

Empire District Gas Company
ACA Filing Period Ending August 2017

Empire District Gas Company
South System Gas Cost Inputs

South System Line Loss 0.47%
Annual Burnertip Sales 2,345,969

Total Budgeted Sales Volume @ Burnertip

Nov 17	244,193
Dec 17	460,138
Jan 18	490,160
Feb 18	387,158
Mar 18	288,706
Apr 18	144,875
May 18	52,237
Jun 18	46,809
Jul 18	36,810
Aug 18	38,557
Sep 18	53,627
Oct 18	<u>102,699</u>

SSTAR Rates

Firm Rates

	Tariff Rate	
TSS		
No-Notice Fee (NNF)	\$ -	\$0.0000
Reservation - FTS-P (RES)	\$ 6.7768	\$0.2228
Reservation - FTS-M (RES)	\$ 4.8241	\$0.1586
Reservation Capacity - Storage (REC)		\$0.0018
Reservation Deliverability - Storage (RED)		\$0.0352
FTS		
Production - Reservation (RES)	\$ 6.7768	\$0.2228
Market - Reservation (RES)	\$ 4.8241	\$0.1586

2,345,969

Commodity Rates

Production		
Commodity - FTS-P (CMD)	\$ 0.0116	
Commodity Balancing Fee (CMB)	\$ -	
Production Field Zone	\$ 0.0116	
Market		
Commodity - FTS-M (CMD)	\$ 0.0115	
Commodity Balancing Fee (CMB)	\$ -	
FERC Annual Charge Adjustment (ACA)	\$ 0.0013	
Market Zone	\$ 0.0128	
Injection/Withdrawal - FSS	\$ 0.0132	

SSTAR Production Area Loss 1.00%
SSTAR Market Area Loss 0.89%
SSTAR Storage Injection Loss 4.93%

Note: From FERC Gas Tariff: 1st Revised Vol 1, Substitute 3rd Revised Sheet No. 8 Superseding 3rd Revised Sheet No 8 Effective 2/01/14; 1st Revised Vol 1, S No. 10 Superceding 2nd Revised Sheet No. 10 Effective 02/01/14; 1st Revised Vol 1, Substitute 4th Revised Sheet No. 11 Superseding 4th Revised Sheet 1st Revised Vol 1, 7th Revised Sheet No 13 Superseding Alternate 6t

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**Empire District Gas Company
ACA Filing Period Ending August 2017**

**Empire District Gas Company
North System Gas Cost Inputs**

North System Line Loss 2.28%
Annual Burnertip Sales 809,323

PEPL Rates
PEPL EFT Reservation Rates

	Tariff 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	\$ 0.0013
Total Market Zone Commodity	\$ 0.0094

PEPL Storage Rates FS

Deliverability Charge Field Area	\$ 3.3500
Capacity Charge Field Area	\$ 0.4028

PEPL Field Zone Loss (Fuel Reimbursement-Trans Chrg)	0.71%
PEPL Market Zone Loss (Mileage 201-300 Fuel Reimb)	1.29%
FIELD Injection Charge Fuel Reimbursement %	1.55%
FIELD Withdrawal Charge Fuel Reimbursement %	1.00%

Total Sales Volume @ Burnertip

Nov 17	89,298
Dec 17	155,494
Jan 18	172,492
Feb 18	134,221
Mar 18	99,058
Apr 18	52,485
May 18	19,446
Jun 18	11,242
Jul 18	11,068
Aug 18	12,724
Sep 18	17,191
Oct 18	34,604
	809,323

Total Sales Volume - Actual

Nov 16	65,773
Dec 16	158,821
Jan 17	135,788
Feb 17	97,328
Mar 17	80,492
Apr 17	36,061
May 17	26,294
Jun 17	11,032
Jul 17	11,222
Aug 17	11,506
Sep 17	14,081
Oct 17	20,358
	668,756

Note: From FERC Gas Tariff: PEPL 4th Revised Volume 1, Part IV EFT Version 19.0.0,
4th Revised Volume 1, Part IV FS Version 10.0.0,

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Empire District Gas Company
ACA Filing Period Ending August 2017

Empire District Gas Company
Northwest System Gas Cost Inputs

Northwest System Line Loss	1.96%
Annual Burnertip Sales	563,351

Total Sales Volume @ Burnertip

Nov 17	59,280
Dec 17	106,108
Jan 18	113,834
Feb 18	88,653
Mar 18	67,930
Apr 18	34,338
May 18	15,317
Jun 18	14,369
Jul 18	9,602
Aug 18	7,899
Sep 18	16,663
Oct 18	29,358
	<u>563,351</u>

ANR RATES

Transport Charge-STS SW Area	\$ 1.1596
Annual Charge Adjustment	\$ 0.0013
Deferred Transportation Cost Adj - STS (All Segments)	\$ -
Cashout Negative Surcharge - CNS	\$ (0.0004)
	<u>\$ -</u>
	\$ 1.1605

Fuel and L & U - SW Southern Segment (ML-5)	1.57%
Fuel and L & U - SW Central Segment (ML-6)	2.29%
Fuel and L & U - ML7 Storage Segment (ML-6)	0.42%
FSS & DSS Transporter's Use	0.61%

Note: From FERC Gas Tariff: ANR 3rd Revision Volume 1, Part 4.2 v. 1.1.0, Superseding v. 1.0.0; 3rd Revision Volume 1, Part 4.17.1 Version 3.0.0, Superseding 3rd Revision Volume 1 Part 4.16 v. 8.1.0, Superseding v 8.0.0; 3rd Revision Volume 1 Part 4.18 Version 9.0.0 Superseding v. 8.0.0, 3rd Rev Volume 1 Part 4.18

Empire District Gas Company
ACA Filing Period Ending August 2017

Empire District Gas Company
Northwest System Gas Cost Inputs

Transportation Cost <u>ANR Pipeline</u>	Annual/ Seasonal Volume	No. of Mths Reserved	Tariff Rate	Annual Cost	MCF Cost
ANR Transportation Cost	586,196		\$ 1.1605	\$ 680,280	\$ 1.2076
Pipeline Commodity Costs	586,196		\$ -	\$ -	\$ -
Total Transportation Costs				\$ 680,280	\$ 1.2076
Natural Gas Purchases	586,196		\$ 2.7051	\$ 1,585,719	\$ 2.8148
Total Annual Cost				\$ 2,265,999	\$ 4.0224
Sales Volume at Burnertip	563,351				
Cost per MCF at Burnertip					\$ 4.0224

ACA Filing Period Ending August 2017

Northwest System
Current Gas Cost Calculation

	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Totals
SUMMARY OF COMMODITY COSTS													
Sales Requirements	59,280	106,108	113,834	88,653	67,930	34,338	15,317	14,369	9,602	7,899	16,663	29,358	563,351
Northwest System Loss	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
Northwest System Loss Volume	1,187	2,125	2,280	1,776	1,361	688	307	288	192	158	334	588	11,284
City Gate Volume	60,467	108,233	116,114	90,429	69,291	35,026	15,624	14,657	9,794	8,057	16,997	29,946	574,635
Contract 109149	23,220	42,602	44,543	34,761	25,820	12,516	6,389	4,996	3,450	2,913	8,155	9,782	
Group 1 ANR Fuel %	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	
Group 1 Supply - Fuel Loss	370	680	710	554	412	200	102	80	55	46	130	156	3,495
Contract 109150	36,060	63,506	69,291	53,892	42,110	21,822	8,928	9,373	6,152	4,986	8,508	19,576	
Group 2 ANR Fuel %	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	2.29%	
Group 2 Supply - Fuel Loss	845	1,488	1,624	1,263	987	511	209	220	144	117	199	459	8,066
Cheyenne Plains Volume													
Cheyenne Plains Fuel + L&U Loss	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%	1.06%
Cheyenne Plains - Fuel Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Purchase Requirements at Production Area	61,682	110,401	118,448	92,246	70,690	35,737	15,935	14,957	9,993	8,220	17,326	30,561	586,196
Contracted Financial Futures													
Contracted Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Physical Forwards													
Average Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Natural Gas Market - Mid Continent Forecasted Price (NYMEX-ANR Basis)	2,250	4,025	4,322	3,366	59,884	35,737	15,935	14,957	9,993	8,220	17,326	30,561	
Natural Gas Market - Cheyenne Plains Forecasted Price (NYMEX-CIG Basis)	2,596	2,854	2,995	2,988	2,847	2,511	2,462	2,486	2,525	2,523	2,485	2,508	
Total Natural Gas Purchased at Market	2,250	4,025	4,322	3,366	59,884	35,737	15,935	14,957	9,993	8,220	17,326	30,561	206,576
Total Cost	\$ 5,841	\$ 11,487	\$ 12,944	\$ 10,058	\$ 170,490	\$ 89,736	\$ 39,232	\$ 37,183	\$ 25,232	\$ 20,739	\$ 43,055	\$ 76,647	\$ 542,644
Storage Withdrawal	59,432	106,376	114,126	88,880	10,806	0	0	0	0	0	0	0	379,620
Storage WACOG	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	\$ 2,748	
Total Cost	\$ 163,301	\$ 292,289	\$ 313,584	\$ 244,216	\$ 29,692	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,043,082
Forecasted Gas Commodity Cost	\$ 169,142	\$ 303,776	\$ 326,528	\$ 254,274	\$ 200,182	\$ 89,736	\$ 39,232	\$ 37,183	\$ 25,232	\$ 20,739	\$ 43,055	\$ 76,647	\$ 1,585,726
Purchase Requirements at Production Area	61,682	110,401	118,448	92,246	70,690	35,737	15,935	14,957	9,993	8,220	17,326	30,561	586,196
Gas Commodity Cost/Dth													\$ 2.7051
SUMMARY OF PIPELINE COMMODITY COSTS													
Cheyenne Plains Pipeline Cost/Dth - Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cheyenne Plains Pipeline Cost/Dth - ACA	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Cheyenne Plains Pipeline Comm Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forecasted Pipeline Commodity Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase Requirements at Production Area	61,682	110,401	118,448	92,246	70,690	35,737	15,935	14,957	9,993	8,220	17,326	30,561	586,196
Pipeline Commodity Cost/Dth													\$ -
Production Area Cost of Gas													\$ 2.7051

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Empire District Gas Company
ACA Filing Period Ending August 2017

SCHEDULE 4 - CALCULATION OF
NEW RECOVERY BALANCE
2016-17 ACA YEAR

For August 2017

Line	South System		North System		Northwest System		TOTAL
	FIRM	INTERRUPT.	FIRM	INTERRUPT.	FIRM	INTERRUPT.	
1	ACA Recovery	\$ 299,548.34	\$ -	\$ 390,212.15	\$ -	\$ (144,043.04)	\$ 545,717.45
2	PGA Regular Recovery	\$ 9,355,058.75	\$ -	\$ 2,877,636.50	\$ -	\$ 1,796,785.95	\$ 14,029,481.20
3	Balancing Penalties	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Balancing Fees	\$ 259,726.44	\$ -	\$ 82,677.25	\$ -	\$ 38,567.56	\$ 380,971.25
5	Total Recovery	\$ 9,914,333.53	\$ -	\$ 3,350,525.90	\$ -	\$ 1,691,310.47	\$ 14,956,169.90
LESS:							
6	Purchased Gas Cost	\$ 10,726,273.46	\$ -	\$ 3,634,876.53	\$ -	\$ 1,808,104.88	\$ 16,169,254.87
7	Storage Costs	\$ (307,430.72)	\$ -	\$ (66,265.26)	\$ -	\$ (187,279.94)	\$ (560,975.92)
8	Total Purchased Gas Cost	\$ 10,418,842.74	\$ -	\$ 3,568,611.27	\$ -	\$ 1,620,824.94	\$ 15,608,278.95
9	Gross Recovery Over/(Under) Cost	\$ (504,509.21)	\$ -	\$ (218,085.37)	\$ -	\$ 70,485.53	\$ (652,109.05)
10	GR-2016-0099 Staff Corrections PE 2015	\$ 1,594.00	\$ -	\$ (513.00)	\$ -	\$ 8,397.00	\$ 9,478.00
11	Carrying Costs	\$ (18,083.26)	\$ -	\$ (12,652.96)	\$ -	\$ 6,150.58	\$ (24,585.64)
12	Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Total Adjustments	\$ (16,489.26)	\$ -	\$ (13,165.96)	\$ -	\$ 14,547.58	\$ (15,107.64)
14	Revenue Recovery Over/(Under) Cost for ACA Year	\$ (520,998.47)	\$ -	\$ (231,251.33)	\$ -	\$ 85,033.11	\$ (667,216.69)
15	Beginning ACA Recovery Balance, September 1, 2015	\$ (505,713.30)	\$ -	\$ (495,593.03)	\$ -	\$ 190,494.13	\$ (810,812.20)
16	ACA Recovery Balance at 08/31/17	\$ (1,026,711.77)	\$ -	\$ (726,844.36)	\$ -	\$ 275,527.24	\$ (1,478,028.89)
<hr/>							
19	ACA Recovery Balance Sep 30, 2017, per General Ledger	\$ (988,718.89)		\$ (702,453.72)		\$ 268,185.59	\$ (1,422,987.02)
20	Less Sep Entry for ACA Revenue Recovery	\$ (8,996.58)		\$ (6,982.21)		\$ 2,652.31	\$ (13,326.48)
21	Less Sep Entry for Balancing Penalties & Fees Recovery	\$ (10,915.11)		\$ (4,754.21)		\$ (1,459.23)	\$ (17,128.55)
22	Carrying Costs	\$ (18,083.26)	\$ -	\$ (12,652.96)	\$ -	\$ 6,150.58	\$ (24,585.64)
23	Total Adjustments	\$ (37,994.95)	\$ -	\$ (24,389.38)	\$ -	\$ 7,343.66	\$ (55,040.67)
24	Ending ACA Recovery Balance - August 31, 2017	\$ (1,026,713.84)	\$ -	\$ (726,843.10)	\$ -	\$ 275,529.25	\$ (1,478,027.69)
							(1.20)
							Total Difference
25	Sales Forecast	2,345,969		809,323	0	563,351	0
26	Calculated Estimated ACA Rates For 11/17 per CCF	\$ 0.04377	\$ -	\$ 0.08981	\$ -	\$ (0.04891)	\$ -
27	Effective Rates at 11/16 per CCF	\$ 0.04165	\$ -	\$ 0.08660	\$ -	\$ (0.04762)	\$ -
28	Change in ACA Rates	\$ 0.00212	\$ -	\$ 0.00321	\$ -	\$ (0.00129)	\$ -

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases												
Commodity - Transportation	Sep 2016	Oct 2016	88,934	2.5900	230,339		230,339.06	230,339.06	0.00			
Firm Transportation	Sep 2016	Oct 2016		0.0000		41,081	41,080.78	41,080.78	0.00			
Firm Transportation-Cheyenne Plains	Sep 2016	Oct 2016		0.0000		444,439	444,438.60	444,438.60	0.00			
Capacity Release	Sep 2016	Oct 2016		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Sep 2016	Oct 2016		0.0000		(3,863)	(3,863.20)	(3,863.20)	0.00			
Aggregator Cashouts	Sep 2016	Oct 2016		0.0000		82	82.14	82.14	0.00			
LV Cashouts	Sep 2016	Oct 2016	(741)	0.0000		(8,630)	(8,630.37)	(8,630.37)	0.00			
Storage Injections	Sep 2016	Oct 2016	(1,107)	0.0000		(4,182)	(4,182.44)	(4,182.44)	0.00			
Storage Transportation	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	(40,866)	(111,481.07)	
Storage Withdrawals	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00		(557.03)	
Hedging - Settlement & Commission	Sep 2016	Oct 2016		0.0000		0.00	0.00	0.00	0.00	0	0.00	
												587,226.47
Purchases												
Commodity - Transportation	Oct 2016	Nov 2016	121,625	2.6800	325,955		325,955.00	325,955.00	0.00			
Firm Transportation	Oct 2016	Nov 2016		0.0000		45,886	45,885.99	45,885.99	0.00			
Firm Transportation-Cheyenne Plains	Oct 2016	Nov 2016		0.0000		459,253	459,253.22	459,253.22	0.00			
Capacity Release	Oct 2016	Nov 2016		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Oct 2016	Nov 2016		0.0000		(16,950)	(16,950.49)	(16,950.49)	0.00			
Aggregator Cashouts	Oct 2016	Nov 2016		0.0000		(713)	(713.29)	(713.29)	0.00			
LV Cashouts	Oct 2016	Nov 2016	0	0.0000		0	0.00	0.00	0.00			
Storage Injections	Oct 2016	Nov 2016	23,606	0.0000		(12,926)	(12,926.38)	(12,926.38)	0.00			
Storage Transportation	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	(42,264)	(119,260.73)	
Storage Withdrawals	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00		(776.95)	
Hedging - Settlement & Commission	Oct 2016	Nov 2016		0.0000		1,000.00	1,000.00	1,000.00	0.00	8,233	16,766.50	
												698,232.87
Purchases												
Commodity - Transportation	Nov 2016	Dec 2016	120,000	2.5150	301,800		301,800.00	301,800.00	0.00			
Firm Transportation	Nov 2016	Dec 2016		0.0000		46,002	46,001.82	46,001.82	0.00			
Firm Transportation-Cheyenne Plains	Nov 2016	Dec 2016		0.0000		444,439	444,438.60	444,438.60	0.00			
Capacity Release	Nov 2016	Dec 2016		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Nov 2016	Dec 2016		0.0000		(15,504)	(15,503.70)	(15,503.70)	0.00			
Aggregator Cashouts	Nov 2016	Dec 2016		0.0000		5,196	5,196.24	5,196.24	0.00			
LV Cashouts	Nov 2016	Dec 2016	0	0.0000		0	0.00	0.00	0.00			
Storage Injections	Nov 2016	Dec 2016	0	0.0000		(43,233)	(43,232.64)	(43,232.64)	0.00			
Storage Transportation	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	(14,882)	(39,977.25)	
Storage Withdrawals	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00		(253.02)	
Hedging - Settlement & Commission	Nov 2016	Dec 2016		0.0000		(9,350.00)	(9,350.00)	(9,350.00)	0.00	63,750	130,630.13	
												819,750.18
Purchases												
Commodity - Transportation	Dec 2016	Jan 2017	140,783	3.1101	437,849		437,849.44	437,849.44	0.00			
Firm Transportation	Dec 2016	Jan 2017		0.0000		42,201	42,201.30	42,201.30	0.00			
Firm Transportation-Cheyenne Plains	Dec 2016	Jan 2017		0.0000		459,253	459,253.22	459,253.22	0.00			
Capacity Release	Dec 2016	Jan 2017		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Dec 2016	Jan 2017		0.0000		(16,020)	(16,020.49)	(16,020.49)	0.00			
Aggregator Cashouts	Dec 2016	Jan 2017		0.0000		(476)	(475.53)	(475.53)	0.00			
LV Cashouts	Dec 2016	Jan 2017	0	0.0000		0	0.00	0.00	0.00			
Other Costs	Dec 2016	Jan 2017	0	0.0000		(54,680)	(54,679.85)	(54,679.85)	0.00			
Storage Injections	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	(1,371)	(4,485.60)	
Storage Transportation	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00		(18.55)	
Storage Withdrawals	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	329,231	675,384.47	
Hedging - Settlement & Commission	Dec 2016	Jan 2017		0.0000		0.00	0.00	0.00	0.00			
						(35,350.00)	(35,350.00)	(35,350.00)	0.00			1,503,658.41

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 2017	Feb 2017	165,000	3.6582	603,596		603,595.92	603,595.92	0.00			
Commodity - Transportation	Jan 2017	Feb 2017		0.0000		24,417	24,417.20	24,417.20	0.00			
Firm Transportation	Jan 2017	Feb 2017		0.0000		459,253	459,253.22	459,253.22	0.00			
Firm Transportation-Cheyenne Plains	Jan 2017	Feb 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Jan 2017	Feb 2017		0.0000		(17,495)	(17,495.47)	(17,495.47)	0.00			
Imbalance Costs	Jan 2017	Feb 2017		0.0000		(2,339)	(2,338.74)	(2,338.74)	0.00			
Aggregator Cashouts	Jan 2017	Feb 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Jan 2017	Feb 2017	0	0.0000		52,632	52,631.70	52,631.70	0.00			
Storage Injections	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	(869)	(3,319.42)	
Storage Transportation	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00		(11.76)	
Storage Withdrawals	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	268,276	551,360.84	
Hedging - Settlement & Commission	Jan 2017	Feb 2017		0.0000		(15,350.00)	(15,350.00)	(15,350.00)	0.00			1,652,743.49
Purchases	Feb 2017	Mar 2017	280,000	3.0796	862,278		862,278.48	862,278.48	0.00			
Commodity - Transportation	Feb 2017	Mar 2017		0.0000		15,243	15,242.52	15,242.52	0.00			
Firm Transportation	Feb 2017	Mar 2017		0.0000		414,809	414,809.36	414,809.36	0.00			
Firm Transportation-Cheyenne Plains	Feb 2017	Mar 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Feb 2017	Mar 2017		0.0000		(14,470)	(14,470.12)	(14,470.12)	0.00			
Imbalance Costs	Feb 2017	Mar 2017		0.0000		(674)	(674.39)	(674.39)	0.00			
Aggregator Cashouts	Feb 2017	Mar 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Feb 2017	Mar 2017	0	0.0000		26,342	26,342.11	26,342.11	0.00			
Storage Injections	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	(95,495)	(308,137.80)	
Storage Transportation	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00		(1,867.49)	
Storage Withdrawals	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	60,471	154,781.57	
Hedging - Settlement & Commission	Feb 2017	Mar 2017		0.0000		9,400.00	9,400.00	9,400.00	0.00			1,157,704.24
Purchases	Mar 2017	Apr 2017	123,691	2.2650	280,160		280,160.12	280,160.12	0.00			
Commodity - Transportation	Mar 2017	Apr 2017		0.0000		11,763	11,763.43	11,763.43	0.00			
Firm Transportation	Mar 2017	Apr 2017		0.0000		459,253	459,253.22	459,253.22	0.00			
Firm Transportation-Cheyenne Plains	Mar 2017	Apr 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Mar 2017	Apr 2017		0.0000		(16,020)	(16,020.49)	(16,020.49)	0.00			
Imbalance Costs	Mar 2017	Apr 2017		0.0000		(1,297)	(1,296.90)	(1,296.90)	0.00			
Aggregator Cashouts	Mar 2017	Apr 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Mar 2017	Apr 2017	0	0.0000		(15,001)	(15,000.76)	(15,000.76)	0.00			
Storage Injections	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	(20,974)	(50,247.65)	
Storage Transportation	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00		(283.80)	
Storage Withdrawals	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	117,633	299,093.67	
Hedging - Settlement & Commission	Mar 2017	Apr 2017		0.0000		0.00	0.00	0.00	0.00			967,420.84
Purchases	Apr 2017	May 2017	170,074	2.6100	443,893		443,893.14	443,893.14	0.00			
Commodity - Transportation	Apr 2017	May 2017		0.0000		9,635	9,634.65	9,634.65	0.00			
Firm Transportation	Apr 2017	May 2017		0.0000		444,439	444,438.60	444,438.60	0.00			
Firm Transportation-Cheyenne Plains	Apr 2017	May 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Apr 2017	May 2017		0.0000		(15,504)	(15,503.70)	(15,503.70)	0.00			
Imbalance Costs	Apr 2017	May 2017		0.0000		367	367.46	367.46	0.00			
Aggregator Cashouts	Apr 2017	May 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Apr 2017	May 2017	0	0.0000		(18,360)	(18,360.17)	(18,360.17)	0.00			
Storage Injections	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	(73,236)	(195,649.97)	
Storage Transportation	Apr 2017	May 2017		0.0000			0.00	0.00	0.00		(966.71)	
Storage Withdrawals	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	9,808	26,246.21	
Hedging - Settlement & Commission	Apr 2017	May 2017		0.0000		0.00	0.00	0.00	0.00			694,099.51

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 2017	Jun 2017	250,545	2.6677	668,368		668,367.77	668,367.77	0.00				
Commodity - Transportation	May 2017	Jun 2017		0.0000		19,164	19,163.71	19,163.71	0.00				
Firm Transportation	May 2017	Jun 2017		0.0000		459,253	459,253.22	459,253.22	0.00				
Firm Transportation-Cheyenne Plains	May 2017	Jun 2017		0.0000		0	0.00	0.00	0.00				
Capacity Release	May 2017	Jun 2017		0.0000		(2,814)	(2,813.87)	(2,813.87)	0.00				
Imbalance Costs	May 2017	Jun 2017		0.0000		411	410.68	410.68	0.00				
Aggregator Cashouts	May 2017	Jun 2017	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	May 2017	Jun 2017	0	0.0000		(15,991)	(15,990.70)	(15,990.70)	0.00				
Storage Injections	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	(179,438)	(515,322.28)		
Storage Transportation	May 2017	Jun 2017		0.0000			0.00	0.00	0.00		(4,115.67)		
Storage Withdrawals	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	6,122	17,153.23		
Hedging - Settlement & Commission	May 2017	Jun 2017		0.0000			0.00	0.00	0.00			626,106.09	
Purchases	Jun 2017	Jul 2017	120,000	2.7900	334,800		334,800.00	334,800.00	0.00				
Commodity - Transportation	Jun 2017	Jul 2017		0.0000		21,441	21,441.42	21,441.42	0.00				
Firm Transportation	Jun 2017	Jul 2017		0.0000		444,439	444,438.60	444,438.60	0.00				
Firm Transportation-Cheyenne Plains	Jun 2017	Jul 2017		0.0000		0	0.00	0.00	0.00				
Capacity Release	Jun 2017	Jul 2017		0.0000		(2,723)	(2,723.10)	(2,723.10)	0.00				
Imbalance Costs	Jun 2017	Jul 2017		0.0000		(765)	(765.17)	(765.17)	0.00				
Aggregator Cashouts	Jun 2017	Jul 2017	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Jun 2017	Jul 2017	0	0.0000		1,793	1,792.82	1,792.82	0.00				
Storage Injections	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	(79,664)	(239,231.87)		
Storage Transportation	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00		(1,106.10)		
Storage Withdrawals	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00			558,646.60	
Purchases	Jul 2017	Aug 2017	172,163	2.6129	449,841		449,841.36	449,841.36	0.00				
Commodity - Transportation	Jul 2017	Aug 2017		0.0000		29,350	29,349.53	29,349.53	0.00				
Firm Transportation	Jul 2017	Aug 2017		0.0000		459,253	459,253.22	459,253.22	0.00				
Firm Transportation-Cheyenne Plains	Jul 2017	Aug 2017		0.0000		0	0.00	0.00	0.00				
Capacity Release	Jul 2017	Aug 2017		0.0000		(2,814)	(2,813.87)	(2,813.87)	0.00				
Imbalance Costs	Jul 2017	Aug 2017		0.0000		(359)	(358.81)	(358.81)	0.00				
Aggregator Cashouts	Jul 2017	Aug 2017	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Jul 2017	Aug 2017	0	0.0000		5,249	5,249.00	5,249.00	0.00				
Storage Injections	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	(131,543)	(370,090.68)		
Storage Transportation	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00		(1,826.37)		
Storage Withdrawals	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00			568,603.38	
Purchases	Aug 2017	Sep 2017	124,000	2.5300	313,720		313,720.00	313,720.00	0.00				
Commodity - Transportation	Aug 2017	Sep 2017		0.0000		33,818	33,818.25	33,818.25	0.00				
Firm Transportation	Aug 2017	Sep 2017		0.0000		456,439	456,439.35	456,439.35	0.00				
Firm Transportation-Cheyenne Plains	Aug 2017	Sep 2017		0.0000		0	0.00	0.00	0.00				
Capacity Release	Aug 2017	Sep 2017		0.0000		0	0.00	0.00	0.00				
Imbalance Costs	Aug 2017	Sep 2017		0.0000		(61)	(60.52)	(60.52)	0.00				
Aggregator Cashouts	Aug 2017	Sep 2017	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Aug 2017	Sep 2017	0	0.0000		(9,407)	(9,406.85)	(9,406.85)	0.00				
Storage Injections	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	(76,642)	(208,795.44)		
Storage Transportation	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00		(1,064.13)		
Storage Withdrawals	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00			584,650.66	
						0.00							
					1,898,573	5,252,600.29	5,473,673.17	10,726,273.46	10,726,273.46	-	106,280	(307,430.72)	10,418,842.74

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 2016	Oct 2016	60,000	2.5850	155,100.00		155,100.00	155,100.00	0.00			
Commodity - Transportation	Sep 2016	Oct 2016		0.0000		1,503.94	1,503.94	1,503.94	0.00			
Firm Transportation - Storage (17004)	Sep 2016	Oct 2016		0.0000		55,998.46	55,998.46	55,998.46	0.00			
Firm Transportation - Commodity (17005)	Sep 2016	Oct 2016		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	Sep 2016	Oct 2016		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Sep 2016	Oct 2016		0.0000		(1,117.24)	(1,117.24)	(1,117.24)	0.00			
Penalty Credit (17005)	Sep 2016	Oct 2016		0.0000		(114.51)	(114.51)	(114.51)	0.00			
Storage Injections	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	(45,226)	(120,775.57)	
Storage Transportation	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Sep 2016	Oct 2016	(122.00)	0.0000		(459.52)	(459.52)	(459.52)	0.00			
LV Cashouts	Sep 2016	Oct 2016	15.00	0.0000		(120.71)	(120.71)	(120.71)	0.00			
Hedging - Settlement & Commission	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00			178,484.85
Purchases	Oct 2016	Nov 2016	92,999	2.6850	249,702.32		249,702.32	249,702.32	0.00			
Commodity - Transportation	Oct 2016	Nov 2016		0.0000		2,549.15	2,549.15	2,549.15	0.00			
Firm Transportation - Storage (17004)	Oct 2016	Nov 2016		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Oct 2016	Nov 2016		0.0000		88,469.99	88,469.99	88,469.99	0.00			
Firm Transportation - Cheyenne Plains	Oct 2016	Nov 2016		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Oct 2016	Nov 2016		0.0000		(4,973.73)	(4,973.73)	(4,973.73)	0.00			
Penalty Credit (17005)	Oct 2016	Nov 2016		0.0000		(265.17)	(265.17)	(265.17)	0.00			
Storage Injections	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	(94,012)	(262,143.82)	
Storage Transportation	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	0	(459.49)	
Storage Withdrawals	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Oct 2016	Nov 2016	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Oct 2016	Nov 2016	4,645.00	0.0000		(494.66)	(494.66)	(494.66)	0.00			
Hedging - Settlement & Commission	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00			128,383.06
Purchases	Nov 2016	Dec 2016	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Nov 2016	Dec 2016		0.0000		662.32	662.32	662.32	0.00			
Firm Transportation - Storage (17004)	Nov 2016	Dec 2016		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Nov 2016	Dec 2016		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Nov 2016	Dec 2016		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Nov 2016	Dec 2016		0.0000		(4,766.96)	(4,766.96)	(4,766.96)	0.00			
Penalty Credit (17005)	Nov 2016	Dec 2016		0.0000		(255.19)	(255.19)	(255.19)	0.00			
Storage Injections	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	(1,290)	(3,457.38)	
Storage Transportation	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	0	(4.26)	
Storage Withdrawals	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	57,747	134,648.68	
Aggregator Cashouts	Nov 2016	Dec 2016	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Nov 2016	Dec 2016	0.00	0.0000		(6,629.04)	(6,629.04)	(6,629.04)	0.00			
Hedging - Settlement & Commission	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00			323,221.64
Purchases	Dec 2016	Jan 2017	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Dec 2016	Jan 2017		0.0000		1,915.83	1,915.83	1,915.83	0.00			
Firm Transportation - Storage (17004)	Dec 2016	Jan 2017		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Dec 2016	Jan 2017		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Dec 2016	Jan 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Dec 2016	Jan 2017		0.0000		(4,827.16)	(4,827.16)	(4,827.16)	0.00			
Penalty Credit (17005)	Dec 2016	Jan 2017		0.0000		(425.94)	(425.94)	(425.94)	0.00			
Storage Injections	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	171,031	398,792.98	
Aggregator Cashouts	Dec 2016	Jan 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Dec 2016	Jan 2017	0.00	0.0000		(20,355.56)	(20,355.56)	(20,355.56)	0.00			
Hedging - Settlement & Commission	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00			578,123.62

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 2017	Feb 2017	0	#DIV/0!	2,760.24		2,760.24	2,760.24	0.00			
Commodity - Transportation	Jan 2017	Feb 2017		0.0000		1,876.72	1,876.72	1,876.72	0.00			
Firm Transportation - Storage (17004)	Jan 2017	Feb 2017		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Jan 2017	Feb 2017		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Jan 2017	Feb 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jan 2017	Feb 2017		0.0000		(4,864.90)	(4,864.90)	(4,864.90)	0.00			
Penalty Credit (17005)	Jan 2017	Feb 2017		0.0000		(558.36)	(558.36)	(558.36)	0.00			
Storage Injections	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	167,540	390,669.77	
Aggregator Cashouts	Jan 2017	Feb 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jan 2017	Feb 2017	0.00	0.0000		2,783.03	2,783.03	2,783.03	0.00			
Hedging - Settlement & Commission	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00			595,689.97
Purchases	Feb 2017	Mar 2017	0	#DIV/0!	1,246.56		1,246.56	1,246.56	0.00			
Commodity - Transportation	Feb 2017	Mar 2017		0.0000		1,082.62	1,082.62	1,082.62	0.00			
Firm Transportation - Storage (17004)	Feb 2017	Mar 2017		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Feb 2017	Mar 2017		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Feb 2017	Mar 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Feb 2017	Mar 2017		0.0000		(4,753.06)	(4,753.06)	(4,753.06)	0.00			
Penalty Credit (17005)	Feb 2017	Mar 2017		0.0000		(396.51)	(396.51)	(396.51)	0.00			
Storage Injections	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	96,650	225,358.81	
Aggregator Cashouts	Feb 2017	Mar 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Feb 2017	Mar 2017	0.00	0.0000		33.43	33.43	33.43	0.00			
Hedging - Settlement & Commission	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00			425,595.32
Purchases	Mar 2017	Apr 2017	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Mar 2017	Apr 2017		0.0000		993.16	993.16	993.16	0.00			
Firm Transportation - Storage (17004)	Mar 2017	Apr 2017		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Mar 2017	Apr 2017		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Mar 2017	Apr 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Mar 2017	Apr 2017		0.0000		(4,760.54)	(4,760.54)	(4,760.54)	0.00			
Penalty Credit (17005)	Mar 2017	Apr 2017		0.0000		(318.89)	(318.89)	(318.89)	0.00			
Storage Injections	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	88,665	206,749.05	
Aggregator Cashouts	Mar 2017	Apr 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Mar 2017	Apr 2017	0.00	0.0000		(9,048.00)	(9,048.00)	(9,048.00)	0.00			
Hedging - Settlement & Commission	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00			396,638.25
Purchases	Apr 2017	May 2017	60,000	2.7050	162,300.00		162,300.00	162,300.00	0.00			
Commodity - Transportation	Apr 2017	May 2017		0.0000		1,644.67	1,644.67	1,644.67	0.00			
Firm Transportation - Storage (17004)	Apr 2017	May 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Apr 2017	May 2017		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	Apr 2017	May 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Apr 2017	May 2017		0.0000		(4,778.46)	(4,778.46)	(4,778.46)	0.00			
Penalty Credit (17005)	Apr 2017	May 2017		0.0000		(501.73)	(501.73)	(501.73)	0.00			
Storage Injections	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	(25,904)	(72,757.94)	
Storage Transportation	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	0	(85.48)	
Storage Withdrawals	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	5,655	13,542.03	
Aggregator Cashouts	Apr 2017	May 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Apr 2017	May 2017	0.00	0.0000		(8,098.72)	(8,098.72)	(8,098.72)	0.00			
Hedging - Settlement & Commission	Apr 2017	May 2017		0.0000			0.00	0.00	0.00			235,732.84

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 2017	Jun 2017	170,500	2.6625	453,956.25		453,956.25	453,956.25	0.00			
Commodity - Transportation	May 2017	Jun 2017		0.0000		4,160.25	4,160.25	4,160.25	0.00			
Firm Transportation - Storage (17004)	May 2017	Jun 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	May 2017	Jun 2017		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	May 2017	Jun 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	May 2017	Jun 2017		0.0000		(972.90)	(972.90)	(972.90)	0.00			
Penalty Credit (17005)	May 2017	Jun 2017		0.0000		(248.93)	(248.93)	(248.93)	0.00			
Storage Injections	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	(147,107)	(404,395.70)	
Storage Transportation	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	0	(485.45)	
Storage Withdrawals	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	May 2017	Jun 2017	0.00	0.0000		(4,214.09)	(4,214.09)	(4,214.09)	0.00			
LV Cashouts	May 2017	Jun 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	May 2017	Jun 2017		0.0000			0.00	0.00	0.00			192,267.90
Purchases -	Jun 2017	Jul 2017	90,000	2.8100	252,900.00		252,900.00	252,900.00	0.00			
Commodity - Transportation	Jun 2017	Jul 2017		0.0000		2,204.56	2,204.56	2,204.56	0.00			
Firm Transportation - Storage (17004)	Jun 2017	Jul 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Jun 2017	Jul 2017		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	Jun 2017	Jul 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jun 2017	Jul 2017		0.0000		(935.37)	(935.37)	(935.37)	0.00			
Penalty Credit (17005)	Jun 2017	Jul 2017		0.0000		(216.86)	(216.86)	(216.86)	0.00			
Storage Injections	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	(75,757)	(219,766.34)	
Storage Transportation	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	0	(250.00)	
Storage Withdrawals	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Jun 2017	Jul 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jun 2017	Jul 2017	0.00	0.0000		(6,945.87)	(6,945.87)	(6,945.87)	0.00			
Hedging - Settlement & Commission	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00			171,458.59
Purchases -	Jul 2017	Aug 2017	92,989	2.6775	248,978.05		248,978.05	248,978.05	0.00			
Commodity - Transportation	Jul 2017	Aug 2017		0.0000		2,263.90	2,263.90	2,263.90	0.00			
Firm Transportation - Storage (17004)	Jul 2017	Aug 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Jul 2017	Aug 2017		0.0000		88,469.99	88,469.99	88,469.99	0.00			
Firm Transportation - Cheyenne Plains	Jul 2017	Aug 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jul 2017	Aug 2017		0.0000		(960.44)	(960.44)	(960.44)	0.00			
Penalty Credit (17005)	Jul 2017	Aug 2017		0.0000		(92.06)	(92.06)	(92.06)	0.00			
Storage Injections	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	(81,315)	(224,757.51)	
Storage Transportation	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	0	(268.34)	
Storage Withdrawals	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Jul 2017	Aug 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jul 2017	Aug 2017	0.00	0.0000		1,527.00	1,527.00	1,527.00	0.00			
Hedging - Settlement & Commission	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00			171,159.06
Purchases -	Aug 2017	Sep 2017	62,000	2.5600	158,720.00		158,720.00	158,720.00	0.00			
Commodity - Transportation	Aug 2017	Sep 2017		0.0000		1,538.95	1,538.95	1,538.95	0.00			
Firm Transportation - Storage (17004)	Aug 2017	Sep 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Aug 2017	Sep 2017		0.0000		88,470.01	88,470.01	88,470.01	0.00			
Firm Transportation - Cheyenne Plains	Aug 2017	Sep 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Aug 2017	Sep 2017		0.0000		(935.87)	(935.87)	(935.87)	0.00			
Penalty Credit (17005)	Aug 2017	Sep 2017		0.0000		(217.71)	(217.71)	(217.71)	0.00			
Storage Injections	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	(47,756)	(126,419.30)	
Storage Transportation	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Aug 2017	Sep 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Aug 2017	Sep 2017	0.00	0.0000		(5,298.38)	(5,298.38)	(5,298.38)	0.00			
Hedging - Settlement & Commission	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00			171,856.17
			633,026.00		1,685,663.42	1,949,213.11	3,634,876.53	3,634,876.53	0.00	68,921	(66,265.26)	3,568,611.27

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 2016	Oct 2016	14,980	2.5950	38,873.10		38,873.10	38,873.10	0.00			
Commodity - Transportation (123147)	Sep 2016	Oct 2016		0.0000		10,120.00	10,120.00	10,120.00	0.00			
Commodity - Transportation (123148)	Sep 2016	Oct 2016		0.0000		6,806.33	6,806.33	6,806.33	0.00			
Firm Transportation - Cheyenne Plains	Sep 2016	Oct 2016		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	(2,214)	(5,916.87)	
Storage Transportation	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00	8,543	17,665.22	
LV Cashouts	Sep 2016	Oct 2016	(219)	0.0000		(1,280.52)	(1,280.52)	(1,280.52)	0.00			
Aggregator Cashouts	Sep 2016	Oct 2016	(9)	0.0000		(152.76)	(152.76)	(152.76)	0.00			
Hedging - Settlement & Commission	Sep 2016	Oct 2016		0.0000			0.00	0.00	0.00			66,114.50

Purchases	Oct 2016	Nov 2016	46,500	2.7125	126,131.25		126,131.25	126,131.25	0.00			
Commodity - Transportation (123147)	Oct 2016	Nov 2016		0.0000		17,456.00	17,456.00	17,456.00	0.00			
Commodity - Transportation (123148)	Oct 2016	Nov 2016		0.0000		35,001.21	35,001.21	35,001.21	0.00			
Firm Transportation - Cheyenne Plains	Oct 2016	Nov 2016		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	(30,326)	(84,565.35)	
Storage Transportation	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00	387	821.33	
LV Cashouts	Oct 2016	Nov 2016	0	0.0000		0.00	0.00	0.00	0.00			
Aggregator Cashouts	Oct 2016	Nov 2016	1,488	0.0000		1,186.66	1,186.66	1,186.66	0.00			
Hedging - Settlement & Commission	Oct 2016	Nov 2016		0.0000			0.00	0.00	0.00			96,031.10

Purchases	Nov 2016	Dec 2016	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation (123147)	Nov 2016	Dec 2016		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Nov 2016	Dec 2016		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Nov 2016	Dec 2016		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00	40,747	86,477.36	
LV Cashouts	Nov 2016	Dec 2016	0	0.0000		(5,782.81)	(5,782.81)	(5,782.81)	0.00			
Aggregator Cashouts	Nov 2016	Dec 2016	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Nov 2016	Dec 2016		0.0000			0.00	0.00	0.00			80,694.55

Purchases	Dec 2016	Jan 2017	9,000	3.7050	33,345.00		33,345.00	33,345.00	0.00			
Commodity - Transportation (123147)	Dec 2016	Jan 2017		0.0000		(32,668.69)	(32,668.69)	(32,668.69)	0.00			
Commodity - Transportation (123148)	Dec 2016	Jan 2017		0.0000		3,415.35	3,415.35	3,415.35	0.00			
Firm Transportation - Cheyenne Plains	Dec 2016	Jan 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00	105,469	223,836.86	
LV Cashouts	Dec 2016	Jan 2017	0	0.0000		(15,060.03)	(15,060.03)	(15,060.03)	0.00			
Aggregator Cashouts	Dec 2016	Jan 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Dec 2016	Jan 2017		0.0000			0.00	0.00	0.00			212,868.49

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 2017	Feb 2017	0	#DIV/0!	1,848.84		1,848.84	1,848.84	0.00			
Commodity - Transportation (123147)	Jan 2017	Feb 2017		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Jan 2017	Feb 2017		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jan 2017	Feb 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00	113,021	239,864.47	
LV Cashouts	Jan 2017	Feb 2017	0	0.0000		(8,468.50)	(8,468.50)	(8,468.50)	0.00			
Aggregator Cashouts	Jan 2017	Feb 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jan 2017	Feb 2017		0.0000			0.00	0.00	0.00			233,244.81

Purchases	Feb 2017	Mar 2017	0	#DIV/0!	834.56		834.56	834.56	0.00			
Commodity - Transportation (123147)	Feb 2017	Mar 2017		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Feb 2017	Mar 2017		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Feb 2017	Mar 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00	63,272	134,275.84	
LV Cashouts	Feb 2017	Mar 2017	0	0.0000		4,933.96	4,933.96	4,933.96	0.00			
Aggregator Cashouts	Feb 2017	Mar 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Feb 2017	Mar 2017		0.0000			0.00	0.00	0.00			140,044.36

Purchases	Mar 2017	Apr 2017	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation (123147)	Mar 2017	Apr 2017		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Mar 2017	Apr 2017		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Mar 2017	Apr 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00	57,784	122,634.98	
LV Cashouts	Mar 2017	Apr 2017	0	0.0000		(1,009.73)	(1,009.73)	(1,009.73)	0.00			
Aggregator Cashouts	Mar 2017	Apr 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Mar 2017	Apr 2017		0.0000			0.00	0.00	0.00			121,625.25

Purchases	Apr 2017	May 2017	60,000	2.7175	163,050.00		163,050.00	163,050.00	0.00			
Commodity - Transportation (123147)	Apr 2017	May 2017		0.0000		34,133.75	34,133.75	34,133.75	0.00			
Commodity - Transportation (123148)	Apr 2017	May 2017		0.0000		34,277.51	34,277.51	34,277.51	0.00			
Firm Transportation - Cheyenne Plains	Apr 2017	May 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	(30,730)	(85,570.78)	
Storage Transportation	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Apr 2017	May 2017		0.0000			0.00	0.00	0.00	1,459	3,662.09	
LV Cashouts	Apr 2017	May 2017	0	0.0000		(552.17)	(552.17)	(552.17)	0.00			
Aggregator Cashouts	Apr 2017	May 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Apr 2017	May 2017		0.0000			0.00	0.00	0.00			149,000.40

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 2017	Jun 2017	108,500	2.6500	287,525.00		287,525.00	287,525.00	0.00			
Commodity - Transportation (123147)	May 2017	Jun 2017		0.0000		26,484.18	26,484.18	26,484.18	0.00			
Commodity - Transportation (123148)	May 2017	Jun 2017		0.0000		97,378.33	97,378.33	97,378.33	0.00			
Firm Transportation - Cheyenne Plains	May 2017	Jun 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	(91,255)	(247,888.62)	
Storage Transportation	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	May 2017	Jun 2017		0.0000			0.00	0.00	0.00	518	1,368.50	
LV Cashouts	May 2017	Jun 2017	0	0.0000		(1,984.37)	(1,984.37)	(1,984.37)	0.00			
Aggregator Cashouts	May 2017	Jun 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	May 2017	Jun 2017		0.0000			0.00	0.00	0.00			162,883.02
Purchases	Jun 2017	Jul 2017	90,000	2.8725	258,525.00		258,525.00	258,525.00	0.00			
Commodity - Transportation (123147)	Jun 2017	Jul 2017		0.0000		8,514.82	8,514.82	8,514.82	0.00			
Commodity - Transportation (123148)	Jun 2017	Jul 2017		0.0000		94,235.98	94,235.98	94,235.98	0.00			
Firm Transportation - Cheyenne Plains	Jun 2017	Jul 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	(78,567)	(231,015.72)	
Storage Transportation	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00	548	1,502.73	
LV Cashouts	Jun 2017	Jul 2017	0	0.0000		0.00	0.00	0.00	0.00			
Aggregator Cashouts	Jun 2017	Jul 2017	0	0.0000		(1,477.90)	(1,477.90)	(1,477.90)	0.00			
Hedging - Settlement & Commission	Jun 2017	Jul 2017		0.0000			0.00	0.00	0.00			130,284.91
Purchases	Jul 2017	Aug 2017	92,986	2.7275	253,619.32		253,619.32	253,619.32	0.00			
Commodity - Transportation (123147)	Jul 2017	Aug 2017		0.0000		17,650.34	17,650.34	17,650.34	0.00			
Commodity - Transportation (123148)	Jul 2017	Aug 2017		0.0000		88,792.43	88,792.43	88,792.43	0.00			
Firm Transportation - Cheyenne Plains	Jul 2017	Aug 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	(80,868)	(225,966.49)	
Storage Transportation	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	Jul 2017	Aug 2017	0	0.0000		22.00	22.00	22.00	0.00			
Aggregator Cashouts	Jul 2017	Aug 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jul 2017	Aug 2017		0.0000			0.00	0.00	0.00			134,117.60
Purchases	Aug 2017	Sep 2017	62,000	2.6325	163,215.00		163,215.00	163,215.00	0.00			
Commodity - Transportation (123147)	Aug 2017	Sep 2017		0.0000		17,655.75	17,655.75	17,655.75	0.00			
Commodity - Transportation (123148)	Aug 2017	Sep 2017		0.0000		53,157.14	53,157.14	53,157.14	0.00			
Firm Transportation - Cheyenne Plains	Aug 2017	Sep 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	(51,307)	(138,465.49)	
Storage Transportation	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	Aug 2017	Sep 2017	0	0.0000		(1,646.45)	(1,646.45)	(1,646.45)	0.00			
Aggregator Cashouts	Aug 2017	Sep 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Aug 2017	Sep 2017		0.0000			0.00	0.00	0.00			93,915.95
			485,226.00		1,326,967.07	481,137.81	1,808,104.88	1,808,104.88	0.00	26,481	(187,279.94)	1,620,824.94

Empire District Gas Company
ACA Carrying Cost
2016-2017 ACA Year Ending 8/31/17
South System

	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Total
Accounting Month														
Firm ACA Recovery Balance - Under/(Over)	\$ 505,713.30	\$ 871,219.83	\$ 1,328,849.05	\$ 1,831,237.82	\$ 2,416,520.84	\$ 1,839,860.41	\$ 1,040,535.97	\$ 673,357.66	\$ 151,712.66	\$ 182,073.64	\$ 313,956.75	\$ 651,212.81	\$ 1,008,628.51	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		3.50%	3.50%	3.50%	3.75%	3.75%	3.75%	4.00%	4.00%	4.00%	4.25%	4.25%	4.25%	
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		1.50%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%	2.00%	2.00%	2.25%	2.25%	2.25%	
Interest credited to Customers on Firm Over Recovered Balance														\$ -
Interest credited to EDG on Firm Under Recovered Balance		\$ 860.58	\$ 1,420.88	\$ 1,975.05	\$ 3,200.57	\$ 3,207.07	\$ 1,960.27	\$ 1,475.85	\$ 687.56	\$ 287.43	\$ 465.03	\$ 935.01	\$ 1,607.97	\$ 18,083.26
														\$ 18,083.26
Interest credited to Customers on Interrupt. Over Recovered Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
														\$ -

Grand Total \$ 18,083.26

Empire District Gas Company
ACA Carrying Cost
2016-2017 ACA Year Ending 8/31/17
North System

	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Total
Accounting Month														
Firm ACA Recovery Balance - Under/(Over)	\$ 495,593.03	\$ 611,586.05	\$ 665,139.51	\$ 881,619.60	\$ 1,129,489.38	\$ 941,583.84	\$ 695,309.98	\$ 608,300.59	\$ 442,727.02	\$ 451,646.04	\$ 488,196.79	\$ 601,501.54	\$ 714,191.40	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		3.50%	3.50%	3.50%	3.75%	3.75%	3.75%	4.00%	4.00%	4.00%	4.25%	4.25%	4.25%	
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		1.50%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%	2.00%	2.00%	2.25%	2.25%	2.25%	
Interest credited to Customers on Firm Over Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Firm Under Recovered Balance	\$ 691.99	\$ 824.55	\$ 966.72	\$ 1,515.31	\$ 1,560.50	\$ 1,114.00	\$ 1,122.55	\$ 875.86	\$ 770.15	\$ 881.10	\$ 1,055.65	\$ 1,274.58	\$ 12,652.96	\$ 12,652.96
Interest credited to Customers on Interrupt. Over Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Grand Total \$ 12,652.96

Empire District Gas Company
ACA Carrying Cost
2016-2017 ACA Year Ending 8/31/17
Northwest System

	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Total
Firm ACA Recovery Balance - Under/(Over)	\$ (190,494.13)	\$ (163,512.83)	\$ (141,637.66)	\$ (127,266.75)	\$ (88,348.79)	\$ (212,557.01)	\$ (414,638.34)	\$ (511,738.58)	\$ (553,755.19)	\$ (487,228.88)	\$ (428,839.54)	\$ (325,637.17)	\$ (269,376.66)	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		3.50%	3.50%	3.50%	3.75%	3.75%	3.75%	4.00%	4.00%	4.00%	4.25%	4.25%	4.25%	
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		1.50%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%	2.00%	2.00%	2.25%	2.25%	2.25%	
Interest credited to Customers on Firm Over Recovered Balance		\$ (221.25)	\$ (197.08)	\$ (168.07)	\$ (162.46)	\$ (226.72)	\$ (426.84)	\$ (797.71)	\$ (887.91)	\$ (896.40)	\$ (858.81)	\$ (730.90)	\$ (576.42)	\$ (6,150.58)
Interest credited to EDG on Firm Under Recovered Balance														\$ -
														\$ (6,150.58)
Interest credited to Customers on Interrupt. Over Recovered Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Grand Total \$ (6,150.58)

ACA Filing Period Ending August 2017

**Empire District Gas Company
South System
2017-2018 Winter Season Residential Revenue Impact from Winter PGA/ACA Filing**

**Original Calculation Filed
PGA/ACA per MCF**

Month	Previous PGA/ACA Rates Factor	Month	New PGA/ACA Rates Factor	PGA/ACA Rate Change	Revenue Impact (Winter Season)
11/16	5.1912	11/17	5.6661	0.4749	\$85,566
12/16	5.1912	12/17	5.6661	0.4749	\$155,701
01/17	5.1912	01/18	5.6661	0.4749	\$166,927
02/17	5.1912	02/18	5.6661	0.4749	\$130,323
03/17	5.1912	03/18	5.6661	0.4749	\$97,066

Estimated Winter Season Change in Revenue **\$635,584**

Percent Change Between PGA/ACA Factors **9.15%**

Residential Sales Volume Forecast 1,643,310

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-17	7.19	10.96%	180,178
Dec-17	12.97	19.95%	327,861
Jan-18	13.82	21.39%	351,500
Feb-18	10.79	16.70%	274,423
Mar-18	8.06	12.44%	204,392
Apr-18	4.16	6.38%	104,899
May-18	1.32	1.99%	32,751
Jun-18	1.17	1.76%	28,897
Jul-18	0.85	1.28%	20,967
Aug-18	0.90	1.34%	21,957
Sep-18	1.24	1.85%	30,408
Oct-18	2.64	3.96%	65,078
TOTAL	65.12	100%	1,643,310

**North System
2017-2018 Winter Season Residential Revenue Impact from Winter PGA/ACA Filing**

Original Calculation Filed

PGA/ACA per MCF

Month	Previous PGA/ACA Rates Factor	Month	New PGA/ACA Rates Factor	PGA/ACA Rate Change	Revenue Impact (Winter Season)
11/16	4.8714	11/17	5.3601	0.4887	\$59,553
12/16	4.8714	12/17	5.3601	0.4887	\$45,952
01/17	4.8714	01/18	5.3601	0.4887	\$34,542
02/17	4.8714	02/18	5.3601	0.4887	\$17,998
03/17	4.8714	03/18	5.3601	0.4887	\$5,708

Estimated Winter Season Change in Revenue \$163,753

Percent Change Between PGA/ACA Factors 10.03%

Residential Sales Volume Forecast 428,338

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-17	15.02	28.45%	121,861
Dec-17	11.56	21.95%	94,029
Jan-18	8.66	16.50%	70,681
Feb-18	4.51	8.60%	36,828
Mar-18	1.43	2.73%	11,680
Apr-18	0.55	1.04%	4,454
May-18	0.60	1.10%	4,692
Jun-18	0.73	1.32%	5,634
Jul-18	0.94	1.69%	7,220
Aug-18	2.38	4.25%	18,218
Sep-18	2.26	4.03%	17,270
Oct-18	4.62	8.35%	35,771
TOTAL	53.27	100%	428,338

**Empire District Gas Company
ACA Filing Period Ending August 2017**

**Empire District Gas Company
Northwest System
2017-2018 Winter Season Residential Revenue Impact from Winter PGA/ACA Filing**

Original Calculation Filed

PGA/ACA per MCF

Month	Previous PGA/ACA Rates Factor	Month	New PGA/ACA Rates Factor	PGA/ACA Rate Change	Revenue Impact (Winter Season)
11/16	3.4537	11/17	3.5333	0.0796	\$4,815
12/16	3.4537	12/17	3.5333	0.0796	\$8,278
01/17	3.4537	01/18	3.5333	0.0796	\$9,294
02/17	3.4537	02/18	3.5333	0.0796	\$7,126
03/17	3.4537	03/18	3.5333	0.0796	\$5,492

Estimated Winter Season Change in Revenue \$35,004

Percent Change Between PGA/ACA Factors 2.30%

Residential Sales Volume Forecast 565,725

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-17	12.70	10.69%	60,487
Dec-17	21.71	18.38%	103,995
Jan-18	24.11	20.64%	116,755
Feb-18	18.50	15.82%	89,520
Mar-18	14.28	12.20%	68,993
Apr-18	7.39	6.20%	35,056
May-18	3.05	2.55%	14,443
Jun-18	3.08	2.53%	14,324
Jul-18	2.04	1.67%	9,425
Aug-18	1.55	1.27%	7,165
Sep-18	3.39	2.77%	15,667
Oct-18	6.39	5.28%	29,894
TOTAL	118.18	100%	565,725

**Empire District Gas Company
ACA Filing Period Ending August 2017**

**Schedule 9 - Analysis of Change in Overall PGA Rates per CCF
2016-2017 ACA Year Ending 8/31/17**

	South System				North System				Northwest System			
	Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change	
			\$	%			\$	%			\$	%
Transportation & Storage	\$ 0.21263	\$ 0.24443	\$ 0.03180	15.0%	\$ 0.17279	\$ 0.17604	\$ 0.00325	1.9%	\$ 0.12013	\$ 0.12076	\$ 0.00063	0.5%
Gas Cost	\$ 0.28561	\$ 0.27841	\$ (0.00720)	-2.5%	\$ 0.25426	\$ 0.27016	\$ 0.01590	6.3%	\$ 0.25891	\$ 0.28148	\$ 0.02257	8.7%
PGA	\$ 0.49824	\$ 0.52284	\$ 0.02460	4.9%	\$ 0.42705	\$ 0.44620	\$ 0.01915	4.5%	\$ 0.37904	\$ 0.40224	\$ 0.02320	6.1%
ACA	\$ 0.02088	\$ 0.04377	\$ 0.02289	109.6%	\$ 0.06009	\$ 0.08981	\$ 0.02972	49.5%	\$ (0.03367)	\$ (0.04891)	\$ (0.01524)	45.3%
Total Rate	\$ 0.51912	\$ 0.56661	\$ 0.04749	9.1%	\$ 0.48714	\$ 0.53601	\$ 0.04887	10.0%	\$ 0.34537	\$ 0.35333	\$ 0.00796	2.3%