affirm that the testimony you are 7 about to give is the truth? 8 MR. BARNES: Yes, sir. 9 JUDGE BUSHMANN: Could you state your 10 name and spell your name, please? 11 MR. BARNES: Yes. Derick Barnes. D-E-R-I-C-K, B-A-R-N-E-S. 12 13 JUDGE BUSHMANN: Please go ahead. 14 MR. BARNES: Okay. Good evening. My 15 name is Derick Barnes. I'm from Heavy Construction 16 Laborers' Local 663 and 319. I'm a Missouri 17 resident. I appreciate the opportunity to address on behalf of the Laborers' International Union North 18 19 America. We have 2,000 members in Missouri. We cover 37 counties in western Missouri. We live 20 21 here, we pay our taxes here, and we spend our money 2.2 here. 23 We certainly appreciate Empire's desire to lower utility rates for our members and families. 24 25 However, we have a number of questions regarding the

proposal and its potential benefit to Missourians. 1 2 First of all, our members will be impacted by Empire's proposal of the closing of the 3 4 Asbury coal plant. Over the years, many of our 5 members have worked during outages and maintenance 6 and upgrades at the plant. We are sad that these 7 good-paying, family-supporting jobs will be lost. 8 This can be devastating to many individuals. 9 We are also worried about the promise of the new jobs associated with the wind generation 10 11 portion of the proposal. Will Missouri residents 12 actually get to bid -- build these wind farms or will they be in other places where the average 13 14 Missouri worker cannot commute to? 15 We monitor wind farm construction all 16 around Missouri and the Midwest, and we can tell you 17 that there's only a handful of construction companies that build these size of projects and none 18 19 are based in Missouri. 20 Due to that fact, many bring their 21 out-of-town workforce with them. Will Minnesota or 2.2 North Dakota construction workers end up building 23 wind farms that Missouri residents are paying for? 24 The way to solve that problem is to ask 25 Empire to partner with us, with the groups at risk

losing their jobs at the coal plant, both in-house
jobs and contracted out, and ensure that the new
wind jobs benefit Missouri's residents. The
Commission has the authority to require this.
When Algonquin from Canada decided to
acquire Empire last year, we tried to get involved
in the merger as an intervenor to put protections in
place for Missouri residents. We wanted local
hiring of Missouri residents for Empire's
construction projects.
We applaud Empire agreeing to do this by
adopting a reasonable contractor policy for projects
over a million dollars and consider the following
criteria: "Empire commits to implementing a
reasonable contractor policy for construction and
maintenance projects that include fixed price
contracts in excess of \$1 million. The policy shall
consider the inclusion of the following principles
and guidelines, including experience with past
projects, robustness of safety programs, commitment
to quality, skilled workforce, financial integrity
cost, and overall prudency and local sourcing
[sic]."
The Commission has the authority to
require Empire to fulfill the promises as part of

1 this huge wind construction plan. We strongly encourage the Commission to do -- to remember its 2 3 public service duty when making this decision. Any 4 questions? 5 COMMISSIONER KENNEY: Thank you, sir. 6 JUDGE BUSHMANN: Thank you. 7 MR. BARNES: Thank you. JUDGE BUSHMANN: Peter Edwards. 8 Mr. 9 Edwards, you said you were counsel for an intervenor. Is that correct? 10 MR. EDWARDS: I am, yes. 11 12 JUDGE BUSHMANN: So your opportunity would be at the evidentiary hearing unless -- I'll 13 14 ask counsel if there is any objection. 15 MR. EDWARDS: I can be very brief. 16 JUDGE BUSHMANN: I'll ask counsel 17 whether there is any objection to Mr. Edwards. 18 MS. CARTER: No. 19 MS. CARTER: I have no objection. MR. WILLIAMS: No objection, your Honor. 20 21 JUDGE BUSHMANN: Do you solemnly swear 2.2 or affirm that the testimony you're about to give 23 will be the truth? 24 MR. EDWARDS: I do. 25 JUDGE BUSHMANN: Please state your name

1 and spell your last name. 2 MR. EDWARDS: Peter Edwards, 3 E-D-W-A-R-D-S. 4 My first concern is with the closing of 5 the Asbury plant. Empire touts this as their 6 workhorse. And in light of the recent improvements 7 of \$121 million and the statistics that I've seen 8 which seems to have doubled it's efficiency, it just 9 doesn't seem right that you would close a plant that 10 you just spent so much money upgrading. 11 I've heard talk that there may be an 12 additional 20 or 25 million that's needed so they 13 can come into compliance with another environmental 14 regulation, but to me using that as a justification 15 to go out and spend 1.5 million on a wind project 16 doesn't quite balance out. 17 It also concerns me that the customers 18 are paying for that retrofit that was done in the 19 rate case that was most recently completed two years 20 ago and the customers would be required, because 21 that's what Empire wants, to continue to pay for 2.2 that for the life of that project until it's 23 completely been -- it reaches it's amortization period. So it concerns me that we have to pay for 24 25 that in addition to what every other projects they

1 want to do.

2	It concerns me that in the stipulation
3	agreement that Empire and their parent company
4	agreed to with the City of Joplin, they said that
5	they would not do an involuntary reduction of the
б	workforce of more than 10 percent of their workforce
7	here in the local area. And when I look at
8	involuntary reduction, to me that is eliminating
9	jobs, and eliminating 55 jobs to me comes
10	dangerously close, if not more than, the 10 percent
11	that they agreed not to do.
12	The other part that I have taken issue
13	with is this is a want, it's not a need. They
14	currently have the capacity to serve all of their
15	customers here locally. They have the capacity to
16	sell off excess energy. And the customer service or
17	customer savings plan, the label that they've put on
18	it, and all the evidence that I've seen doesn't show
19	any savings to the customer until years ten to 20.
20	And even when that is taken into
21	consideration, it's highly speculative because it's
22	based upon them being able to sell off a large
23	amount of excess energy to third parties.
24	When you look at the additional
25	megawatts that they're going to have if they were to

1	do this project, that's 600 more megawatts than what
2	the Asbury plant produces, and their plan to achieve
3	customer savings is to sell off that energy to third
4	parties. And it seems silly to me that the
5	customers who pay their bills every month are the
6	ones that have to fund that. If they want to get in
7	the business of selling to third parties, then maybe
8	they should go to their stockholders and ask them to
9	invest in that, not pass along that cost to local
10	customers.
11	The other issue, last issue I have is
12	we've seen a lot of information about customer
13	savings and they've hired experts to do all kinds of
14	studies, but what we haven't seen is any kind of
15	projected rate increase, what kind of impact that's
16	going to have on our bills when they spend 600 to
17	750 million, and that's I mean, that's a
18	conservative guess, if they spend 750 in capital
19	improvements, they won't provide any information on
20	what kind of impact that's going to have on all of
21	our bills. Thank you.
22	JUDGE BUSHMANN: Thank you.
23	COMMISSIONER KENNEY: Thank you.
24	JUDGE BUSHMANN: John Thomas.
25	MR. THOMAS: Sir, I wasn't familiar with

1 your format. All of my questions have been 2 answered. 3 JUDGE BUSHMANN: Very good, sir. Thank 4 you. 5 Jennifer Conner. Do you solemnly swear 6 or affirm that the testimony you're about to give 7 will be the truth? 8 MS. CONNER: Yes. 9 JUDGE BUSHMANN: Please state your name 10 and spell your name, please. 11 MS. CONNER: My name is Jennifer Connor. 12 J-E-N-N-I-F-E-R, space, C-O-N-N-E-R. 13 JUDGE BUSHMANN: Please go ahead. 14 MS. CONNER: My name is Jennifer Conner, 15 and I'm a resident of Pierce City, Missouri. I'm 16 also a customer of Empire Electric. 17 A few years ago, my husband and I 18 invested in solar panels that cover about 60 to 19 70 percent of our generation, and we are super 20 stoked and excited for Empire Electric to invest in 21 wind energy. We're very concerned about the future 2.2 generations of this planet. We have a four-year-old 23 daughter, and we think that it's important to leave a better planet for her into the future and other 24 25 future generations.

1 So, we thank you very much. I support, applaud, and commend Empire Electric for being a 2 3 visionary and for the commitment to do their part to 4 leave a better world for future generation. Thank 5 you. 6 JUDGE BUSHMANN: Thank you. [Applause]. 7 Elliott Denniston. Do you solemnly swear or affirm that the 8 9 testimony you are about to give will be the truth? MR. DENNISTON: I do. 10 11 JUDGE BUSHMANN: Please state your name 12 and spell it. 13 MR. DENNISTON: Elliott Denniston. 14 E-L-L-I-O-T-T, D-E-N-N-I-S-T-O-N. 15 JUDGE BUSHMANN: Go ahead. 16 MR. DENNISTON: Well, I certainly applaud what Jennifer Conners [sic] just said. The 17 whole world is moving with greater speed toward 18 19 renewable energy, and so that in itself is evidence 20 of it's important for the future. 21 The cost has been dropping throughout 2.2 the world and certainly in the United States, and if 23 at some point there should be a carbon tax, the cost will quickly drop faster. 24 25 Wind has provided -- in 2016, wind

1 provided 5.6 percent of all U.S. energy, and that was more than double what it was in 2010, just six 2 3 years earlier. Obviously, you can picture in your 4 minds a rapidly moving upward curve in -- or 5 downward curve in terms of the cost. 6 I have just a few more comments, and 7 these are based on a piece in Scientific American, a 8 very reliable journal, last August, which states, "A 9 comprehensive survey of the wind industry shows wind energy is routinely purchased in bulk for just two 10 11 cents per kilowatt-hour -- and turbines are only 12 getting cheaper, bigger, and better." 13 They refer to a U.S. Department of 14 Energy report that "found that U.S. wind energy will 15 continue to be one of the lowest cost electric 16 generation technologies available, with the 17 long-term wind electricity price available through a 18 power purchase agreement coming in at about half the 19 expected cost of running a natural gas power plant." 20 So this is through a long-term power 21 purchase agreement, which presumably gets the best 2.2 rates possible, and in that case, it will be half --23 about half the expected cost of running a natural 24 gas power plant. 25 "Furthermore, stiff competition from

1 both natural gas and solar energy are poised to push the wind industry to achieve even lower prices and 2 3 higher performance through the development of bigger 4 turbines tailored to maximize the output even with 5 regions with less than optimal wind speeds." 6 And finally, with this new technology, 7 the average generating capacity of newly installed 8 wind turbines in the United States in 2016 was 9 2.15 megawatts, up 11 percent from the average over 10 the previous five years. 11 So simply by improving the technology of 12 wind turbines, in a period of about four years the 13 output, the generating capacity increased by 14 11 percent, and presumably this will continue to 15 occur in the future. Thank you. 16 COMMISSIONER KENNEY: Thank you, sir. 17 JUDGE BUSHMANN: Thank you. Cheryl 18 Marcum. 19 Do you solemnly swear or affirm that the testimony you are about to give will be the truth? 20 21 MS. MARCUM: T do. 2.2 JUDGE BUSHMANN: Please state your name 23 and spell it. 24 MS. MARCUM: Cheryl Marcum. 25 C-H-E-R-Y-L, space, M-A-R-C-U-M.

1 JUDGE BUSHMANN: Go ahead. MS. MARCUM: I'm Cheryl Marcum, and I 2 3 live at a net-zero-plus home in rural Cedar County, 4 Missouri. I am a beekeeper, and I enthusiastically 5 support Empire District's proposal to bring wind 6 energy to southwest Missouri. Thank you, Empire, 7 for modifying your business plan to enable customers in southwest Missouri to keep fossil fuels in the 8 9 around. 10 Even as more renewable energy becomes 11 available, all of us must aggressively pursue energy 12 efficiency and reduce our consumption. Thank you. 13 COMMISSIONER KENNEY: Thank you, ma'am. 14 JUDGE BUSHMANN: Thank you. [Applause]. 15 Kay Mills. Do you solemnly swear or affirm that the 16 17 testimony you are about to give will be the truth? 18 T do. MS. MILLS: 19 JUDGE BUSHMANN: Please state your name 20 and spell it. 21 MS. MILLS: My name is Kay, K-A-Y; last 2.2 name is Mills, M-I-L-L-S. 23 JUDGE BUSHMANN: Go ahead. 24 MS. MILLS: My name is Kay Mills. I'm 25 the Missouri field organizer for Moms Clean Air

1	Force. We're a community of over a million parents,
2	grandparents, aunts, and uncles that are unified in
3	the knowledge that air pollution is impacting not
4	only our children's health but also threatening the
5	safety and stability of their futures. We have
6	almost 12,000 Missouri members, including hundreds
7	who are Empire District Electric customers.
8	Like many people in the Ozarks, I have a
9	very active family. We spend much of our time
10	outside playing, hiking, and biking. It's a great
11	area for kids. Our Ozark streams and waterways are
12	some of the best in country. We have hiking and
13	biking trails all over our area. The air quality
14	has a drastic impact on our kids' ability to be
15	outside and active. If we don't act, our air
16	quality will only get worse.
17	Climate change is real. It's happening
18	now, and we need to take action to address it.
19	Climate change will make asthma worse because it
20	creates more smog, which exacerbates asthma and
21	other respiratory conditions.
22	Warm mean temperatures mean an earlier
23	spring, which will increase the duration and
24	severity of seasonal allergies, which also trigger
25	asthma attacks.

1 In 2014, 11.2 percent of children in Missouri were living with asthma. We know that 2 about one-third of childhood asthma is also due to 3 4 environmental exposures and roughly 5,795 cases of 5 asthma attacks each year are linked to coal-fired 6 power plant pollution. 7 In the Ozarks and especially here in 8 Joplin, we are all too familiar with extreme weather 9 events. We've seen devastating tornadoes, flooding, 10 and extreme heat. Climate change has already 11 exacerbated some extreme weather events and their 12 impacts. 13 Reducing carbon pollution by moving away 14 from coal-fired power plants is one of the most 15 important steps in limiting the health impacts of 16 climate change. Cuts to smog and soot that come 17 along with reducing carbon pollution will bring major health benefits to American families. We set 18 19 limits for arsenic, mercury, and lead, but we let 20 power plants release as much carbon pollution as 21 they want. 2.2 As a mother, I do everything I can to 23 protect my children. When we go in the car, I make sure they are in their car seats. I take them to 24 25 the doctor for their checkups. I buy healthy food

1	for them to eat. But what I can't do is ensure that
2	the air they're breathing when they're playing
3	outside is safe for their tiny, developing lungs. I
4	can't buy clean air for my children to breathe.
5	What I can do, though, is support
6	commonsense proposals like this Empire District
7	Electric proposal to move to cleaner energy. Thank
8	you.
9	COMMISSIONER KENNEY: Thank you.
10	JUDGE BUSHMANN: Thank you. [Applause].
11	Matthew Patterson.
12	Do you solemnly swear or affirm that the
13	testimony you are about to give will be the truth?
14	MR. PATTERSON: I do.
15	JUDGE BUSHMANN: Please state your name
16	and spell it.
17	MR. PATTERSON: My name is Matthew
18	Patterson. M-A-T-T-H-E-W, P-A-T-T-E-R-S-O-N.
19	My name is Matthew Patterson. I'm the
20	director for Renew Missouri Action, which is a
21	501(C)(4) that does advocacy work to work to expand
22	renewable energy and energy efficiency here in the
23	state of Missouri.
24	Renew Action appreciates Empire's plans
25	to add 800 megawatts of wind generation to its

1	portfolio and retire the Asbury coal facility,
2	measures that will translate to significant cost
3	savings to Empire customers.
4	With this plan, Empire is eager to take
5	advantage of the federal production tax credits,
6	capital investment contributed by tax equity
7	partners, and void required environmental compliance
8	upgrades to the Asbury coal plant.
9	They estimate that this plan will create
10	\$325 million in customer savings, averaging
11	residential customers a savings about ten dollars a
12	month over a 20-year period. It is for these
13	reasons that Renew Missouri Action encourages the
14	Commission to do the following:
15	First, the Commission should encourage
16	Empire's planned investment in wind generation by
17	issue of an accounting authority order authorizing
18	the Company to record its investment in and the cost
19	to operate the wind projects and account so that
20	those costs may be considered in the future rate
21	case.
22	This would be reasonable to encourage
23	Empire's investment and to justify its decision to
24	external auditors. Wind has numerous benefits,
25	including meeting the customer demand for

renewables, lower fuel, operation, and maintenance 1 expenses, and lower emissions. 2 3 In addition, Empire has estimated the 4 hire of 40 to 50 regional employees to operate and 5 maintain the wind turbines. Wind generation has a track record for economic benefit in low-income 6 7 rural communities through lease payments, property 8 tax payments, and increased local spending. 9 Second, the Commission should encourage Empire to close its Asbury coal plant through issue 10 11 of an accounting authority order authorizing the 12 Company to record and defer the undepreciated 13 balance. This allows Empire to recover its 14 investment over a long period of time without 15 causing a spike to customers' rates. 16 With the addition of the Company's wind 17 project, Asbury generation is no longer necessary to 18 serve customers or meet the southwest power pool 19 capacity requirements. Empire has committed that no 20 incremental expenses will be incurred as a result of 21 retiring Asbury early and that all the employees at 2.2 the Asbury facility will be given the opportunity to 23 continue employment at Empire post plant retirement. 24 And finally, the Commission should 25 request Empire amend its application to include the

1	request for the third accounting authority order in
2	order to record and defer the dollars associated
3	with changes to the federal tax law until the
4	effective date of rates for its next rate case.
5	This will allow the Company to fill its intent to
6	pass on these cost savings onto the customers.
7	And that's why we ask for the
8	Commission's approval of this the Empire's plant.
9	And thank you all.
10	COMMISSIONER KENNEY: Thank you, sir.
11	JUDGE BUSHMANN: Thank you.
12	MR. PATTERSON: Any question?
13	JUDGE BUSHMANN: Jack Bone or Bane.
14	MR. BONE: It's Bone, and my comments
15	have already been addressed.
16	JUDGE BUSHMANN: Very good. Thank you,
17	sir.
18	MR. BONE: You're welcome.
19	JUDGE BUSHMANN: Art Boyt.
20	Do you solemnly swear or affirm that the
21	testimony you're about to give will be the truth?
22	MR. BOYT: I do.
23	JUDGE BUSHMANN: Please state your name
24	and spell it, please.
25	MR. BOYT: My name is Arthur Boyt. Did

1	you ask me to spell it? B-O-Y-T.
2	JUDGE BUSHMANN: Thank you.
3	MR. BOYT: First of all, if like me
4	folks in this room have had the experience of
5	sitting by the side of the road while a hundred cars
6	of coal pass through our community on the way to the
7	Asbury plant, each car carrying about 200,000 pounds
8	of coal and each carload each trainload
9	representing about \$100,000 of resource leaving our
10	community to go to points west, wherever the coal is
11	being mined, and Empire lists that \$25 of \$38 of
12	providing a megawatt-hour of electricity to
13	customers comes from energy, the potential
14	beneficial economic impact to the area becomes
15	pretty obvious.
16	There are other desirable impacts as
17	well. We've heard from a representative of the
18	Sierra Club on the website of the Audubon Society,
19	the protectors of birds throughout this country.
20	Their site strongly endorses the use of wind power
21	in properly cited situations. And so on the
22	environmental side of things, I think the consensus
23	is obviously that this is a good thing.
24	In terms of jobs and workforce, one
25	thing I'd like to point out is that this institution

1	and other institutions in the area have specialized
2	in workforce training, and it's important to note
3	that operations in a coal plant and operations on a
4	wind farm are going to be much different
5	propositions, and I think it's important that Empire
6	and their partners invest in the retraining not just
7	for the existing workforce but for the workforce
8	that's going to be needed in the future.
9	By and large, in broad strokes, I think
10	this is a tremendous opportunity for the community
11	and it's part of a national trend, which in the last
12	couple of years has shown that renewables have
13	become the majority of the new generation capacity
14	in the United States, and there are a lot of good
15	reasons for this well beyond the few that I've just
16	pointed out.
17	Thank you for your time. I appreciate
18	what you folks are looking at doing, and I I
19	think the key here will be to take a really good
20	idea and look at the details and make sure that each
21	of those details is executed properly. Thank you.
22	COMMISSIONER KENNEY: Thank you.
23	[Applause].
24	JUDGE BUSHMANN: Michael Franks.
25	Do you solemnly swear or affirm that the

1 testimony you are about to give will be the truth? 2 MR. FRANKS: T do. 3 JUDGE BUSHMANN: Please state your name 4 and spell it. 5 MR. FRANKS: Michael Franks. M-I-C-H-A-E-L, F-R-A-N-K-S. 6 7 JUDGE BUSHMANN: Go ahead. 8 MR. FRANKS: I spent 40 years of my life 9 in business, particularly in strategic planning. 10 And I'll tell you that any business plan has 11 assumptions that underpin that plan. 12 In my opinion, the assumptions I have 13 read in the Empire proposal at this point are quite 14 reasonable, but they are that, assumptions, and I am 15 quite certain that the Commission, the Office of 16 Public Counsel, and the Company itself will continue 17 to vet those things down there. But I think we also need to understand 18 19 that there are assumptions that underpin what could 20 happen to us if we don't do anything at this point. 21 The majority of our power in this area is what is by 2.2 many industries considered to be dirty power. And 23 as we try to attract new jobs and new industries, many of those go to areas where they are able to get 24 25 energy that is, in fact, made from renewable sources

1 from cleaner sources. We're kind of locked out of this that in this area at this point as a result of 2 3 that. 4 Secondly, everyone assumes there's a 5 straight line that coal will stay as an affordable 6 fuel. That's not a quarantee at this point. As the 7 coal industry has declined and continues to, two of the top five coal producers have gone into 8 9 bankruptcy. You may lose capacity, lose 10 competition, and see prices go upward. 11 In fact, until natural gas became 12 affordable, we had that train continually, every year coal prices going up in the United States. 13 It 14 is only competition with other fuels that has kept 15 that in check. 16 Finally, let me say this: Here's what I do know. Here's what is unsaleable about this 17 proposition. As you just heard, \$25 of the \$38 of 18 19 cost of running the Asbury plant go to fuel. Every penny of that fuel leaves this area. There are no 20 21 coal mines in this area. There no natural gas wells 2.2 in this area. So that fuel cost leaves this area. 23 This investment will be made in this The jobs that then come from it will be in 24 area. 25 this area. The landowners that have turbines on

1	their property are in this area and will get
2	payments from them. The school districts and other
3	governmental entities that tax properties at this
4	point will also get revenue from this. We will have
5	jobs created in this area.
6	I live in Neosho. Neosho has the MARET
7	Center in there from Crowder College, which is
8	Missouri's Alternate and Renewable Energy Technology
9	Center, which today produces wind technicians, which
10	have to leave this area to have jobs. They will be
11	able to compete, local people, graduates of local
12	schools for jobs in this area.
13	So from my standpoint at this point,
14	living in the past says there is no risk and there
15	clearly is. Living in the future at this point
16	gives us an opportunity for future stability, future
17	jobs, and I applaud Empire for taking a look at this
18	and I applaud them for moving in a timely manner,
19	because moving quickly at this point clearly will
20	keep the cost of this as low as possible.
21	So I reiterate that this is something
22	that is a positive economic influence in this area,
23	and I applaud this project.
24	COMMISSIONER KENNEY: Thank you.
25	[Applause].

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1 JUDGE BUSHMANN: Harvey Hutchinson. MR. HUTCHINSON: Mr. Edwards gave my 2 3 remarks already, primarily. 4 JUDGE BUSHMANN: Thank you, sir. Mitch 5 von Wald. MR. VON WALD: Mine have been addressed 6 7 as well, sir. 8 JUDGE BUSHMANN: Okay. Greg Matzer. 9 Do you solemnly swear or affirm that the testimony you are about to give will be the truth? 10 11 MR. MATZER: T do. 12 JUDGE BUSHMANN: Please state your name 13 and spell it. 14 MR. MATZER: My name is Greq Matzer. 15 G-R-E-G, M-A-T-Z-E-R. I'm a Joplin resident. I've only lived 16 17 here a few years, but my career has been primarily 18 in acquiring and investing assets like this plant. 19 I've worked in the acquisition of wind power. I've 20 worked for companies -- not -- I've never worked for 21 Empire or Algonquin. But I've worked in the U.S. 2.2 and Canada. I've bought and sold these plants and 23 coal plants, natural gas plants, solar energy, power purchase agreements. I'm very familiar with how the 24 economics of this work. 25

1 And let me be -- most of my concern has been addressed already, and I don't have prepared 2 3 remarks. 4 But my thing I have to contribute here 5 is that I believe the proposal by Empire -- I think this is economic. I think that this makes 6 7 logistical sense for this community. I think that 8 the questions about local jobs and local-trained 9 wind technicians make a lot of sense. 10 We can possibly attract additional 11 employers to this region. A lot of employers look 12 for a hundred percent renewable energy as a 13 requirement for locating their facilities. 14 Companies like Apple, Google, and Facebook have 15 said, hey, we're only going to move places where we you can get this. They've gone to Iowa. What's the 16 different between us and Iowa? Not much. 17 This 18 could make the difference for us getting additional 19 employers, increasing that. 20 The last thing is back to the clean air 21 question. Some estimates say as much as nine deaths 2.2 a year occur from small particle emissions from coal 23 power plants like Asbury and sized like Asbury. I don't know if that's true, but I can tell you that 24 25 there will be none from wind generation, no human

1 deaths from small particles from wind generation. I defer the rest of my time to the 2 3 Council. I just want to say that I'm adamantly for 4 this. Thank you. 5 COMMISSIONER KENNEY: Thank you. 6 JUDGE BUSHMANN: Thank you. [Applause]. 7 Gary Kenny. Gary Kenny. Do you solemnly swear or affirm that the 8 9 testimony you are about to give will be the truth? 10 MR. KENNY: Yes. 11 JUDGE BUSHMANN: Please state your name 12 and spell it. 13 MR. KENNY: Gary, G-A-R-Y, Kenny, 14 K-E-N-N-Y. 15 One of the questions I have is in the 16 past, the City of Joplin has had tire recycling 17 ventures that I'm not sure if Empire put money into 18 that or if it was a government grant that helped 19 with it, and I assume those tires that were chipped 20 up and so forth eventually got into, I believe, the 21 Asbury or the -- possibly the Riverton plant. 2.2 My point is the Asbury plant, as I 23 understand it, is the only remaining coal-fired plant in Empire's system. They have hydro, which 24 25 obviously wouldn't have anything to do with tires.

1	But anyway, my point is right now the
2	tires can be burnt in these coal-fired plants where
3	you have all the EPA equipment, I assume, already in
4	place. What's going to happen to all of those
5	tires? You know, it's small dollars compared to the
6	millions of dollars you're talking about, but what's
7	going to happen to all those tires? Are they going
8	to end up on the side of the road? Are they going
9	to end up down in the mineshafts? Something needs
10	to be addressed in that matter.
11	Other question I had is you gave a quote
12	of \$38 per X amount of kilowatts. That's with the
13	wind. My point is question is, how much is the
14	cost when it's imported from someplace else, when
15	there's no wind? And also, is there an additional
16	charge for the transmission lines to get that
17	electricity to this area? I haven't heard that
18	addressed at all.
19	And I had a question of who are the
20	other equity members that this is going to be a
21	joint venture with. Previous to the actual hearing
22	started somebody mentioned that they don't have any
23	equity partners at this point.
24	And my question is, where are the wind
25	turbines going to be located? I believe I'm quoting

1	the Joplin Globe directly in that they said that
2	these were going to be located in southwest
3	Missouri. And I haven't heard anything officially
4	as to where these wind turbines are going to be and
5	if the arrangements have already been put in place
6	to rent the land and so forth.
7	And that's all I have. Thank you very
8	much.
9	JUDGE BUSHMANN: Thank you. Kathy
10	Wilson.
11	Do you solemnly swear or affirm that the
12	testimony you are about to give will be the truth?
13	MS. WILSON: I do.
14	JUDGE BUSHMANN: Please state your name
15	and spell your name.
16	MS. WILSON: When we were paying
17	JUDGE BUSHMANN: Can you please state
18	your
19	MS. WILSON: rate increases
20	JUDGE BUSHMANN: Sorry, ma'am. Can you
21	spell your name for the court reporter, please?
22	MS. WILSON: Pardon me?
23	JUDGE BUSHMANN: Can you spell your name
24	for the court reporter, please?
25	MS. WILSON: I can't hear you.

1 JUDGE BUSHMANN: Spell your name for the 2 court reporter, please. 3 MS. WILSON: Oh, I'm sorry. K-A-T-H-Y, 4 W-I-L-S-O-N. 5 JUDGE BUSHMANN: Thank you, ma'am. 6 MS. WILSON: Sorry. I'm hard of 7 hearing. 8 JUDGE BUSHMANN: Go ahead. 9 MS. WILSON: When we were paying rate 10 increases, seemed like forever, for the Asbury plant 11 to comply with EPA regulations, I was looking 12 forward to maybe having a regular electric bill, but 13 I find that in the last years, it just keeps 14 climbing higher and higher until now it's equaling a 15 mortgage payment. I have a disabled daughter. Her 16 electric bill almost ate up her check for that 17 month. 18 And then I see that Empire District is 19 telling us how this wind program is going to lower 20 our bills in 20 years. I don't know how they're 21 going to do that. I really don't. Because we're 22 not going to see any savings in the first ten years. 23 And it's if. It's if they get a partner. It's if the tax credits don't change. 24 All 25 this amounts to is that we're going to wind up

1 paying even more on our electric bill if this goes 2 through with the Public Service Commission. 3 I don't know how a lot of us are going 4 to pay it, to be honest with you. We've got single 5 mother's out there with children they're trying to 6 support. We have elderly that are on social 7 security, widows. And we have families that are 8 just struggling to pay their bills. That's it. 9 COMMISSIONER KENNEY: Thank you, ma'am. 10 JUDGE BUSHMANN: Thank you. [Applause]. 11 Nolan Howe. [No audible response]. 12 Nolan Howe. MR. HOWE: I signed the paper. I didn't 13 14 know what I was signin'. I don't have nothin' to 15 say. 16 JUDGE BUSHMANN: All right. That's all 17 the names that I have signed up on the list. Was 18 there anybody that wanted to testify that had not 19 signed up? 20 Come forward, sir -- ma'am. Raise your 21 hand, please. 2.2 Do you solemnly swear or affirm that the 23 testimony you're about to give will be the truth? 24 | | | 25 / / /

1	MR. MCCREARY: I do.
2	JUDGE BUSHMANN: Could you state your
3	name and spell it, please?
4	MR. MCCREARY: Dan McCreary. D-A-N,
5	M-C-C-R-E-A-R-Y.
6	Like most here, I applaud Empire for
7	looking to provide clean energy. I'm for clean
8	energy. I'm for the investment in southwest
9	Missouri.
10	Some questions earlier in the earlier
11	session, they talked about a savings of nine to ten
12	dollars per month. And then I think just after
13	that, there was a statement that maybe it would cost
14	a little bit more up front.
15	So I just wanted to I think you read
16	the statement to start with, and just a reminder
17	that it says on the information sheet, Empire
18	District Electric Company's proposed customer
19	savings plan is what this was presented as. It was
20	also in the paper today. Just said that "regulatory
21	plan which estimates will result in up to
22	325 million [sic] of cost savings on customer bills
23	over 20 years."
24	So as I applaud the clean energy, I
25	still have some questions about the cost, where

1	that's going to come from. Just mentioned earlier
2	about, you know, citizens on fixed incomes. That's
3	always a concern as well as our businesses that
4	provide jobs for our citizens here in Joplin.
5	So I think these statements that were
б	read by you as well as published in the paper are
7	either true that we're going to save money on our
8	bills or we were intentionally misled twice through
9	the sheet and through the newspaper. Thank you.
10	JUDGE BUSHMANN: Thank you.
11	COMMISSIONER KENNEY: Thank you.
12	Anybody else like to testify? Yes, sir.
13	Do you solemnly swear or affirm that the
14	testimony you are about to give will be the truth?
15	MR. SEELEY: I do swear and affirm.
16	JUDGE BUSHMANN: Please state your name
17	and spell it.
18	MR. SEELEY: My name is Steven Seeley.
19	S-T-E-V-E-N, S-E-E-L-E-Y.
20	JUDGE BUSHMANN: Go ahead.
21	MR. SEELEY: Okay. Well, there's been
22	several things raised throughout the testimony and
23	question-and-answer regarding past investments in
24	the Asbury plant.
25	As a cattle rancher and a resident of

Pa	ae	38

1	this area, one thing I know for sure is sometimes
2	you cannot just keep chasing an investment that
3	you've already put into something that's not getting
4	a return. Sometimes you just have to cut your
5	losses on something.
6	What I can no one can predict the
7	future, but what you can predict is that based on
8	past trends, there probably will be more
9	environmental regulations concerning air quality
10	coming forward. Right now we've heard that there
11	would have to be a 25-million-dollar investment put
12	into the Asbury plant to keep it going, to comply
13	with current regulations, which will be coming on
14	next year, I believe they said on that.
15	So that's 25 million there that we
16	already can predict would be in the future because
17	it's there. There is a 121-million-dollar that was
18	already put into it. There was another 20 million
19	and another, I believe the gentleman said 30 million
20	in the past.
21	So there's a pattern of environmental
22	regulation compliance issues having to require large
23	sums of investment into a plant which has a lifespan
24	which will be ending out, even under ideal
25	circumstances, within the next decade and a half.

1	So do we want to keep putting money into
2	that plant? Do we want to keep throwing money into
3	there or do we want to look at something which will
4	have zero environmental pollution concerns?
5	Wind turbines do not emit emissions
6	whatsoever. There is nothing there to regulate as
7	far as that goes, emissions-wise. So we know it
8	would save 25 million. What else would it save five
9	years down the road? What will it save ten years
10	down the road?
11	These cost savings that Empire has put
12	forth do not, because they cannot, look at cost of
13	complying with future regulations that have not even
14	been proposed. So what we're looking at from Empire
15	with the 300-million-dollar-over-20-year savings
16	that would be passed on to customers is not really a
17	best-case scenario even because you're not taking
18	into account potential additional expenses with
19	Asbury that we cannot even know about at this time.
20	The only thing we can know is that they
21	will be there, that there will be additional
22	expenses, because not once, twice, or three times
23	even but now four times that plant has required
24	additional investment to come in to bring it up to
25	baseline environmental standards.

1 That will happen again. Just like death and taxes, complying with regulations is something 2 3 that is a reality in this country, and it's a good 4 thing it's a reality. I have children. I like them 5 to breathe. They kinda like breathing also. It's 6 just their thing. I'm sorry. But . . . 7 So that's really all I wanted to say was that it will be a cost savings. It will help the 8 9 environment. It will help consumers. Let's just 10 get this thing done. Thank you guys. 11 COMMISSIONER KENNEY: Thank you. 12 JUDGE BUSHMANN: Thank you. [Applause]. 13 Yes, sir? 14 Do you solemnly swear or affirm that the 15 testimony you are about to give will be the truth? 16 MR. GILLIS: I do. 17 JUDGE BUSHMANN: State your name, 18 please, and spell it. 19 MR. GILLIS: My name is Conon Gillis. 20 It's C-O-N-O-N, G-I-L-L-I-S. 21 So I'm a teacher at Neosho high school, 2.2 and I'm actually a current candidate for Missouri 23 State Senate District 32. When I announced to run, one of the key parts of my platform was that we 24 25 would switch over to green renewable energy and

1 provide more jobs to Missouri. 2 I did this because I knew that in the 3 future, eventually fossil fuels are something that 4 we are going to get away from. Whether you believe 5 in climate change or not, the fact is that fossil fuels will not be around forever and a lot of 6 7 statistics really show that there is a big job increase and there's profit to be made in renewable 8 9 energy. And so that was a key part that I put in my 10 platform. 11 Whenever I heard that Empire was going 12 to go ahead and try and switch over to wind farms, 13 it was kind of like they stole my platform from me, 14 which is perfectly fine -- which is perfectly fine. 15 I don't care. As long as it happens. 16 And from what I saw in you guys' memo or 17 letter or whatever it was, you said that right now about over 90 percent, I think, of your energy is 18 19 produced from coal, and I think you said that with 20 this wind farm, you could get it down to almost 21 20 percent. 2.2 While I would like for you to push that 23 threshold farther and get it down to zero, I think that this is a good start. If it saves customers 24 25 money and helps protect the environment, I don't see

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1
    a reason not to do it. Thank you.
                 COMMISSIONER KENNEY: Thank you.
 2
 3
     [Applause].
 4
                 JUDGE BUSHMANN: Anybody else? [No
5
    audible response]. I don't see any.
6
                 COMMISSIONER KENNEY: Just in closing, I
7
    notice that there were several towards the end that
8
    mentioned they still had some questions. I know
9
     that the Staff and Office of Public Counsel and the
    Company will be here afterwards if you'd like to
10
11
    address those questions now.
12
                 And anybody who wants to partake and
13
    watch this rate case, we do -- it will be televised
14
    on the web. We have -- currently we have five days
15
    for this case starting in April. I'm not sure the
16
    exact date. But again, thank you for coming up.
17
                 JUDGE BUSHMANN: Thank you very much.
18
    That concludes this evening's hearing. We are off
19
    the record.
20
21
                 (Concluded at 7:29 p.m.)
2.2
23
24
25
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1 CERTIFICATE OF REPORTER 2 STATE OF MISSOURI ) 3 ) ss: COUNTY OF WEBSTER ) 4 5 Date Taken: FEBRUARY 8, 2018 6 I, Paula C. Voyles, a Registered Professional Reporter, 7 Certified Real-Time Reporter, and Certified Court Reporter (MO), do hereby certify that the matter 8 appearing in the foregoing transcript was recorded by 9 10 me to the best of my ability and was thereafter reduced to written form under my direction. 11 12 I further certify that I am not a relative or employee of counsel of any of the parties, nor a relative or 13 14 employee of the parties involved in said action, nor a 15 person financially interested in the action. 16 17 18 19 20 PAULA C. VOYLES, RPR, CRR, CCR No. 750 21 22 23 24 25

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