Empire District Gas Company
South System Gas Cost Inputs

Enclosure 1

South System Line Loss		1.090%
Annual Burnertip Sales		2,577,106
SSTAR Rates		
Firm Rates		
TSS		
No-Notice Fee (NNF)	$	0.0213
Reservation - FSS Deliverability (RED)	$	0.8517
Reservation - FSS Capacity	$	0.0013
Reservation - FTS-P (RES)	$	5.7944
Reservation - FTS-M (RES)	$	4.1671
FTS		
Production - Reservation (RES)	$	5.7944
Production - Balancing	$	-
Market - Reservation (RES)	$	4.1671
Market - Balancing	$	-
Commodity Rates		
Production		
Commodity - FTS-P (CMD)	$	0.0098
Commodity Balancing Fee (CMB)	$	0.0007
FERC Annual Charge Adjustment (ACA)	$	0.0017
Production Field Zone	$	0.0122
Market		
Commodity - FTS-M (CMD)	$	0.0085
Commodity Balancing Fee (CMB)	$	0.0007
FERC Annual Charge Adjustment (ACA)	$	0.0017
Market Zone	$	0.0109
Injection/Withdrawal - FSS	$	0.0114
Interruptible Rates		
ITS-P		
Commodity	$	0.2003
ITS-M		
Commodity	$	0.1455
SSTAR Production Area Loss		1.84%
SSTAR Market Area Loss		0.96%
SSTAR Storage Injection Loss		3.59%

Total Sales Volume @ Burnertip	
Nov 09	266,845
Dec 09	506,162
Jan 10	549,166
Feb 10	419,564
Mar 10	318,960
Apr 10	167,193
May 10	77,543
Jun 10	57,345
Jul 10	38,332
Aug 10	40,847
Sep 10	48,254
Oct 10	86,895
	2,577,106

Note: From FERC Gas Tariff: 2nd Sub 6th Revised Sheet No. 10 Effective 11/1/08; 2nd Sub 1st Revised Sheet No. 10A Effective 11/1/08; 11th Revised Sheet No. 11 Effective 07/10/09; and Sub 9th Revised Sheet No. 12 Effective 01/01/09

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total System
Annual Throughput at Burnertip per Sales Forecast	1,827,106	750,000	2,577,106	0	2,577,106
Annual Throughput at Citygate	1,846,931	758,265	2,605,196	0	2,605,196
Annual Throughput at Production Area	1,920,914	772,479	2,693,393	0	2,693,393

Empire District Gas Company
South System Gas Cost Inputs

FIRM	Annual Volume	Monthly Capacity Reserved	No. of Mth Reserved		Tariff Rate		Annual Cost
Southern Star Pipeline							
TSS							
No-Notice Fee (NNF)		39,618	12	$	0.0213	$	10,126
Reservation - FSS Deliverability (RED)		23,928	12	$	0.8517	$	244,554
Reservation - FTS-Production (RES)		14,119	12	$	5.7944	$	981,734
Reservation - FTS-Market (RES)		39,618	12	$	4.1671	$	1,981,106
				$	-	$	-
FTS							
Production - Reservation (RES)		10,651	12	$	5.7944	$	740,594
Production - Balancing		0	12	$	-	$	-
Market - Reservation (RES)		13,491	12	$	4.1671	$	674,620
Market - Balancing		0	12	$	-	$	-
				$	-	$	-
		Volume %					
Cheyenne Plains Reservation	902,500	100.00%		$	0.8500	$	767,125
Pipeline Commodity Costs	2,693,393			$	0.0241	$	64,911
Total Transportation Costs						$	5,464,770
Natural Gas Purchases	2,693,393			$	4.7358	$	12,755,371
Total Annual Cost						$	18,220,141
Firm Sales Volume at Burnertip	2,577,106						
Cost per MCF at Burnertip						**$**	**7.0700**

INTERRUPTIBLE	Annual Volume				Tariff Rate		Annual Cost
Southern Star Pipeline							
ITS-P					@150%		
Commodity	2,693,393			$	0.3041	$	819,061
ITS-M					@150%		
Commodity	2,693,393			$	0.2219	$	597,664
		Volume %					
Cheyenne Plains Reservation	902,500	0.00%		$	0.8500	$	-
Pipeline Commodity Costs	2,693,393			$	0.0241	$	64,911
Natural Gas Purchases	2,693,393				$4.7358	$	12,755,371
Total Annual Cost						$	14,237,007
Interruptible Sales Volume at Burnertip	2,577,106						
Cost per MCF at Burnertip						**$**	**5.5244**

Empire District Gas Company
South System Gas Cost Inputs
Cheyenne Plains/WIC Transportation Charges

	Cheyenne Plains	
Firm Transportation - FT		Per Mcf
Reservation Rate	$ 10.6924	$ 0.8500
Commodity Rate		$ 0.0010
ACA Charge		$ 0.0017
Fuel Percentage	0.94%	
L & U Percentage	0.07%	

Note:Cheyenne Plains From FERC Gas Tariff: 8th Revised Sheet No. 20 Effective 6/1/09

Distribution	SS	PEPL	ANR	Total
Volume Percentage	100%	0%	0%	100.00%
Volume Flow through Cheyenne Plains				
Nov 09	300,000	-	-	
Dec 09	310,000	-	-	
Jan 10	310,000	-	-	
Feb 10	280,000	-	-	
Mar 10	310,000	-	-	
Apr 10	-	-	-	
May 10	-	-	-	
Jun 10	-	-	-	
Jul 10	-	-	-	
Aug 10	-	-	-	
Sep 10	-	-	-	
Oct 10	-	-	-	
	1,510,000	-	-	1,510,000
Volumes to Storage	607,500			

Empire District Gas Company
South System
Current Gas Cost Calculation

	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Totals
SUMMARY OF COMMODITY COSTS													
Sales Requirements	266,845	506,162	549,166	419,564	318,960	167,193	77,543	57,345	38,332	40,847	48,254	86,895	2,577,106
South System Loss	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	
South System Loss Volume	2,909	5,517	5,986	4,573	3,477	1,822	845	625	418	445	526	947	28,090
City Gate Volume	269,754	511,679	555,152	424,137	322,437	169,015	78,388	57,970	38,750	41,292	48,780	87,842	2,605,196
SSTAR Market Area Loss	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	
SSTAR Production Area Loss	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	
SSTAR - Fuel Loss	7,553	14,327	15,544	11,876	9,028	4,733	2,195	1,624	1,085	1,156	1,366	2,459	72,946
Cheynne Plains Volume	300,000	310,000	310,000	280,000	310,000	0	0	0	0	0	0	0	
Cheyenne Plains Fuel + L&U Loss	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	
Cheyenne Plains - Fuel Loss	3,030	3,131	3,131	2,828	3,131	0	0	0	0	0	0	0	15,251
Purchase Requirements at Production Area	280,337	529,137	573,827	438,841	334,596	173,748	80,583	59,594	39,835	42,448	50,146	90,301	2,693,393
Contracted Financial Futures	60,000	60,000	60,000	60,000	60,000	0	0	0	0	0	0	0	300,000
Contracted Price	$ 4.7533	$ 4.6673	$ 4.6673	$ 4.9253	$ 4.6673	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 285,198	$ 280,038	$ 280,038	$ 295,518	$ 280,038	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,420,830
Physical Forwards	75,000	155,000	155,000	140,000	77,500	0	0	0	0	0	0	0	602,500
Average Price	$ 5.1350	$ 4.8550	$ 4.8120	$ 4.8120	$ 5.1350	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 385,125	$ 752,525	$ 745,860	$ 673,680	$ 397,963	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,955,153
Natural Gas Market - Mid Continent	0	159,137	203,827	98,841	119,596	96,585	80,583	59,594	39,835	42,448	50,146	90,301	
Forecasted Price (NYMEX-WNG Basis)	$ 4.497	$ 5.340	$ 5.597	$ 5.642	$ 5.553	$ 5.404	$ 5.398	$ 5.536	$ 5.678	$ 5.773	$ 5.788	$ 5.826	
Natural Gas Market - Cheyenne Plains	0	0	0	0	0	0	0	0	0	0	0	0	
Forecasted Price (NYMEX-CIG Basis)	$ 4.355	$ 5.260	$ 5.534	$ 5.534	$ 5.473	$ 5.234	$ 5.266	$ 5.334	$ 5.416	$ 5.491	$ 5.546	$ 5.699	
Total Natural Gas Purchased at Market	0	159,137	203,827	98,841	119,596	96,585	80,583	59,594	39,835	42,448	50,146	90,301	1,040,893
Total Cost	$ -	$ 849,792	$ 1,140,820	$ 557,661	$ 664,117	$ 521,945	$ 434,987	$ 329,912	$ 226,183	$ 245,052	$ 290,245	$ 526,094	$ 5,786,808
Storage Withdrawal	145,337	155,000	155,000	140,000	77,500	77,163	0	0	0	0	0	0	750,000
Storage WACOG	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	$ 3.4568	
Total Cost	$ 502,401	$ 535,804	$ 535,804	$ 483,952	$ 267,902	$ 266,737	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,592,600
Forecasted Gas Commodity Cost	$ 1,172,724	$ 2,418,159	$ 2,702,522	$ 2,010,811	$ 1,610,020	$ 788,682	$ 434,987	$ 329,912	$ 226,183	$ 245,052	$ 290,245	$ 526,094	$ 12,755,391
Purchase Requirements at Production Area	280,337	529,137	573,827	438,841	334,596	173,748	80,583	59,594	39,835	42,448	50,146	90,301	2,693,393
Gas Commodity Cost/Dth													$ 4.7358
SUMMARY OF PIPELINE COMMODITY COSTS													
Southern Star Natural Gas Pipeline - Firm													
FT Commodity (Production Area Volume)	274,482	520,648	564,883	431,572	328,089	171,978	79,762	58,986	39,429	42,016	49,635	89,382	
FT Commodity (Market AreaVolume)	269,432	511,068	554,489	423,631	322,052	168,814	78,295	57,901	38,704	41,243	48,722	87,737	
Cost/Dth - Production Area	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	
Cost/Dth - Market Area	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	$0.0109	
Total SSTAR Pipeline Commodity Costs	$ 6,285	$ 11,923	$ 12,936	$ 9,883	$ 7,513	$ 3,938	$ 1,827	$ 1,351	$ 903	$ 962	$ 1,137	$ 2,047	$ 60,703
Cheyenne Plains Pipeline -Firm													
Cost/Dth - Commodity	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Cost/Dth - ACA	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	
Total Cheyenne Plains Commodity Costs	$ 810	$ 837	$ 837	$ 756	$ 837	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,077
Forecasted Pipeline Commodity Costs	$ 7,095	$ 12,760	$ 13,773	$ 10,639	$ 8,350	$ 3,938	$ 1,827	$ 1,351	$ 903	$ 962	$ 1,137	$ 2,047	$ 64,780
Purchase Requirements at Production Area	280,337	529,137	573,827	438,841	334,596	173,748	80,583	59,594	39,835	42,448	50,146	90,301	2,693,393
Pipeline Commodity Cost/Dth													$ 0.0241
Production Area Cost Gas													$ 4.7599

Empire District Gas Company
North System Gas Cost Inputs

North System Line Loss		1.810%
Annual Burnertip Sales		934,433
PEPL Rates		Tariff
PEPL EFT Reservation Rates		Rate
Field Zone Reservation	$	4.7300
Market Zone Access	$	3.3000
Market Zone Mileage 201-300 Block	$	1.8000
	$	-
	$	9.8300
PEPL EFT Commodity Rates		
Field Zone Commodity	$	0.0195
Market Zone Access	$	0.0006
Market Zone Mileage 201-300 Block	$	0.0075
ACA Unit Charge	$	0.0017
	$	-
	$	-
Total Market Zone Commodity	$	0.0098
PEPL IT Interruptible Rates EIT - Transmission Charges		
Field Zone Base Rate	$	0.1750
Market Zone Access	$	0.1091
Market Zone Mileage 201-300 Block	$	0.0666
ACA Unit Charge	$	0.0017
	$	-
	$	-
PEPL Storage Rates FS		
Deliverability Charge Field Area	$	3.3500
Capacity Charge Field Area	$	0.4028
PEPL Field Zone Loss (Fuel Reimbursement-Trans Chrg)		0.47%
PEPL Market Zone Loss (Mileage 201-300 Fuel Reimb)		0.66%
FIELD Injection Charge Fuel Reimbursement %		2.07%
FIELD Withdrawal Charge Fuel Reimbursement %		1.20%

	Total Sales Volume @ Burnertip	Interruptible
Nov 09	101,237	723
Dec 09	176,194	1,369
Jan 10	199,798	1,951
Feb 10	149,121	1,837
Mar 10	113,210	949
Apr 10	65,582	918
May 10	35,215	567
Jun 10	13,403	500
Jul 10	12,908	523
Aug 10	13,923	689
Sep 10	16,064	726
Oct 10	37,778	611
	934,433	11,361
	Interruptible	1.22%
	Firm	98.78%

Note: From FERC Gas Tariff: PEPL 23rd Revised Sheet No. 5 Effective 06/01/09; 22nd Revised Sheet No. 8 Effective 06/01/09; 8th Revised Sheet No. 14 Effective 05/17/09; 6th Revised Sheet No. 19 Effective 10/01/08

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total
Annual Throughput at Burnertip per Sales Forecast	163,072	760,000	923,072	11,361	934,433
Annual Throughput at Citygate	165,766	774,010	939,776	11,570	951,346
Annual Throughput at Production Area	150,606	799,597	950,203	11,702	961,905

Empire District Gas Company
North System Gas Cost Inputs

Transportation	Annual Volume	Monthly Capacity Reserved	No. Of Days Reserved	Tariff/ Contracted Rate	Annual Cost
Firm					
Panhandle Eastern Pipe Line					
Contract 17005					
EFT Reservation Rates					
Contracted Winter Volumes and rate		17,000	151	$ 9.8300	$ 835,550
Contracted Summer Volumes and rate		9,000	214	$ 9.8300	$ 619,290
Capacity Release Nov\Mar to Conagra		1,900	151	$ 9.3000	$ (123,690)
Contract 17004					
FS Storage		66,667	365	$ 0.4028	$ 322,242
Contracted Winter Volumes & Rate		14,000	151	$ 3.3500	$ 234,500
Contracted Summer Volumes & Rate		8,700	214	$ 3.3500	$ 204,015
		Volume %			
Cheyenne Plains Reservation	-	98.78%		$ 0.8500	$ -
Pipeline Commodity Costs	950,203			$ 0.0287	$ 27,271
Total Transportation Costs					$ 2,119,178
Natural Gas Purchases	950,203			$ 4.1921	$ 3,983,346
Total Annual Cost					$ 6,102,524
Firm Sales Volume at Burnertip	923,072				
Cost per MCF at Burnertip					**$ 6.6111**

INTERRUPTIBLE	Annual Volume	Volume %	Rate	Annual Cost
Panhandle Eastern Pipe Line				
IT Interruptible Rates			@150%	
Field Zone	11,702		$ 0.2625	$ 3,072
Market Zone Access	11,702		$ 0.1637	$ 1,916
Market Zone Mileage	11,702		$ 0.0999	$ 1,169
ACA Unit Charge	11,702		$ 0.0026	$ 30
Cheyenne Plains Reservation	-	1.22%	$ 0.8500	$ -
Pipeline Commodity Costs	11,702		$ 0.0287	$ 336
Natural Gas Purchases	11,702		$4.1921	$ 49,056
Total Annual Cost				$ 55,579
Interruptible Sales Volume at Burnertip	11,361			
Cost per MCF at Burnertip				**$ 4.8921**

Empire District Gas Company
North System Gas Cost Inputs
Cheyenne Plains/WIC Transportation Charges

	Cheyenne Plains			
Firm Transportation - FT				Per Mcf
Reservation Rate	$	10.6924	$	0.8500
Commodity Rate			$	0.0010
ACA Charge			$	0.0017
Fuel Percentage		0.94%		
L & U Percentage		0.07%		

Note:Cheyenne Plains From FERC Gas Tariff: 8th Revised Sheet No. 20 Effective 6/1/09

Distribution	SS	PEPL	ANR	Total
Volume Percentage	100%	0%	0%	100.00%
Volume Flow through Cheyenne Plains				
Nov 09	300,000	-	-	
Dec 09	310,000	-	-	
Jan 10	310,000	-	-	
Feb 10	280,000	-	-	
Mar 10	310,000	-	-	
Apr 10	-	-	-	
May 10	-	-	-	
Jun 10	-	-	-	
Jul 10	-	-	-	
Aug 10	-	-	-	
Sep 10	-	-	-	
Oct 10	-	-	-	
	1,510,000	-	-	1,510,000

Empire District Gas Company
North System
Current Gas Cost Calculation

	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Totals
SUMMARY OF COMMODITY COSTS													
Sales Requirements	101,237	176,194	199,798	149,121	113,210	65,582	35,215	13,403	12,908	13,923	16,064	37,778	934,433
North System Loss	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	1.81%	
North System Loss Volume	1,832	3,189	3,616	2,699	2,049	1,187	637	243	234	252	291	684	16,913
City Gate Volume	103,069	179,383	203,414	151,820	115,259	66,769	35,852	13,646	13,142	14,175	16,355	38,462	951,346
PEPL Market Zone Fuel Loss	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
PEPL Field Zone Fuel Loss	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	
PEPL - Fuel Loss	1,144	1,991	2,258	1,685	1,279	741	398	151	146	157	182	427	10,559
Cheynne Plains Volume	0	0	0	0	0	0	0	0	0	0	0	0	
Cheyenne Plains Fuel + L&U Loss	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	
Cheyenne Plains - Fuel Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Purchase Requirements at Production Area	104,213	181,374	205,672	153,505	116,538	67,510	36,250	13,797	13,288	14,332	16,537	38,889	961,905
Contracted Financial Futures	0	0	0	0	0	0	0	0	0	0	0	0	0
Contracted Price	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Physical Forwards	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Price	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Natural Gas Market - Mid Continent	0	0	0	0	1,302	67,510	36,250	13,797	13,288	14,332	16,537	38,889	
Forecasted Price (NYMEX-PEPL Basis)	$ 4.500	$ 5.342	$ 5.604	$ 5.649	$ 5.560	$ 5.411	$ 5.406	$ 5.544	$ 5.686	$ 5.781	$ 5.796	$ 5.834	
Natural Gas Market - Cheyenne Plains	0	0	0	0	0	0	0	0	0	0	0	0	
Forecasted Price (NYMEX-CIG Basis)	$ 4.355	$ 5.260	$ 5.534	$ 5.534	$ 5.473	$ 5.234	$ 5.266	$ 5.334	$ 5.416	$ 5.491	$ 5.546	$ 5.699	
Total Natural Gas Purchased at Market	0	0	0	0	1,302	67,510	36,250	13,797	13,288	14,332	16,537	38,889	201,905
Total Cost	$ -	$ -	$ -	$ -	$ 7,239	$ 365,297	$ 195,968	$ 76,491	$ 75,556	$ 82,853	$ 95,848	$ 226,878	$ 1,126,130
Storage Withdrawal (17007)	104,213	181,374	205,672	153,505	115,236	0	0	0	0	0	0	0	760,000
Storage WACOG (17007)	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	$ 3.8240	
Total Cost	$ 398,511	$ 693,574	$ 786,490	$ 587,003	$ 440,662	$	$	$	$	$ -	$ -	$ -	$ 2,906,240
Forecasted Gas Commodity Cost	$ 398,511	$ 693,574	$ 786,490	$ 587,003	$ 447,901	$ 365,297	$ 195,968	$ 76,491	$ 75,556	$ 82,853	$ 95,848	$ 226,878	$ 4,032,370
Purchase Requirements at Production Area	104,213	181,374	205,672	153,505	116,538	67,510	36,250	13,797	13,288	14,332	16,537	38,889	961,905
Gas Commodity Cost/Dth													$ 4.1921
SUMMARY OF PIPELINE COMMODITY COSTS													
Panhandle Eastern Pipeline - Firm													
FT Commodity (Field Zone Volume)	102,391	178,202	202,075	150,821	114,500	66,329	35,616	13,556	13,055	14,082	16,247	38,209	
FT Commodity (Market Zone Volume)	101,910	177,365	201,125	150,112	113,962	66,018	35,449	13,492	12,994	14,016	16,171	38,029	
Cost/Dth - Field Zone	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	
Cost/Dth - Market Zone	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	$0.0098	
Total Panhandle PipelineCommodity Costs	$ 2,995	$ 5,213	$ 5,911	$ 4,412	$ 3,350	$ 1,940	$ 1,042	$ 397	$ 382	$ 412	$ 475	$ 1,118	$ 27,647
Cheyenne Plains Pipeline -Firm													
Cost/Dth - Commodity	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	
Cost/Dth - ACA	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	$0.0017	
Total Cheyenne Plains Comm Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Forecasted Pipeline Commodity Costs	$ 2,995	$ 5,213	$ 5,911	$ 4,412	$ 3,350	$ 1,940	$ 1,042	$ 397	$ 382	$ 412	$ 475	$ 1,118	$ 27,647
Purchase Requirements at Production Area	104,213	181,374	205,672	153,505	116,538	67,510	36,250	13,797	13,288	14,332	16,537	38,889	961,905
Pipeline Commodity Cost/Dth													$ 0.0287
												Production Area Cost of Gas	$ 4.2208

Empire District Gas Company
Northwest System Gas Cost Inputs

Northwest System Line Loss		0.67%
Annual Burnertip Sales		557,933
ANR RATES		
Transport Charge-STS SW Area SW Mainline	$	0.9223
Annual Charge Adjustment	$	0.0017
Deferred Transportation Cost Adj - STS (All Segments)	$	(0.0083)
Cashout Negative Surcharge - CNS	$	(0.0010)
	$	-
	$	0.9147
Transport Use Fee (1) - SW Southern Segment (ML-5)		1.34%
Transport Use Fee (2) - SW Central Segment (ML-6)		2.78%
Storage Use Fee - FSS and DDS Storage Services		1.07%

	Total Sales Volume @ Burnertip
Nov 09	60,710
Dec 09	105,266
Jan 10	120,296
Feb 10	87,633
Mar 10	72,967
Apr 10	34,645
May 10	15,883
Jun 10	9,384
Jul 10	7,714
Aug 10	8,413
Sep 10	9,296
Oct 10	25,726
	557,933
%	100.00%

Note: From FERC Gas Tariff: ANR 10th Revised Sheet No. 6 Effective 11/01/06; 51st Revised Sheet No. 17 Effective 06/01/09; 16th Revised Sheet No. 17A Effective 05/01/09; and 25th Revised Sheet No. 19 Effective 4/1/2008.

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total
Annual Throughput at Burnertip per Sales Forecast	158,087	399,846	557,933	0	557,933
Annual Throughput at Citygate	159,127	402,543	561,670	0	561,670
Annual Throughput at Production Area	166,336	408,010	574,346	0	574,346

Empire District Gas Company
Northwest System Gas Cost Inputs

Transportation	Annual/ Seasonal Volume	Volume %	No. of Mths Reserved	Tariff Rate	Annual Cost
Cheyenne Plains Reservation	-	100.00%		$ 0.8500	$ -
ANR Transportation Cost	574,346			$ 0.9147	$ 525,354
Pipeline Commodity Costs	574,346			$ -	$ -
Total Transportation Costs					$ 525,354
Natural Gas Purchases	574,346			$ 4.0318	$ 2,315,648
Total Annual Cost					$ 2,841,002
Sales Volume at Burnertip	557,933				
Cost per MCF at Burnertip					**$ 5.0920**

INTERRUPTIBLE		Volume %		Tariff Rate	Annual Cost
Cheyenne Plains Reservation	-	100.00%		$ 0.8500	$ -
Pipeline Commodity Costs	578,668			$ -	$ -
ANR Transportation Cost	578,668			$ @150% 1.3721	$ 793,961
Natural Gas Purchases	578,668			$ 4.0318	$ 2,333,074
Total Annual Cost					$ 3,127,035
Sales Volume at Burnertip	557,933				
Cost per MCF at Burnertip					**$ 5.6047**

Empire District Gas Company
Northwest System Gas Cost Inputs
Cheyenne Plains/WIC Transportation Charges

		Cheyenne Plains		
Firm Transportation - FT				Per Mcf
Reservation Rate	$	10.6924	$	0.8500
Commodity Rate			$	0.0010
ACA Charge			$	0.0017
Fuel Percentage		0.94%		
L & U Percentage		0.07%		

Note:Cheyenne Plains From FERC Gas Tariff: 8th Revised Sheet No. 20 Effective 6/1/09

Distribution	SS	PEPL	ANR	Total
Volume Percentage	100%	0%	0%	100.00%
Volume Flow through Cheyenne Plains				
Nov 09	300,000	-	-	
Dec 09	310,000	-	-	
Jan 10	310,000	-	-	
Feb 10	280,000	-	-	
Mar 10	310,000	-	-	
Apr 10	-	-	-	
May 10	-	-	-	
Jun 10	-	-	-	
Jul 10	-	-	-	
Aug 10	-	-	-	
Sep 10	-	-	-	
Oct 10	-	-	-	
	1,510,000	-	-	1,510,000

Enclosure 3

Empire District Gas Company
Northwest System
Current Gas Cost Calculation

	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Totals
SUMMARY OF COMMODITY COSTS													
Sales Requirements	60,710	105,266	120,296	87,633	72,967	34,645	15,883	9,384	7,714	8,413	9,296	25,726	557,933
Northwest System Loss	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	
Northwest System Loss Volume	407	705	806	587	489	232	106	63	52	56	62	172	3,737
City Gate Volume	61,117	105,971	121,102	88,220	73,456	34,877	15,989	9,447	7,766	8,469	9,358	25,898	561,670
Contract 109149	21,910	38,380	43,583	32,179	26,005	11,869	4,692	2,941	2,592	2,655	2,871	7,172	
Group 1 ANR Fuel %	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	1.34%	
Group 1 Supply - Fuel Loss	294	514	584	431	348	159	63	39	35	36	38	96	2,637
Contract 109150	38,800	66,886	76,713	55,454	46,962	22,776	11,191	6,443	5,122	5,758	6,425	18,554	
Group 2 ANR Fuel %	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	2.78%	
Group 2 Supply - Fuel Loss	1,079	1,859	2,133	1,542	1,306	633	311	179	142	160	179	516	10,039
Cheynne Plains Volume	0	0	0	0	0	0	0	0	0	0	0	0	
Cheyenne Plains Fuel + L&U Loss	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	
Cheyenne Plains - Fuel Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Purchase Requirements at Production Area	62,490	108,344	123,819	90,193	75,110	35,669	16,363	9,665	7,943	8,665	9,575	26,510	574,346
Contracted Financial Futures	0	0	0	0	0	0	0	0	0	0	0	0	0
Contracted Price	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Physical Forwards	0	0	0	0	0	0	0	0	0	0	0	0	
Average Price	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Natural Gas Market - Mid Continent	0	0	0	0	60,110	35,669	16,363	9,665	7,943	8,665	9,575	26,510	
Forecasted Price (NYMEX-ANR Basis)	$ 4.523	$ 5.3430	$ 5.6600	$ 5.7100	$ 5.6410	$ 5.4940	$ 5.5260	$ 5.5940	$ 5.6760	$ 5.7510	$ 5.8060	$ 5.9590	
Natural Gas Market - Cheyenne Plains	0	0	0	0	0	0	0	0	0	0	0	0	
Forecasted Price (NYMEX-CIG Basis)	$ 4.355	$ 5.260	$ 5.534	$ 5.584	$ 5.473	$ 5.234	$ 5.266	$ 5.334	$ 5.416	$ 5.491	$ 5.546	$ 5.699	
Total Natural Gas Purchased at Market	0	0	0	0	60,110	35,669	16,363	9,665	7,943	8,665	9,575	26,510	174,500
Total Cost	$ -	$ -	$ -	$ -	$ 339,081	$ 195,965	$ 90,422	$ 54,066	$ 45,084	$ 49,832	$ 55,592	$ 157,973	$ 988,015
Storage Withdrawal	62,490	108,344	123,819	90,193	15,000	0	0	0	0	0	0	0	399,846
Storage WACOG	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	$ 3.3204	
Total Cost	$ 207,492	$ 359,745	$ 411,129	$ 299,477	$ 49,806	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,327,649
Forecasted Gas Commodity Cost	$ 207,492	$ 359,745	$ 411,129	$ 299,477	$ 388,887	$ 195,965	$ 90,422	$ 54,066	$ 45,084	$ 49,832	$ 55,592	$ 157,973	$ 2,315,664
Purchase Requirements at Production Area	62,490	108,344	123,819	90,193	75,110	35,669	16,363	9,665	7,943	8,665	9,575	26,510	574,346
Gas Commodity Cost/Dth													$ 4.0318
SUMMARY OF PIPELINE COMMODITY COSTS													
Cheyenne Plains Pipeline													
Cost/Dth - Commodity	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Cost/Dth - ACA	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	
Total Cheyenne Plains Pipeline Comm Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Forecasted Pipeline Commodity Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Purchase Requirements at Production Area	62,490	108,344	123,819	90,193	75,110	35,669	16,363	9,665	7,943	8,665	9,575	26,510	574,346
Pipeline Commodity Cost/Dth													$ -
Production Area Cost of Gas													$ 4.0318

Enclosure 4

Empire District Gas Company
Schedule 1 - Gas Purchases
By Usage Month for the South System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2008	Oct 2008	268,246	3.4922	936,757.30		936,757.30	936,757.30	0.00			
Commodity - Transportation	Sep 2008	Oct 2008		0.0000		23,848.91	23,848.91	23,848.91	0.00			
Firm Transportation	Sep 2008	Oct 2008		0.0000		344,523.60	344,523.60	344,523.60	0.00			
Firm Transportation-Cheyenne Plains/WIC	Sep 2008	Oct 2008		0.0000		20,867.81	20,867.81	20,867.81	0.00			
Capacity Release	Sep 2008	Oct 2008		0.0000		(39,951.90)	(39,951.90)	(39,951.90)	0.00			
Imbalance Costs	Sep 2008	Oct 2008		0.0000		4,696.88	4,696.88	4,696.88	0.00			
Aggregator Cashouts	Sep 2008	Oct 2008	(2,326)	0.0000		(18,468.89)	(18,468.89)	(18,468.89)	0.00			
LV Cashouts	Sep 2008	Oct 2008	(4,088)	0.0000		(32,707.79)	(32,707.79)	(32,707.79)	0.00			
Storage Injections	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	(173,577)	(643,905.80)	
Storage Transportation	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00		(23,582.30)	
Storage Withdrawals	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	407	3,191.00	
Hedging - Settlement & Commission	Sep 2008	Oct 2008		0.0000		311,198.75	311,198.75	311,198.75	0.00			**886,467.57**
Purchases	Oct 2008	Nov 2008	180,064	3.6882	664,111.66		664,111.66	664,111.66	0.00			
Commodity - Transportation	Oct 2008	Nov 2008		0.0000		25,850.66	25,850.66	25,850.66	0.00			
Firm Transportation	Oct 2008	Nov 2008		0.0000		356,007.72	356,007.72	356,007.72	0.00			
Firm Transportation-Cheyenne Plains/WIC	Oct 2008	Nov 2008		0.0000		21,741.95	21,741.95	21,741.95	0.00			
Capacity Release	Oct 2008	Nov 2008		0.0000		(3,195.48)	(3,195.48)	(3,195.48)	0.00			
Imbalance Costs	Oct 2008	Nov 2008		0.0000		9,086.57	9,086.57	9,086.57	0.00			
Aggregator Cashouts	Oct 2008	Nov 2008	(2,264)	0.0000		(16,618.07)	(16,618.07)	(16,618.07)	0.00			
LV Cashouts	Oct 2008	Nov 2008	(6,226)	0.0000		(38,479.86)	(38,479.86)	(38,479.86)	0.00			
Storage Injections	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	(54,930)	(215,202.78)	
Storage Transportation	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00		(25,564.73)	
Storage Withdrawals	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	25,516	193,646.03	
Hedging - Settlement & Commission	Oct 2008	Nov 2008		0.0000		1,489,229.01	1,489,229.01	1,489,229.01	0.00			**2,460,612.68**
Purchases	Nov 2008	Dec 2008	351,610	3.0904	1,086,631.25		1,086,631.25	1,086,631.25	0.00			
Commodity - Transportation	Nov 2008	Dec 2008		0.0000		39,273.43	39,273.43	39,273.43	0.00			
Firm Transportation	Nov 2008	Dec 2008		0.0000		380,769.90	380,769.90	380,769.90	0.00			
Firm Transportation-Cheyenne Plains/WIC	Nov 2008	Dec 2008		0.0000		100,319.78	100,319.78	100,319.78	0.00			
Capacity Release	Nov 2008	Dec 2008		0.0000		(8,891.70)	(8,891.70)	(8,891.70)	0.00			
Imbalance Costs	Nov 2008	Dec 2008		0.0000		(6,677.26)	(6,677.26)	(6,677.26)	0.00			
Aggregator Cashouts	Nov 2008	Dec 2008	(2,462)	0.0000		(9,869.19)	(9,869.19)	(9,869.19)	0.00			
LV Cashouts	Nov 2008	Dec 2008	25,124	0.0000		92,806.63	92,806.63	92,806.63	0.00			
Storage Injections	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	(74,466)	(244,456.82)	
Storage Transportation	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00		(38,821.89)	
Storage Withdrawals	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	69,314	501,777.91	
Hedging - Settlement & Commission	Nov 2008	Dec 2008		0.0000		968,758.55	968,758.55	968,758.55	0.00			**2,861,620.59**
Purchases	Dec 2008	Jan 2009	388,660	4.8341	1,878,831.68		1,878,831.68	1,878,831.68	0.00			
Commodity - Transportation	Dec 2008	Jan 2009		0.0000		37,794.93	37,794.93	37,794.93	0.00			
Firm Transportation	Dec 2008	Jan 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	Dec 2008	Jan 2009		0.0000		156,897.51	156,897.51	156,897.51	0.00			
Capacity Release	Dec 2008	Jan 2009		0.0000		(9,307.13)	(9,307.13)	(9,307.13)	0.00			
Imbalance Costs	Dec 2008	Jan 2009		0.0000		(217.96)	(217.96)	(217.96)	0.00			
Aggregator Cashouts	Dec 2008	Jan 2009	8,935	0.0000		37,229.50	37,229.50	37,229.50	0.00			
LV Cashouts	Dec 2008	Jan 2009	(3,821)	0.0000		(41,483.96)	(41,483.96)	(41,483.96)	0.00			
Storage Injections	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	(29,561)	(151,795.57)	
Storage Transportation	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00		(37,312.50)	
Storage Withdrawals	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	220,848	1,591,585.28	
Hedging - Settlement & Commission	Dec 2008	Jan 2009		0.0000		1,023,382.07	1,023,382.07	1,023,382.07	0.00			**4,879,066.08**

Empire District Gas Company
Schedule 1 - Gas Purchases
By Usage Month for the South System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2009	Feb 2009	373,408	3.9486	1,474,431.75		1,474,431.75	1,474,431.75	0.00			
Commodity - Transportation	Jan 2009	Feb 2009		0.0000		30,411.65	30,411.65	30,411.65	0.00			
Firm Transportation	Jan 2009	Feb 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	Jan 2009	Feb 2009		0.0000		43,867.27	43,867.27	43,867.27	0.00			
Capacity Release	Jan 2009	Feb 2009		0.0000		(9,472.36)	(9,472.36)	(9,472.36)	0.00			
Imbalance Costs	Jan 2009	Feb 2009		0.0000		(107.28)	(107.28)	(107.28)	0.00			
Aggregator Cashouts	Jan 2009	Feb 2009	121	0.0000		20.40	20.40	20.40	0.00			
LV Cashouts	Jan 2009	Feb 2009	(2,039)	0.0000		(15,540.19)	(15,540.19)	(15,540.19)	0.00			
Storage Injections	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	(9,963)	(40,808.78)	
Storage Transportation	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00		(29,769.03)	
Storage Withdrawals	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	252,527	1,819,305.52	
Hedging - Settlement & Commission	Jan 2009	Feb 2009		0.0000		1,570,569.53	1,570,569.53	1,570,569.53	0.00			**5,236,370.71**
Purchases	Feb 2009	Mar 2009	315,120	3.1222	983,861.70		983,861.70	983,861.70	0.00			
Commodity - Transportation	Feb 2009	Mar 2009		0.0000		18,846.63	18,846.63	18,846.63	0.00			
Firm Transportation	Feb 2009	Mar 2009		0.0000		355,385.24	355,385.24	355,385.24	0.00			
Firm Transportation-Cheyenne Plains/WIC	Feb 2009	Mar 2009		0.0000		137,042.42	137,042.42	137,042.42	0.00			
Capacity Release	Feb 2009	Mar 2009		0.0000		(8,555.68)	(8,555.68)	(8,555.68)	0.00			
Imbalance Costs	Feb 2009	Mar 2009		0.0000		106.43	106.43	106.43	0.00			
Aggregator Cashouts	Feb 2009	Mar 2009	8,764	0.0000		22,366.28	22,366.28	22,366.28	0.00			
LV Cashouts	Feb 2009	Mar 2009	7,554	0.0000		23,736.38	23,736.38	23,736.38	0.00			
Storage Injections	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	(43,108)	(139,599.81)	
Storage Transportation	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00		(18,508.15)	
Storage Withdrawals	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	110,600	747,965.68	
Hedging - Settlement & Commission	Feb 2009	Mar 2009		0.0000		1,207,218.71	1,207,218.71	1,207,218.71	0.00			**3,329,865.83**
Purchases	Mar 2009	Apr 2009	224,361	2.5634	575,130.65		575,130.65	575,130.65	0.00			
Commodity - Transportation	Mar 2009	Apr 2009		0.0000		14,778.69	14,778.69	14,778.69	0.00			
Firm Transportation	Mar 2009	Apr 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	Mar 2009	Apr 2009		0.0000		82,127.82	82,127.82	82,127.82	0.00			
Capacity Release	Mar 2009	Apr 2009		0.0000		(9,472.36)	(9,472.36)	(9,472.36)	0.00			
Imbalance Costs	Mar 2009	Apr 2009		0.0000		69.29	69.29	69.29	0.00			
Aggregator Cashouts	Mar 2009	Apr 2009	5,296	0.0000		13,286.76	13,286.76	13,286.76	0.00			
LV Cashouts	Mar 2009	Apr 2009	(17,526)	0.0000		(72,226.97)	(72,226.97)	(72,226.97)	0.00			
Other Costs	Mar 2009	Apr 2009		0.0000		(870.78)	(870.78)	(870.78)	0.00			
Storage Injections	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	(39,286)	(104,453.42)	
Storage Transportation	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00		(14,398.23)	
Storage Withdrawals	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	124,779	776,948.92	
Hedging - Settlement & Commission	Mar 2009	Apr 2009		0.0000		98,071.05	98,071.05	98,071.05	0.00			**1,752,453.65**
Purchases	Apr 2009	May 2009	214,734	2.5364	544,655.58		544,655.58	544,655.58	0.00			
Commodity - Transportation	Apr 2009	May 2009		0.0000		10,886.07	10,886.07	10,886.07	0.00			
Firm Transportation	Apr 2009	May 2009		0.0000		380,769.90	380,769.90	380,769.90	0.00			
Firm Transportation-Cheyenne Plains/WIC	Apr 2009	May 2009		0.0000		80,646.85	80,646.85	80,646.85	0.00			
Capacity Release	Apr 2009	May 2009		0.0000		(9,166.80)	(9,166.80)	(9,166.80)	0.00			
Imbalance Costs	Apr 2009	May 2009		0.0000		351.32	351.32	351.32	0.00			
Aggregator Cashouts	Apr 2009	May 2009	8,902	0.0000		22,512.08	22,512.08	22,512.08	0.00			
LV Cashouts	Apr 2009	May 2009	7,244	0.0000		17,849.82	17,849.82	17,849.82	0.00			
Storage Injections	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	(87,428)	(230,010.90)	
Storage Transportation	Apr 2009	May 2009		0.0000			0.00	0.00	0.00		(10,520.11)	
Storage Withdrawals	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	55,999	276,741.46	
Hedging - Settlement & Commission	Apr 2009	May 2009		0.0000		89,824.96	89,824.96	89,824.96	0.00			**1,174,540.23**

Empire District Gas Company
Schedule 1 - Gas Purchases
By Usage Month for the South System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	May 2009	Jun 2009	189,625	2.6638	505,127.03		505,127.03	505,127.03	0.00			
Commodity - Transportation	May 2009	Jun 2009		0.0000		14,397.22	14,397.22	14,397.22	0.00			
Firm Transportation	May 2009	Jun 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	May 2009	Jun 2009		0.0000		51,313.08	51,313.08	51,313.08	0.00			
Capacity Release	May 2009	Jun 2009		0.0000		(9,472.36)	(9,472.36)	(9,472.36)	0.00			
Imbalance Costs	May 2009	Jun 2009		0.0000		45.53	45.53	45.53	0.00			
Aggregator Cashouts	May 2009	Jun 2009	5,640	0.0000		13,939.82	13,939.82	13,939.82	0.00			
LV Cashouts	May 2009	Jun 2009	8,599	0.0000		22,027.45	22,027.45	22,027.45	0.00			
Storage Injections	May 2009	Jun 2009		0.0000			0.00	0.00	0.00	(122,804)	(339,301.53)	
Storage Transportation	May 2009	Jun 2009		0.0000			0.00	0.00	0.00		(14,025.71)	
Storage Withdrawals	May 2009	Jun 2009		0.0000			0.00	0.00	0.00	4,263	17,503.45	
Hedging - Settlement & Commission	May 2009	Jun 2009		0.0000		63,690.60	63,690.60	63,690.60	0.00			**718,706.81**
Purchases	Jun 2009	Jul 2009	153,895	2.7250	419,364.15		419,364.15	419,364.15	0.00			
Commodity - Transportation	Jun 2009	Jul 2009		0.0000		16,589.00	16,589.00	16,589.00	0.00			
Firm Transportation	Jun 2009	Jul 2009		0.0000		380,769.90	380,769.90	380,769.90	0.00			
Firm Transportation-Cheyenne Plains/WIC	Jun 2009	Jul 2009		0.0000		57,089.46	57,089.46	57,089.46	0.00			
Capacity Release	Jun 2009	Jul 2009		0.0000		(9,166.80)	(9,166.80)	(9,166.80)	0.00			
Imbalance Costs	Jun 2009	Jul 2009		0.0000		817.36	817.36	817.36	0.00			
Aggregator Cashouts	Jun 2009	Jul 2009	4,093	0.0000		10,593.67	10,593.67	10,593.67	0.00			
LV Cashouts	Jun 2009	Jul 2009	256	0.0000		(3,895.97)	(3,895.97)	(3,895.97)	0.00			
Storage Injections	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00	(95,116)	(268,840.33)	
Storage Transportation	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00		(16,240.42)	
Storage Withdrawals	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00			
Hedging - Settlement & Commission	Jun 2009	Jul 2009		0.0000		53,873.62	53,873.62	53,873.62	0.00			**640,953.64**
Purchases	Jul 2009	Aug 2009	151,177	2.7762	419,695.57		419,695.57	419,695.57	0.00			
Commodity - Transportation	Jul 2009	Aug 2009		0.0000		21,110.86	21,110.86	21,110.86	0.00			
Firm Transportation	Jul 2009	Aug 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	Jul 2009	Aug 2009		0.0000		51,734.88	51,734.88	51,734.88	0.00			
Capacity Release	Jul 2009	Aug 2009		0.0000		(9,472.36)	(9,472.36)	(9,472.36)	0.00			
Imbalance Costs	Jul 2009	Aug 2009		0.0000		80.60	80.60	80.60	0.00			
Aggregator Cashouts	Jul 2009	Aug 2009	1,259	0.0000		3,397.48	3,397.48	3,397.48	0.00			
LV Cashouts	Jul 2009	Aug 2009	554	0.0000		(103.95)	(103.95)	(103.95)	0.00			
Storage Injections	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00	(92,829)	(267,300.86)	
Storage Transportation	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00		(20,727.88)	
Storage Withdrawals	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00	2,090	7,729.03	
Hedging - Settlement & Commission	Jul 2009	Aug 2009		0.0000		(107,848.33)	(107,848.33)	(107,848.33)	0.00			**491,757.27**
Purchases	Aug 2009	Sep 2009	163,250	3.0290	494,490.43		494,490.43	494,490.43	0.00			
Commodity - Transportation	Aug 2009	Sep 2009		0.0000		25,010.54	25,010.54	25,010.54	0.00			
Firm Transportation	Aug 2009	Sep 2009		0.0000		393,462.23	393,462.23	393,462.23	0.00			
Firm Transportation-Cheyenne Plains/WIC	Aug 2009	Sep 2009		0.0000		42,739.04	42,739.04	42,739.04	0.00			
Capacity Release	Aug 2009	Sep 2009		0.0000		(9,472.36)	(9,472.36)	(9,472.36)	0.00			
Imbalance Costs	Aug 2009	Sep 2009		0.0000		(147.55)	(147.55)	(147.55)	0.00			
Aggregator Cashouts	Aug 2009	Sep 2009	(2,153)	0.0000		(7,563.78)	(7,563.78)	(7,563.78)	0.00			
LV Cashouts	Aug 2009	Sep 2009	4,860	0.0000		14,978.58	14,978.58	14,978.58	0.00			
Storage Injections	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00	(103,569)	(325,387.30)	
Storage Transportation	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00		(24,627.38)	
Storage Withdrawals	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00			
Hedging - Settlement & Commission	Aug 2009	Sep 2009		0.0000		81,007.47	81,007.47	81,007.47	0.00			**684,489.92**
			3,028,446		9,983,088.75	12,442,584.18	22,425,672.93	22,425,672.93	-	(60,294)	2,691,232.05	**25,116,904.98**

Empire District Gas Company
Schedule 2 - Gas Purchases
By Usage Month for the North System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2008	Oct 2008	227,396	3.4275	779,409.30		779,409.30	779,409.30	0.00			
Commodity - Transportation	Sep 2008	Oct 2008		0.0000		5,727.97	5,727.97	5,727.97	0.00			
Firm Transportation - Storage (17004)	Sep 2008	Oct 2008		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Sep 2008	Oct 2008		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Sep 2008	Oct 2008		0.0000		53,759.91	53,759.91	53,759.91	0.00			
Capacity Release (17005)	Sep 2008	Oct 2008		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Sep 2008	Oct 2008		0.0000		(238.80)	(238.80)	(238.80)	0.00			
Storage Injections	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	(175,609)	(613,937.23)	
Storage Transportation	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00		(3,833.19)	
Storage Withdrawals	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Sep 2008	Oct 2008	(295)	0.0000		(2,618.12)	(2,618.12)	(2,618.12)	0.00			
LV Cashouts	Sep 2008	Oct 2008	714	0.0000		3,028.78	3,028.78	3,028.78	0.00			
Hedging - Settlement & Commission	Sep 2008	Oct 2008		0.0000		436,547.42	436,547.42	436,547.42	0.00			**794,332.55**
Purchases	Oct 2008	Nov 2008	253,612	3.7544	952,172.76		952,172.76	952,172.76	0.00			
Commodity - Transportation	Oct 2008	Nov 2008		0.0000		8,049.82	8,049.82	8,049.82	0.00			
Firm Transportation - Storage (17004)	Oct 2008	Nov 2008		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Oct 2008	Nov 2008		0.0000		88,469.99	88,469.99	88,469.99	0.00			
Firm Transportation - Cheyenne Plains/WIC	Oct 2008	Nov 2008		0.0000		74,678.41	74,678.41	74,678.41	0.00			
Capacity Release (17005)	Oct 2008	Nov 2008		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Oct 2008	Nov 2008		0.0000		(160.62)	(160.62)	(160.62)	0.00			
Storage Injections	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	(162,869)	(623,695.95)	
Storage Transportation	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00		(3,521.83)	
Storage Withdrawals	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Oct 2008	Nov 2008	587	0.0000		2,771.41	2,771.41	2,771.41	0.00			
LV Cashouts	Oct 2008	Nov 2008	4,134	0.0000		(2,767.04)	(2,767.04)	(2,767.04)	0.00			
Hedging - Settlement & Commission	Oct 2008	Nov 2008		0.0000		287,943.18	287,943.18	287,943.18	0.00			**831,956.64**
Purchases	Nov 2008	Dec 2008	68,000	3.3614	228,575.00		228,575.00	228,575.00	0.00			
Commodity - Transportation	Nov 2008	Dec 2008		0.0000		2,903.19	2,903.19	2,903.19	0.00			
Firm Transportation - Storage (17004)	Nov 2008	Dec 2008		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Nov 2008	Dec 2008		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Nov 2008	Dec 2008		0.0000		2,469.70	2,469.70	2,469.70	0.00			
Capacity Release (17005)	Nov 2008	Dec 2008		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Nov 2008	Dec 2008		0.0000		(212.90)	(212.90)	(212.90)	0.00			
Storage Injections	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	(11,145)	(38,252.73)	
Storage Transportation	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00		(241.26)	
Storage Withdrawals	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	91,101	574,218.71	
Aggregator Cashouts	Nov 2008	Dec 2008	(16)	0.0000		(312.63)	(312.63)	(312.63)	0.00			
LV Cashouts	Nov 2008	Dec 2008	(4,453)	0.0000		(504.29)	(504.29)	(504.29)	0.00			
Hedging - Settlement & Commission	Nov 2008	Dec 2008		0.0000		170,041.52	170,041.52	170,041.52	0.00			**1,133,725.82**
Purchases	Dec 2008	Jan 2009	68,200	4.8826	332,991.50		332,991.50	332,991.50	0.00			
Commodity - Transportation	Dec 2008	Jan 2009		0.0000		4,199.09	4,199.09	4,199.09	0.00			
Firm Transportation - Storage (17004)	Dec 2008	Jan 2009		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Dec 2008	Jan 2009		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Dec 2008	Jan 2009		0.0000		643.04	643.04	643.04	0.00			
Capacity Release (17005)	Dec 2008	Jan 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Dec 2008	Jan 2009		0.0000		(195.21)	(195.21)	(195.21)	0.00			
Storage Injections	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	(385)	(1,918.86)	
Storage Transportation	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00		(8.33)	
Storage Withdrawals	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	190,513	1,200,689.13	
Aggregator Cashouts	Dec 2008	Jan 2009	73	0.0000		(583.68)	(583.68)	(583.68)	0.00			
LV Cashouts	Dec 2008	Jan 2009	4,019	0.0000		(24,788.57)	(24,788.57)	(24,788.57)	0.00			
Hedging - Settlement & Commission	Dec 2008	Jan 2009		0.0000		251,445.83	251,445.83	251,445.83	0.00			**1,957,515.45**

Empire District Gas Company
Schedule 2 - Gas Purchases
By Usage Month for the North System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2009	Feb 2009	91,389	4.5287	413,877.55		413,877.55	413,877.55	0.00			
Commodity - Transportation	Jan 2009	Feb 2009		0.0000		4,528.06	4,528.06	4,528.06	0.00			
Firm Transportation - Storage (17004)	Jan 2009	Feb 2009		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Jan 2009	Feb 2009		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jan 2009	Feb 2009		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jan 2009	Feb 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Jan 2009	Feb 2009		0.0000		(474.14)	(474.14)	(474.14)	0.00			
Storage Injections	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	172,543	1,087,435.00	
Aggregator Cashouts	Jan 2009	Feb 2009	(1,596)	0.0000		(8,588.07)	(8,588.07)	(8,588.07)	0.00			
LV Cashouts	Jan 2009	Feb 2009	2,199	0.0000		8,183.01	8,183.01	8,183.01	0.00			
Hedging - Settlement & Commission	Jan 2009	Feb 2009		0.0000		293,143.55	293,143.55	293,143.55	0.00			**1,993,146.47**
Purchases	Feb 2009	Mar 2009	58,520	3.0149	176,429.68		176,429.68	176,429.68	0.00			
Commodity - Transportation	Feb 2009	Mar 2009		0.0000		3,012.68	3,012.68	3,012.68	0.00			
Firm Transportation - Storage (17004)	Feb 2009	Mar 2009		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Feb 2009	Mar 2009		0.0000		129,269.99	129,269.99	129,269.99	0.00			
Firm Transportation - Cheyenne Plains/WIC	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00			
Capacity Release (17005)	Feb 2009	Mar 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Feb 2009	Mar 2009		0.0000		(697.39)	(697.39)	(697.39)	0.00			
Storage Injections	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	(350)	(1,076.32)	
Storage Transportation	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00		(7.57)	
Storage Withdrawals	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	120,784	760,830.49	
Aggregator Cashouts	Feb 2009	Mar 2009	2,334	0.0000		6,151.65	6,151.65	6,151.65	0.00			
LV Cashouts	Feb 2009	Mar 2009	3,503	0.0000		6,662.02	6,662.02	6,662.02	0.00			
Hedging - Settlement & Commission	Feb 2009	Mar 2009		0.0000		353,760.84	353,760.84	353,760.84	0.00			**1,500,107.58**
Purchases	Mar 2009	Apr 2009	65,573	0.0000	168,318.63		168,318.63	168,318.63	0.00			
Commodity - Transportation	Mar 2009	Apr 2009		0.0000		2,848.34	2,848.34	2,848.34	0.00			
Firm Transportation - Storage (17004)	Mar 2009	Apr 2009		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Mar 2009	Apr 2009		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Mar 2009	Apr 2009		0.0000		19,055.40	19,055.40	19,055.40	0.00			
Capacity Release (17005)	Mar 2009	Apr 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Mar 2009	Apr 2009		0.0000		(232.43)	(232.43)	(232.43)	0.00			
Storage Injections	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	(10,109)	(26,495.54)	
Storage Transportation	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00		(218.81)	
Storage Withdrawals	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	92,722	569,442.89	
Aggregator Cashouts	Mar 2009	Apr 2009	(1,727)	0.0000		(6,029.00)	(6,029.00)	(6,029.00)	0.00			
LV Cashouts	Mar 2009	Apr 2009	1,608	0.0000		3,340.72	3,340.72	3,340.72	0.00			
Hedging - Settlement & Commission	Mar 2009	Apr 2009		0.0000		50,127.00	50,127.00	50,127.00	0.00			**975,198.71**
Purchases	Apr 2009	May 2009	110,240	2.5631	282,556.05		282,556.05	282,556.05	0.00			
Commodity - Transportation	Apr 2009	May 2009		0.0000		3,009.83	3,009.83	3,009.83	0.00			
Firm Transportation - Storage (17004)	Apr 2009	May 2009		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Apr 2009	May 2009		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Apr 2009	May 2009		0.0000		40,363.70	40,363.70	40,363.70	0.00			
Capacity Release (17005)	Apr 2009	May 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Apr 2009	May 2009		0.0000		(519.67)	(519.67)	(519.67)	0.00			
Storage Injections	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	(44,800)	(117,261.83)	
Storage Transportation	Apr 2009	May 2009		0.0000			0.00	0.00	0.00		(969.09)	
Storage Withdrawals	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	8,325	44,119.17	
Aggregator Cashouts	Apr 2009	May 2009	(633)	0.0000		(13,177.15)	(13,177.15)	(13,177.15)	0.00			
LV Cashouts	Apr 2009	May 2009	(3,732)	0.0000		(2,014.12)	(2,014.12)	(2,014.12)	0.00			
Hedging - Settlement & Commission	Apr 2009	May 2009		0.0000		41,665.18	41,665.18	41,665.18	0.00			**414,258.58**

Empire District Gas Company
Schedule 2 - Gas Purchases
By Usage Month for the North System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases -	May 2009	Jun 2009	90,298	2.7037	244,140.89		244,140.89	244,140.89	0.00			
Commodity - Transportation	May 2009	Jun 2009		0.0000		2,272.03	2,272.03	2,272.03	0.00			
Firm Transportation - Storage (17004)	May 2009	Jun 2009		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	May 2009	Jun 2009		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	May 2009	Jun 2009		0.0000		23,362.99	23,362.99	23,362.99	0.00			
Capacity Release (17005)	May 2009	Jun 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	May 2009	Jun 2009		0.0000		(145.09)	(145.09)	(145.09)	0.00			
Storage Injections	May 2009	Jun 2009		0.0000			0.00	0.00	0.00	(65,556)	(180,985.68)	
Storage Transportation	May 2009	Jun 2009		0.0000			0.00	0.00	0.00		(1,419.13)	
Storage Withdrawals	May 2009	Jun 2009		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	May 2009	Jun 2009	873	0.0000		1,532.16	1,532.16	1,532.16	0.00			
LV Cashouts	May 2009	Jun 2009	(622)	0.0000		(3,647.37)	(3,647.37)	(3,647.37)	0.00			
Hedging - Settlement & Commission	May 2009	Jun 2009		0.0000		62,963.40	62,963.40	62,963.40	0.00			**284,560.71**
Purchases -	Jun 2009	Jul 2009	152,131	0.0000	420,244.41		420,244.41	420,244.41	0.00			
Commodity - Transportation	Jun 2009	Jul 2009		0.0000		3,734.96	3,734.96	3,734.96	0.00			
Firm Transportation - Storage (17004)	Jun 2009	Jul 2009		0.0000		55,998.46	55,998.46	55,998.46	0.00			
Firm Transportation - Commodity (17005)	Jun 2009	Jul 2009		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jun 2009	Jul 2009		0.0000		59,757.33	59,757.33	59,757.33	0.00			
Capacity Release (17005)	Jun 2009	Jul 2009		0.0000		(7,981.96)	(7,981.96)	(7,981.96)	0.00			
Penalty Credit (17005)	Jun 2009	Jul 2009		0.0000		(124.91)	(124.91)	(124.91)	0.00			
Storage Injections	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00	(133,278)	(375,951.59)	
Storage Transportation	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00		(2,885.23)	
Storage Withdrawals	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Jun 2009	Jul 2009	(87)	0.0000		(362.02)	(362.02)	(362.02)	0.00			
LV Cashouts	Jun 2009	Jul 2009	1,975	0.0000		4,552.30	4,552.30	4,552.30	0.00			
Hedging - Settlement & Commission	Jun 2009	Jul 2009		0.0000		55,156.32	55,156.32	55,156.32	0.00			**300,608.07**
Purchases -	Jul 2009	Aug 2009	154,802	2.8174	436,132.19		436,132.19	436,132.19	0.00			
Commodity - Transportation	Jul 2009	Aug 2009		0.0000		3,819.35	3,819.35	3,819.35	0.00			
Firm Transportation - Storage (17004)	Jul 2009	Aug 2009		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Jul 2009	Aug 2009		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jul 2009	Aug 2009		0.0000		60,209.32	60,209.32	60,209.32	0.00			
Capacity Release (17005)	Jul 2009	Aug 2009		0.0000		(5,023.13)	(5,023.13)	(5,023.13)	0.00			
Penalty Credit (17005)	Jul 2009	Aug 2009		0.0000		(115.33)	(115.33)	(115.33)	0.00			
Storage Injections	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00	(131,489)	(382,669.50)	
Storage Transportation	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00		(2,846.53)	
Storage Withdrawals	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Jul 2009	Aug 2009	231	0.0000		618.40	618.40	618.40	0.00			
LV Cashouts	Jul 2009	Aug 2009	(2,596)	0.0000		(10,505.51)	(10,505.51)	(10,505.51)	0.00			
Hedging - Settlement & Commission	Jul 2009	Aug 2009		0.0000		(126,465.76)	(126,465.76)	(126,465.76)	0.00			**117,621.97**
Purchases -	Aug 2009	Sep 2009	113,110	3.0500	344,985.59		344,985.59	344,985.59	0.00			
Commodity - Transportation	Aug 2009	Sep 2009		0.0000		2,835.72	2,835.72	2,835.72	0.00			
Firm Transportation - Storage (17004)	Aug 2009	Sep 2009		0.0000		56,049.42	56,049.42	56,049.42	0.00			
Firm Transportation - Commodity (17005)	Aug 2009	Sep 2009		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Aug 2009	Sep 2009		0.0000		31,439.25	31,439.25	31,439.25	0.00			
Capacity Release (17005)	Aug 2009	Sep 2009		0.0000		(5,023.13)	(5,023.13)	(5,023.13)	0.00			
Penalty Credit (17005)	Aug 2009	Sep 2009		0.0000		(306.32)	(306.32)	(306.32)	0.00			
Storage Injections	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00	(93,078)	(289,884.20)	
Storage Transportation	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00		(2,014.93)	
Storage Withdrawals	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Aug 2009	Sep 2009	(199)	0.0000		868.85	868.85	868.85	0.00			
LV Cashouts	Aug 2009	Sep 2009	(1,245)	0.0000		5,020.94	5,020.94	5,020.94	0.00			
Hedging - Settlement & Commission	Aug 2009	Sep 2009		0.0000		57,284.19	57,284.19	57,284.19	0.00			**289,725.38**
			1,458,320.00		4,779,833.55	4,246,284.32	9,026,117.87	9,026,117.87	0.00	(152,680)	1,566,640.06	**10,592,757.93**

Enclosure 4

Empire District Gas Company
Schedule 3 - Gas Purchases
By Usage Month for the Northwest System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2008	Oct 2008	120,000	3.3547	402,560.00		402,560.00	402,560.00	0.00			
Commodity - Transportation (109149)	Sep 2008	Oct 2008		0.0000		28,330.79	28,330.79	28,330.79	0.00			
Commodity - Transportation (109150)	Sep 2008	Oct 2008		0.0000		77,198.38	77,198.38	77,198.38	0.00			
Firm Transportation - Cheyenne Plains/WIC	Sep 2008	Oct 2008		0.0000		29,659.20	29,659.20	29,659.20	0.00			
Storage Injections	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	(104,200)	(353,357.26)	
Storage Transportation	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Sep 2008	Oct 2008		0.0000			0.00	0.00	0.00	141	989.90	
LV Cashouts	Sep 2008	Oct 2008	1,789	0.0000		10,171.04	10,171.04	10,171.04	0.00			
Aggregator Cashouts	Sep 2008	Oct 2008	(169)	0.0000		(1,757.97)	(1,757.97)	(1,757.97)	0.00			
Hedging - Settlement & Commission	Sep 2008	Oct 2008		0.0000		104,386.21	104,386.21	104,386.21	0.00			**298,180.29**
Purchases	Oct 2008	Nov 2008	58,517	4.0426	236,559.76		236,559.76	236,559.76	0.00			
Commodity - Transportation (109149)	Oct 2008	Nov 2008		0.0000		27,581.86	27,581.86	27,581.86	0.00			
Commodity - Transportation (109150)	Oct 2008	Nov 2008		0.0000		25,943.68	25,943.68	25,943.68	0.00			
Firm Transportation - Cheyenne Plains/WIC	Oct 2008	Nov 2008		0.0000		10,630.12	10,630.12	10,630.12	0.00			
Storage Injections	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	(44,486)	(175,797.31)	
Storage Transportation	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Oct 2008	Nov 2008		0.0000			0.00	0.00	0.00	14,927	99,972.09	
LV Cashouts	Oct 2008	Nov 2008	1,964	0.0000		6,281.91	6,281.91	6,281.91	0.00			
Aggregator Cashouts	Oct 2008	Nov 2008	296	0.0000		1,105.98	1,105.98	1,105.98	0.00			
Hedging - Settlement & Commission	Oct 2008	Nov 2008		0.0000		49,878.49	49,878.49	49,878.49	0.00			**282,156.58**
Purchases	Nov 2008	Dec 2008	11,750	3.6745	43,175.00		43,175.00	43,175.00	0.00			
Commodity - Transportation (109149)	Nov 2008	Dec 2008		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (109150)	Nov 2008	Dec 2008		0.0000		10,470.60	10,470.60	10,470.60	0.00			
Firm Transportation - Cheyenne Plains/WIC	Nov 2008	Dec 2008		0.0000		1,417.21	1,417.21	1,417.21	0.00			
Storage Injections	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	(1,304)	(4,835.64)	
Storage Transportation	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Nov 2008	Dec 2008		0.0000			0.00	0.00	0.00	56,681	379,076.86	
LV Cashouts	Nov 2008	Dec 2008	(2,948)	0.0000		(14,472.94)	(14,472.94)	(14,472.94)	0.00			
Aggregator Cashouts	Nov 2008	Dec 2008	(1,364)	0.0000		(8,879.52)	(8,879.52)	(8,879.52)	0.00			
Hedging - Settlement & Commission	Nov 2008	Dec 2008		0.0000		87,166.19	87,166.19	87,166.19	0.00			**493,117.76**
Purchases	Dec 2008	Jan 2009	35,000	4.8976	171,415.00		171,415.00	171,415.00	0.00			
Commodity - Transportation (109149)	Dec 2008	Jan 2009		0.0000		11,731.94	11,731.94	11,731.94	0.00			
Commodity - Transportation (109150)	Dec 2008	Jan 2009		0.0000		19,527.93	19,527.93	19,527.93	0.00			
Firm Transportation - Cheyenne Plains/WIC	Dec 2008	Jan 2009		0.0000		369.00	369.00	369.00	0.00			
Storage Injections	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	(6,222)	(30,796.11)	
Storage Transportation	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Dec 2008	Jan 2009		0.0000			0.00	0.00	0.00	96,864	644,891.45	
LV Cashouts	Dec 2008	Jan 2009	(3,428)	0.0000		(27,330.99)	(27,330.99)	(27,330.99)	0.00			
Aggregator Cashouts	Dec 2008	Jan 2009	(3,582)	0.0000		(27,581.33)	(27,581.33)	(27,581.33)	0.00			
Hedging - Settlement & Commission	Dec 2008	Jan 2009		0.0000		74,449.33	74,449.33	74,449.33	0.00			**836,676.22**

Empire District Gas Company
Schedule 3 - Gas Purchases
By Usage Month for the Northwest System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2009	Feb 2009	26,775	3.9204	104,969.25		104,969.25	104,969.25	0.00			
Commodity - Transportation (109149)	Jan 2009	Feb 2009		0.0000		12,807.63	12,807.63	12,807.63	0.00			
Commodity - Transportation (109150)	Jan 2009	Feb 2009		0.0000		10,955.36	10,955.36	10,955.36	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jan 2009	Feb 2009		0.0000		87,354.00	87,354.00	87,354.00	0.00			
Storage Injections	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	(7,866)	(31,171.10)	
Storage Transportation	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Jan 2009	Feb 2009		0.0000			0.00	0.00	0.00	105,316	692,873.96	
LV Cashouts	Jan 2009	Feb 2009	(87)	0.0000		(2,296.28)	(2,296.28)	(2,296.28)	0.00			
Aggregator Cashouts	Jan 2009	Feb 2009	(622)	0.0000		(3,994.10)	(3,994.10)	(3,994.10)	0.00			
Hedging - Settlement & Commission	Jan 2009	Feb 2009		0.0000		1,674.00	1,674.00	1,674.00	0.00			**873,172.72**
Purchases	Feb 2009	Mar 2009	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation (109149)	Feb 2009	Mar 2009		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (109150)	Feb 2009	Mar 2009		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains/WIC	Feb 2009	Mar 2009		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Feb 2009	Mar 2009		0.0000			0.00	0.00	0.00	81,705	537,529.02	
LV Cashouts	Feb 2009	Mar 2009	686	0.0000		391.77	391.77	391.77	0.00			
Aggregator Cashouts	Feb 2009	Mar 2009	2,022	0.0000		4,927.34	4,927.34	4,927.34	0.00			
Hedging - Settlement & Commission	Feb 2009	Mar 2009		0.0000		430,542.24	430,542.24	430,542.24	0.00			**973,390.37**
Purchases	Mar 2009	Apr 2009	80,390	2.5700	206,602.30		206,602.30	206,602.30	0.00			
Commodity - Transportation (109149)	Mar 2009	Apr 2009		0.0000		42,860.10	42,860.10	42,860.10	0.00			
Commodity - Transportation (109150)	Mar 2009	Apr 2009		0.0000		28,296.38	28,296.38	28,296.38	0.00			
Firm Transportation - Cheyenne Plains/WIC	Mar 2009	Apr 2009		0.0000		35,219.07	35,219.07	35,219.07	0.00			
Storage Injections	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	(40,679)	(105,673.26)	
Storage Transportation	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Mar 2009	Apr 2009		0.0000			0.00	0.00	0.00	32,153	169,192.30	
LV Cashouts	Mar 2009	Apr 2009	(1,221)	0.0000		(4,969.45)	(4,969.45)	(4,969.45)	0.00			
Aggregator Cashouts	Mar 2009	Apr 2009	(506)	0.0000		(2,046.70)	(2,046.70)	(2,046.70)	0.00			
Hedging - Settlement & Commission	Mar 2009	Apr 2009		0.0000		13,501.95	13,501.95	13,501.95	0.00			**382,982.69**
Purchases	Apr 2009	May 2009	29,572	2.5725	76,073.97		76,073.97	76,073.97	0.00			
Commodity - Transportation (109149)	Apr 2009	May 2009		0.0000		26,428.44	26,428.44	26,428.44	0.00			
Commodity - Transportation (109150)	Apr 2009	May 2009		0.0000		107.06	107.06	107.06	0.00			
Firm Transportation - Cheyenne Plains/WIC	Apr 2009	May 2009		0.0000		13,266.59	13,266.59	13,266.59	0.00			
Storage Injections	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	(15,415)	(40,172.16)	
Storage Transportation	Apr 2009	May 2009		0.0000			0.00	0.00	0.00	27,030	131,819.60	
Storage Withdrawals	Apr 2009	May 2009		0.0000			0.00	0.00	0.00			
LV Cashouts	Apr 2009	May 2009	(775)	0.0000		(5,176.34)	(5,176.34)	(5,176.34)	0.00			
Aggregator Cashouts	Apr 2009	May 2009	275	0.0000		525.45	525.45	525.45	0.00			
Hedging - Settlement & Commission	Apr 2009	May 2009		0.0000		39,361.86	39,361.86	39,361.86	0.00			**242,234.47**

Empire District Gas Company
Schedule 3 - Gas Purchases
By Usage Month for the Northwest System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	May 2009	Jun 2009	88,500	2.7398	242,474.87		242,474.87	242,474.87	0.00			
Commodity - Transportation (109149)	May 2009	Jun 2009		0.0000		61,729.17	61,729.17	61,729.17	0.00			
Commodity - Transportation (109150)	May 2009	Jun 2009		0.0000		16,983.49	16,983.49	16,983.49	0.00			
Firm Transportation - Cheyenne Plains/WIC	May 2009	Jun 2009		0.0000		29,576.44	29,576.44	29,576.44	0.00			
Storage Injections	May 2009	Jun 2009		0.0000			0.00	0.00	0.00	(72,864)	(202,290.39)	
Storage Transportation	May 2009	Jun 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	May 2009	Jun 2009		0.0000			0.00	0.00	0.00	2,754	10,659.08	
LV Cashouts	May 2009	Jun 2009		0.0000		303.29	303.29	303.29	0.00			
Aggregator Cashouts	May 2009	Jun 2009		0.0000		245.04	245.04	245.04	0.00			
Hedging - Settlement & Commission	May 2009	Jun 2009		0.0000		24,846.00	24,846.00	24,846.00	0.00			**184,526.99**
Purchases	Jun 2009	Jul 2009	60,000	2.7911	167,466.00		167,466.00	167,466.00	0.00			
Commodity - Transportation (109149)	Jun 2009	Jul 2009		0.0000		53,233.73	53,233.73	53,233.73	0.00			
Commodity - Transportation (109150)	Jun 2009	Jul 2009		0.0000		85.10	85.10	85.10	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jun 2009	Jul 2009		0.0000		28,938.36	28,938.36	28,938.36	0.00			
Storage Injections	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00	(54,609)	(154,434.35)	
Storage Transportation	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Jun 2009	Jul 2009		0.0000			0.00	0.00	0.00	5,458	19,601.32	
LV Cashouts	Jun 2009	Jul 2009	2,204	0.0000		5,939.82	5,939.82	5,939.82	0.00			
Aggregator Cashouts	Jun 2009	Jul 2009	86	0.0000		201.37	201.37	201.37	0.00			
Hedging - Settlement & Commission	Jun 2009	Jul 2009		0.0000		27,428.06	27,428.06	27,428.06	0.00			**148,459.41**
Purchases	Jul 2009	Aug 2009	76,978	2.8078	216,138.93		216,138.93	216,138.93	0.00			
Commodity - Transportation (109149)	Jul 2009	Aug 2009		0.0000		54,711.89	54,711.89	54,711.89	0.00			
Commodity - Transportation (109150)	Jul 2009	Aug 2009		0.0000		13,818.40	13,818.40	13,818.40	0.00			
Firm Transportation - Cheyenne Plains/WIC	Jul 2009	Aug 2009		0.0000		33,664.80	33,664.80	33,664.80	0.00			
Storage Injections	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00	(70,122)	(199,508.23)	
Storage Transportation	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Jul 2009	Aug 2009		0.0000			0.00	0.00	0.00	6,599	22,413.50	
LV Cashouts	Jul 2009	Aug 2009	245	0.0000		450.28	450.28	450.28	0.00			
Aggregator Cashouts	Jul 2009	Aug 2009	(8)	0.0000		(94.33)	(94.33)	(94.33)	0.00			
Hedging - Settlement & Commission	Jul 2009	Aug 2009		0.0000		(70,714.21)	(70,714.21)	(70,714.21)	0.00			**70,881.03**
Purchases	Aug 2009	Sep 2009	88,680	3.0346	269,108.33		269,108.33	269,108.33	0.00			
Commodity - Transportation (109149)	Aug 2009	Sep 2009		0.0000		42,948.05	42,948.05	42,948.05	0.00			
Commodity - Transportation (109150)	Aug 2009	Sep 2009		0.0000		36,082.18	36,082.18	36,082.18	0.00			
Firm Transportation - Cheyenne Plains/WIC	Aug 2009	Sep 2009		0.0000		30,063.26	30,063.26	30,063.26	0.00			
Storage Injections	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00	(118,261)	(362,033.85)	
Storage Transportation	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00			
Storage Withdrawals	Aug 2009	Sep 2009		0.0000			0.00	0.00	0.00	45,019	148,211.55	
LV Cashouts	Aug 2009	Sep 2009	151	0.0000		306.02	306.02	306.02	0.00			
Aggregator Cashouts	Aug 2009	Sep 2009	(55)	0.0000		(285.71)	(285.71)	(285.71)	0.00			
Hedging - Settlement & Commission	Aug 2009	Sep 2009		0.0000		18,608.34	18,608.34	18,608.34	0.00			**183,008.17**
			671,115.00		2,136,543.41	1,635,082.32	3,771,625.73	3,771,625.73	0.00	(61,381)	1,197,160.97	**4,968,786.70**

Empire District Gas Company
SCHEDULE 4 - CALCULATION OF NEW RECOVERY BALANCE
2008-09 ACA YEAR

		South System		North System		Northwest System		
Line		FIRM	INTERRUPT.	FIRM	INTERRUPT.	FIRM	INTERRUPT.	TOTAL
1	ACA Recovery	$ 1,223,220.72	$ -	$ 244,621.47	$ -	$ 333,099.93	$ -	$ 1,800,942.12
2	PGA Regular Recovery	$ 24,794,861.78	$ 985,300.54	$ 8,292,263.06	$ 2,500,743.68	$ 4,568,189.56	$ -	$ 41,141,358.62
3	Balancing Penalties	$ -	$ -	$ 13,985.42	$ -	$ -	$ -	$ 13,985.42
4	Balancing Fees	$ 34,108.33	$ -	$ 9,444.09	$ -	$ 5,589.45	$ -	$ 49,141.87
5	Total Recovery	$ 26,052,190.83	$ 985,300.54	$ 8,560,314.04	$ 2,500,743.68	$ 4,906,878.94	$ -	$ 43,005,428.03
	LESS:							
6	Purchased Gas Cost	$ 21,584,915.20	$ 840,757.73	$ 7,081,632.97	$ 1,944,484.90	$ 3,771,625.73	$ -	$ 35,223,416.53
7	Deferred (Gains)/Losses from Prior ACA period	$ 391,271.76	$ -	$ 354,293.49	$ -	$ 183,423.75	$ -	$ 928,989.00
8	Storage Costs	$ 2,691,232.05	$ -	$ 1,566,640.06	$ -	$ 1,197,160.97	$ -	$ 5,455,033.08
9	Total Purchased Gas Cost	$ 24,667,419.01	$ 840,757.73	$ 9,002,566.52	$ 1,944,484.90	$ 5,152,210.45	$ -	$ 41,607,438.61
10	Gross Recovery Over/(Under) Cost	$ 1,384,771.82	$ 144,542.81	$ (442,252.48)	$ 556,258.78	$ (245,331.51)	$ -	$ 1,397,989.42
11	Carrying Costs	$ (31,304.03)	$ 977.09	$ (16,232.19)	$ 4,266.78	$ (8,803.61)	$ -	$ (51,095.96)
12	Adjustment to Derivative Allocation	$ (1,473,753.91)	$ (64,977.99)	$ 1,352,229.76	$ (561,594.32)	$ 748,096.46	$ -	$ 0.00
13	Adjustment of Derivatives to Storage	$ 278,619.37	$ -	$ 140,730.33	$ -	$ 53,032.00		$ 472,381.70
14	GR-2008-00123 Prior Staff Correction	$ (38,936.00)	$ -	$ 46,172.00	$ -	$ 11,231.00	$ -	$ 18,467.00
15	Total Adjustments	$ (1,265,374.57)	$ (64,000.90)	$ 1,522,899.90	$ (557,327.54)	$ 803,555.85	$ -	$ 439,752.74
16	Revenue Recovery Over/(Under) Cost for ACA Year	$ 119,397.25	$ 80,541.91	$ 1,080,647.42	$ (1,068.76)	$ 558,224.34	$ -	$ 1,837,742.16
17	Beginning ACA Recovery Balance, September 1, 2008	$ (1,286,283.00)	$ (47,098.88)	$ (293,667.75)	$ (56,098.23)	$ (395,902.81)	$ -	$ (2,079,050.67)
18	ACA Recovery Balance at 08/31/09	$ (1,166,885.75)	$ 33,443.03	$ 786,979.67	$ (57,166.99)	$ 162,321.53	$ -	$ (241,308.51)
19	ACA Recovery Balance September 30, 2009, per General Ledger	$ 187,454.12		$ (183,631.96)		$ (622,163.22)		$ (618,341.06)
20	Less Sept Entry for ACA Revenue Recovery	$ (29,066.34)		$ (4,609.57)		$ (7,768.06)		$ (41,443.97)
21	Less Sept Entry for Balancing Penalties & Fees Recovery	$ (1,391.04)		$ (1,345.56)		$ (72.34)		$ (2,808.94)
22	Adjustment of Derivatives to Storage	$ 278,619.37		$ 140,730.33		$ 53,032.00		$ 472,381.70
23	Carrying Costs	$ (31,304.03)	$ 977.09	$ (16,232.19)	$ 4,266.78	$ (8,803.61)		$ (51,095.96)
24	Total Adjustments	$ 216,857.96	$ 977.09	$ 118,543.01	$ 4,266.78	$ 36,387.99	$ -	$ 377,032.83
25	Ending ACA Recovery Balance - August 31, 2009	$ 404,312.08	$ 977.09	$ (65,088.95)	$ 4,266.78	$ (585,775.23)	$ -	$ (241,308.23)
								(0.28)
								Total Diference
26	Transport - MegaWest/Conagra		547,500		144,000			691,500
27	Retail Sales	2,577,106		934,433	11,361	557,933		4,080,833
28	Total Sales Forecast	2,577,106	547,500	934,433	155,361	557,933	0	4,772,333
29	Calculated Estimated ACA Rates For 11/09 per CCF	$ 0.04528	$ (0.00611)	$ (0.08422)	$ 0.03680	$ (0.02909)	$ -	
30	Effective Rates at 11/08 per CCF	$ 0.04801	$ 0.01412	$ 0.02857	$ 0.01287	$ 0.06964	$ -	
31	Change in ACA Rates	$ (0.00273)	$ (0.02023)	$ (0.11279)	$ 0.02393	$ (0.09873)	$ -	

Empire District Gas Company
Schedule 5 - Interruptible Gas Cost Allocation

North System

	Purchased Volumes/Mcf	Storage WD Volumes/Mcf	Cashout Volumes/Mcf	Purchased Gas Cost	CP/WIC Upstream Costs	Commodity Trans. @ 150%	Imbalance Costs	Cashouts	Storage WD Gas Cost	Derivative (Gains)/Losses	Total Cost	Mcf WACOG	Interruptible Billed Vol.	Interruptible Cost
Sep 08	227,396	-	419	$ 779,409.30	$ 53,759.91	$ 8,591.96	$ -	$ 410.66	$ -	$ 436,547.42	$ 1,278,719.25	$ 5.6130	27,774	$ 197,417.59
Oct 08	253,612	-	4,721	$ 952,172.76	$ 74,678.41	$ 12,074.73	$ -	$ 4.37	$ -	$ 287,943.18	$ 1,326,873.45	$ 5.1363	28,826	$ 161,800.34
Nov 08	68,000	91,101	(4,469)	$ 228,575.00	$ 2,469.70	$ 4,354.79	$ -	$ (816.92)	$ 574,218.71	$ 170,041.52	$ 978,842.80	$ 6.3301	34,907	$ 179,292.82
Dec 08	68,200	190,513	4,092	$ 332,991.50	$ 643.04	$ 6,298.64	$ -	$ (25,372.25)	$1,200,689.13	$ 251,445.83	$ 1,766,695.89	$ 6.7225	36,885	$ 233,485.74
Jan 09	91,389	172,543	603	$ 413,877.55	$ -	$ 6,792.09	$ -	$ (405.06)	$1,087,435.00	$ 293,143.55	$ 1,800,843.13	$ 6.8076	49,997	$ 336,104.83
Feb 09	58,520	120,784	5,837	$ 176,429.68	$ -	$ 4,519.02	$ -	$ 12,813.67	$ 760,830.49	$ 353,760.84	$ 1,308,353.70	$ 7.0668	48,439	$ 329,753.34
Mar 09	65,573	92,722	(119)	$ 168,318.63	$ 19,055.40	$ 4,272.51	$ -	$ (2,688.28)	$ 569,442.89	$ 50,127.00	$ 808,528.15	$ 5.1116	40,571	$ 286,707.14
Apr 09	110,240	8,325	(4,365)	$ 282,556.05	$ 40,363.70	$ 4,514.75	$ -	$ (15,191.27)	$ 44,119.17	$ 41,665.18	$ 398,027.58	$ 3.4854	41,284	$ 211,027.29
May 09	90,298	-	251	$ 244,140.89	$ 23,362.99	$ 3,408.05	$ -	$ (2,115.21)	$ -	$ 62,963.40	$ 331,760.12	$ 3.6639	1,134	$ 3,952.44
Jun 09	152,131	-	1,888	$ 420,244.41	$ 59,757.33	$ 5,602.44	$ -	$ 4,190.28	$ -	$ 55,156.32	$ 544,950.78	$ 3.5382	393	$ 1,439.91
Jul 09	154,802	-	(2,365)	$ 436,132.19	$ 60,209.32	$ 5,729.03	$ -	$ (9,887.11)	$ -	$ (126,465.76)	$ 365,717.67	$ 2.3991	523	$ 1,850.48
Aug 09	113,110	-	(1,444)	$ 344,985.59	$ 31,439.25	$ 4,253.58	$ -	$ 5,889.79	$ -	$ 57,284.19	$ 443,852.40	$ 3.9748	689	$ 1,652.98
Totals	1,453,271	675,988	5,049	$ 4,779,833.55	$ 365,739.05	$ 70,411.59	$ -	$ (33,167.33)	$4,236,735.39	$ 1,933,612.67	$11,353,164.92		311,422	$ 1,944,484.90

South System

	Purchased Volumes/Mcf	Storage WD Volumes/Mcf	Cashout Volumes/Mcf	Purchased Gas Cost		Commodity Trans. @ 150%	Imbalance Costs	Cashouts	Storage WD Gas Cost	Derivative (Gains)/Losses	Total Cost	Mcf WACOG	Interruptible Billed Vol.	Interruptible Cost
Sep 08	268,246	407	(6,414)	$ 936,757.30	$ 20,867.81	$ 35,773.37	$ 4,696.88	$ (51,176.68)	$ 3,191.00	$ 311,198.75	$ 1,261,308.43	$ 4.8098	14,749	$ 107,698.67
Oct 08	180,064	25,516	(8,490)	$ 664,111.66	$ 21,741.95	$ 38,775.99	$ 9,086.57	$ (55,097.93)	$ 193,646.03	$ 1,489,229.01	$ 2,361,493.28	$ 11.9818	17,113	$ 82,310.11
Nov 08	351,610	69,314	22,662	$ 1,086,631.25	$ 100,319.78	$ 58,910.15	$ (6,677.26)	$ 82,937.44	$ 501,777.91	$ 968,758.55	$ 2,792,657.82	$ 6.2956	25,311	$ 303,271.34
Dec 08	388,660	220,848	5,114	$ 1,878,831.68	$ 156,897.51	$ 56,692.40	$ (217.96)	$ (4,254.46)	$1,591,585.28	$ 1,023,382.07	$ 4,702,916.52	$ 7.6517	36,324	$ 228,681.37
Jan 09	373,408	252,527	(1,918)	$ 1,474,431.75	$ 43,867.27	$ 45,617.48	$ (107.28)	$ (15,519.79)	$1,819,305.52	$ 1,570,569.53	$ 4,938,164.48	$ 7.9135	15,176	$ 116,122.20
Feb 09	315,120	110,600	16,318	$ 983,861.70	$ 137,042.42	$ 28,269.95	$ 106.43	$ 46,102.66	$ 747,965.68	$ 1,207,218.71	$ 3,150,567.55	$ 7.1274	308	$ 2,437.36
Mar 09	224,361	124,779	(12,230)	$ 575,130.65	$ 82,127.82	$ 22,168.04	$ 69.29	$ (58,940.21)	$ 776,948.92	$ 98,071.05	$ 1,495,575.56	$ 4.4391	8	$ 57.02
Apr 09	214,734	55,999	16,146	$ 544,655.58	$ 80,646.85	$ 16,329.11	$ 351.32	$ 40,361.90	$ 276,741.46	$ 89,824.96	$ 1,048,911.18	$ 3.6563	0	$ -
May 09	189,625	4,263	14,239	$ 505,127.03	$ 51,313.08	$ 21,595.83	$ 45.53	$ 35,967.27	$ 17,503.45	$ 63,690.60	$ 695,242.79	$ 3.3405	40	$ 146.25
Jun 09	153,895	-	4,349	$ 419,364.15	$ 57,089.46	$ 24,883.50	$ 817.36	$ 6,697.70	$ -	$ 53,873.62	$ 562,725.79	$ 3.5561	10	$ 33.41
Jul 09	151,177	2,090	1,813	$ 419,695.57	$ 51,734.88	$ 31,666.29	$ 80.60	$ 3,293.53	$ 7,729.03	$ (107,848.33)	$ 406,351.57	$ 2.6203	0	$ -
Aug 09	163,250	-	2,707	$ 494,490.43	$ 42,739.04	$ 37,515.81	$ (147.55)	$ 7,414.80	$ -	$ 81,007.47	$ 663,020.00	$ 3.9951	0	$ -
Totals	2,974,150	866,343	54,296	$ 9,983,088.75	$ 846,387.87	$ 418,197.92	$ 8,103.93	$ 37,786.23	$5,936,394.28	$ 6,848,975.99	$24,078,934.97		109,039	$ 840,757.73

Empire District Gas Company
ACA Carrying Cost
2008-2009 ACA Year
South System

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Total
ACA Recovery Balance - Under/(Over)	$1,286,283.00	$1,429,419.06	$ 2,973,279.65	$3,915,341.54	$5,459,155.06	$ 4,970,356.86	$ 3,458,860.13	$1,763,569.13	$ 265,129.26	$ (432,684.93)	$ (347,471.00)	$ (307,835.66)	$1,429,419.06	
Interruptible ACA Recovery Balance - Under/(Over)	$ 47,098.88	$ 13,226.32	$ (70,088.32)	$ (12,561.48)	$ (97,520.79)	$ (107,550.61)	$ (113,488.26)	$ (113,498.18)	$ (113,498.17)	$ (113,685.46)	$ (113,723.05)	$ (113,723.05)	$ 13,226.32	
Prime Rate		5.00%	4.00%	4.00%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
minus 2 percentage points		-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	
Interest Rate per Tariff		3.00%	2.00%	2.00%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest credited to Customers on Firm Over Recovered Balance										$ (90.18)	$ (406.33)	$ (352.68)		$ (849.19)
Interest credited to EDG on Firm Under Recovered Balance		$ 3,394.63	$ 3,791.21	$ 5,740.52	$ 5,045.30	$ 5,613.11	$ 4,097.54	$ 2,810.68	$ 1,056.61				$ 603.63	$ 32,153.23
														$ 31,304.03
Interest credited to Customers on Interrup. Over Recovered Balance			$ (48.96)	$ (68.87)	$ (59.25)	$ (110.37)	$ (107.45)	$ (122.16)	$ (118.23)	$ (122.27)	$ (118.44)	$ (122.41)	$ (54.09)	$ (1,052.50)
Interest credited to EDG on Interrup. Under Recovered Balance		$ 75.41												$ 75.41
														$ (977.09)

Enclosure 5

Empire District Gas Company
ACA Carrying Cost
2008-2009 ACA Year
North System

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Total
ACA Recovery Balance - Under/(Over)	$ 293,667.75	$ 704,027.02	$1,144,138.17	$1,533,105.23	$ 2,350,894.77	$2,068,130.46	$1,766,049.38	$1,194,529.59	$ 578,925.74	$ 417,484.45	$ 558,623.65	$ 547,042.02	$ 704,027.02	
Interruptible ACA Recovery Balance - Under/(Over)	$ 56,098.23	$ 2,863.19	$ (113,955.71)	$ (266,977.52)	$ (332,609.03)	$ (368,356.89)	$ (397,415.91)	$ (412,354.16)	$ (513,248.23)	$ (518,127.86)	$ (519,413.06)	$ (520,930.24)	$ (2,863.19)	
Prime Rate		5.00%	4.00%	4.00%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
minus 2 percentage points		-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	
Interest Rate per Tariff		3.00%	2.00%	2.00%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest credited to Customers on Firm Over Recovered Balance														$ -
Interest credited to EDG on Firm Under Recovered Balance		$ 1,247.12	$ 1,591.48	$ 2,231.04	$ 2,090.35	$ 2,378.29	$ 1,863.84	$ 1,593.37	$ 923.67	$ 536.26	$ 508.39	$ 595.06	$ 673.32	$ 16,232.19
														$ 16,232.19
Interest credited to Customers on Interrup. Over Recovered Balance			$ (95.66)	$ (317.44)	$ (322.69)	$ (377.26)	$ (372.25)	$ (435.81)	$ (482.08)	$ (555.08)	$ (540.39)	$ (559.91)	$ (281.90)	$ (4,340.48)
Interest credited to EDG on Interrup. Under Recovered Balance		$ 73.70												$ 73.70
														$ (4,266.78)

Empire District Gas Company
ACA Carrying Cost
2008-2009 ACA Year
Northwest System

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Total
ACA Recovery Balance - Under/(Over)	$ 395,902.81	$ 593,991.41	$ 743,253.25	$ 884,251.32	$ 1,178,320.74	$ 1,002,684.29	$ (1,121,086.52)	$ 805,309.45	$ 566,095.01	$ 489,930.01	$ 537,771.43	$ 534,307.86	$ 593,991.41	
Prime Rate		5.00%	4.00%	4.00%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
minus 2 percentage points		-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	
Interest Rate per Tariff		3.00%	2.00%	2.00%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest credited to Customers on Over Recovered balance							$ (57.56)	$ (169.95)						$ (227.51)
Interest credited to EDG on Under Recovered balance		$ 1,237.37	$ 1,151.52	$ 1,356.25	$ 1,110.06	$ 1,173.80			$ 714.27	$ 568.35	$ 535.26	$ 576.99	$ 607.24	$ 9,031.12
													Total	**$ 8,803.61**

Empire District Gas Company
South System
2009-2010 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed

PGA per MCF

Month	Previous Total PGA Factor	Month	New Total PGA Factor	PGA Change (11/08)	Revenue Impact (Winter Season)
11/08	9.3057	11/09	7.0700	(2.2357)	($553,725)
12/08	9.3057	12/09	7.0700	(2.2357)	($1,021,823)
01/09	9.3057	01/10	7.0700	(2.2357)	($1,347,208)
02/09	9.3057	02/10	7.0700	(2.2357)	($1,238,746)
03/09	9.3057	03/10	7.0700	(2.2357)	($907,653)

Estimated Winter Season Change in Revenue **($5,069,155)**

Percent Change Between PGA Factors **-24.03%**

Sales Volume Forecast 3,064,011

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	602,589
Feb	21.7	18.08%	554,075
Mar	15.9	13.25%	405,981
Apr	9.6	8.00%	245,121
May	5.3	4.42%	135,327
Jun	3.6	3.00%	91,920
Jul	2.8	2.33%	71,494
Aug	2.7	2.25%	68,940
Sep	3	2.50%	76,600
Oct	4.2	3.50%	107,240
Nov	9.7	8.08%	247,674
Dec	17.9	14.92%	457,048
TOTAL	120	100%	3,064,011

Note: Estimated Customer Usage Obtained from Missouri Public Service Commission.

Empire District Gas Company
North System
2009-2010 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed
PGA per MCF

Month	Previous Total PGA Factor	Month	New Total PGA Factor	PGA Change (11/08)	Revenue Impact (Winter Season)
11/08	9.0358	11/09	6.6111	(2.4247)	($204,490)
12/08	9.0358	12/09	6.6111	(2.4247)	($377,357)
01/09	9.0358	01/10	6.6111	(2.4247)	($497,521)
02/09	9.0358	02/10	6.6111	(2.4247)	($457,466)
03/09	9.0358	03/10	6.6111	(2.4247)	($335,194)

Estimated Winter Season Change in Revenue **($1,872,028)**

Percent Change Between PGA Factors **-26.83%**

Sales Volume Forecast 1,043,332

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	205,189
Feb	21.7	18.08%	188,669
Mar	15.9	13.25%	138,241
Apr	9.6	8.00%	83,467
May	5.3	4.42%	46,080
Jun	3.6	3.00%	31,300
Jul	2.8	2.33%	24,344
Aug	2.7	2.25%	23,475
Sep	3	2.50%	26,083
Oct	4.2	3.50%	36,517
Nov	9.7	8.08%	84,336
Dec	17.9	14.92%	155,630
TOTAL	120	100%	1,043,332

Note: Estimated Customer Usage Obtained from Missouri Public Service Commission.

Empire District Gas Company
Northwest System
2009-2010 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed
PGA per MCF

Month	Previous Total PGA Factor	Month	New Total PGA Factor	PGA Change (11/08)	Revenue Impact (Winter Season)
11/08	7.9676	11/09	5.0920	(2.8756)	($146,870)
12/08	7.9676	12/09	5.0920	(2.8756)	($271,028)
01/09	7.9676	01/10	5.0920	(2.8756)	($357,333)
02/09	7.9676	02/10	5.0920	(2.8756)	($328,565)
03/09	7.9676	03/10	5.0920	(2.8756)	($240,746)

Estimated Winter Season Change in Revenue **($1,344,541)**

Percent Change Between PGA Factors **-36.09%**

Sales Volume Forecast 631,850

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	124,264
Feb	21.7	18.08%	114,260
Mar	15.9	13.25%	83,720
Apr	9.6	8.00%	50,548
May	5.3	4.42%	27,907
Jun	3.6	3.00%	18,956
Jul	2.8	2.33%	14,743
Aug	2.7	2.25%	14,217
Sep	3	2.50%	15,796
Oct	4.2	3.50%	22,115
Nov	9.7	8.08%	51,075
Dec	17.9	14.92%	94,251
TOTAL	120	100%	631,850

Note: Estimated Customer Usage Obtained from Missouri Public Service Commission.

Schedule of Empire District Gas PGA Tariffs per CCF

Effective Date		Tariff Rev 6th 4/27/2006	Tariff Rev 7th 11/20/2006	Tariff Rev 1st 11/3/2007	Tariff Rev 2nd 6/6/2008	Tariff Rev 3rd 11/12/2008	Tariff Rev 4th 5/15/2009	Preliminary Rates 11/1/2009	Change from Current Rates	Change from Last Winter
South										
	PGA	$ 0.76227	$ 0.92011	$ 0.77200	$ 1.07200	$ 0.93057	$ 0.71688	$ 0.70700		
	ACA	$ 0.03163	$ 0.07475	$ 0.02133	$ 0.02133	$ 0.04801	$ 0.04801	$ 0.04528		
	Refund	$ (0.00542)	$ (0.00243)	$ -	$ -	$ -	$ -	$ -		
	Total	$ 0.78848	$ 0.99243	$ 0.79333	$ 1.09333	$ 0.97858	$ 0.76489	$ 0.75228	-1.6%	-23.1%
North										
	PGA	$ 0.84692	$ 0.92104	$ 0.81371	$ 1.11252	$ 0.90358	$ 0.76146	$ 0.66111		
	ACA	$ 0.01786	$ 0.01038	$ (0.01322)	$ (0.01322)	$ 0.02858	$ 0.02858	$ (0.08422)		
	Refund	$ (0.00352)	$ (0.00122)	$ -	$ -	$ -	$ -	$ -		
	Total	$ 0.86126	$ 0.93020	$ 0.80049	$ 1.09930	$ 0.93216	$ 0.79004	$ 0.57689	-27.0%	-38.1%
Northwest										
	PGA	$ 0.73838	$ 0.75748	$ 0.71794	$ 1.01794	$ 0.79676	$ 0.66358	$ 0.50920		
	ACA	$ (0.02532)	$ (0.01898)	$ (0.03387)	$ (0.03387)	$ 0.06965	$ 0.06965	(0.02909)		
	Refund	$ -	$ -	$ -	$ -	$ -	$ -	-		
	Total	$ 0.71306	$ 0.73850	$ 0.68407	$ 0.98407	$ 0.86641	$ 0.73323	$ 0.48011	-34.5%	-44.6%
LVI(Large Volume Interruptible)										
South										
	PGA				$ 0.95987	$ 0.80573	$ 0.58679	$ 0.55244		
	ACA				$ -	$ 0.01412	$ 0.01412	$ (0.00611)		
	Total				$ 0.95987	$ 0.81985	$ 0.60091	$ 0.54633	-9.1%	-33.4%
North										
	PGA				$ 0.92309	$ 0.74350	$ 0.60511	$ 0.48921		
	ACA				$ -	$ 0.01287	$ 0.01287	$ 0.03680		
	Total				$ 0.92309	$ 0.75637	$ 0.61798	$ 0.52601	-14.9%	-30.5%
Northwest										
	PGA				$ 1.02125	$ 0.81057	$ 0.66358	$ 0.56047		
	ACA				$ -	$ -	$ -	$ -		
	Total				$ 1.02125	$ 0.81057	$ 0.66358	$ 0.56047	-15.5%	-30.9%