

**ENCLOSURE 1 PAGE 4 IS CONFIDENTIAL IN ITS ENTIRETY
PURSUANT TO 4 CSR 240-2.135(S)(A)4**

NP

**Empire District Gas Company
ACA Filing Period Ending August 2018**

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

North System Line Loss 2.01%
Annual Burnertip Sales 818,665

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
	\$ -
	<u>\$ 9.8300</u>

PEPL EFT Commodity Rates

Field Zone Commodity	<u>\$ 0.0195</u>
Market Zone Access	\$ 0.0006
Market Zone Mileage 201-300 Block	\$ 0.0075
ACA Unit Charge	<u>\$ 0.0013</u>
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)	0.83%
PEPL Market Zone Loss (Mileage 201-300 Fuel Reimb)	1.23%
FIELD Injection Charge Fuel Reimbursement %	1.25%
FIELD Withdrawal Charge Fuel Reimbursement %	0.75%

Total Budgeted Sales Volume @ Burnertip

Nov 18	87,608
Dec 18	153,981
Jan 19	178,554
Feb 19	136,918
Mar 19	101,145
Apr 19	51,687
May 19	19,675
Jun 19	10,112
Jul 19	11,759
Aug 19	14,108
Sep 19	16,610
Oct 19	<u>36,508</u>
	818,665

Note: From FERC Gas Tariff: PEPL 4th Revised Volume 1, Part IV EFT Version 21.0.0,
4th Revised Volume 1, Part IV FS Version 10.0.0,

**ENCLOSURE 2 PAGE 4 IS CONFIDENTIAL IN ITS ENTIRETY
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**Empire District Gas Company
ACA Filing Period Ending August 2018**

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

Northwest System Line Loss 1.58%
Annual Burnertip Sales 570,850

Total Budgeted Sales Volume @ Burnertip	
Nov 18	58,692
Dec 18	104,246
Jan 19	116,538
Feb 19	89,846
Mar 19	68,301
Apr 19	35,330
May 19	16,165
Jun 19	13,716
Jul 19	9,834
Aug 19	8,187
Sep 19	18,028
Oct 19	31,967
	570,850

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)
	\$ -
	\$ 1.1605

Fuel and L & U - SW Southern Segment (ML-5)	2.21%
Fuel and L & U - SW Central Segment (ML-6)	3.57%
FSS & DSS Transporter's Use	0.53%

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 v.2.0.0 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 4.19 v. 8.0.0 Superseding 7.0.0

**Empire District Gas Company
ACA Filing Period Ending August 2018**

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

Transportation Cost <u>ANR Pipeline</u>	<u>Annual/ Seasonal Volume</u>	<u>No. of Mths Reserved</u>	<u>Tariff Rate</u>	<u>Annual Cost</u>	<u>MCF Cost</u>
ANR Transportation Cost	597,297		\$ 1.1605	\$ 693,163	\$ 1.2143
Pipeline Commodity Costs	597,297		\$ -	\$ -	\$ -
Total Transportation Costs				\$ 693,163	\$ 1.2143
Natural Gas Purchases	597,297		\$ 2.3786	\$ 1,420,730	\$ 2.4888
Total Annual Cost				\$ 2,113,893	\$ 3.7031
				<u>Foots</u>	
Sales Volume at Burnertip Cost per MCF at Burnertip	570,850				\$ 3.7031

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**Empire District Gas Company
ACA Filing Period Ending August 2018**

**SCHEDULE 4 - CALCULATION OF
NEW RECOVERY BALANCE
2017-18 ACA YEAR**

For August 2018

Line	South System		North System		Northwest System		TOTAL	
	FIRM	INTERRUPT.	FIRM	INTERRUPT.	FIRM	INTERRUPT.		
1	ACA Recovery	\$ 958,219.71	\$ -	\$ 718,488.72	\$ -	\$ (272,603.45)	\$ -	\$ 1,404,104.98
2	PGA Regular Recovery	\$ 12,306,763.08	\$ -	\$ 3,727,675.78	\$ -	\$ 2,353,025.51	\$ -	\$ 18,387,464.37
3	Balancing Penalties	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Balancing Fees	\$ 273,675.76	\$ -	\$ 76,515.21	\$ -	\$ 43,672.39	\$ -	\$ 393,863.36
5	Total Recovery	\$ 13,538,658.55	\$ -	\$ 4,522,679.71	\$ -	\$ 2,124,094.45	\$ -	\$ 20,185,432.71
	LESS:							
6	Purchased Gas Cost	\$ 11,482,091.68	\$ -	\$ 3,679,593.40	\$ -	\$ 1,954,893.95	\$ -	\$ 17,116,579.03
7	Storage Costs	\$ 199,313.11	\$ -	\$ 481,251.67	\$ -	\$ 270,862.85	\$ -	\$ 951,427.63
8	Total Purchased Gas Cost	\$ 11,681,404.79	\$ -	\$ 4,160,845.07	\$ -	\$ 2,225,756.80	\$ -	\$ 18,068,006.66
9	Gross Recovery Over/(Under) Cost	\$ 1,857,253.76	\$ -	\$ 361,834.64	\$ -	\$ (101,662.35)	\$ -	\$ 2,117,426.05
10	GR-2017-0134 Staff Corrections PE 2016	\$ -	\$ -	\$ 11,112.00	\$ -	\$ -	\$ -	\$ 11,112.00
11	Carrying Costs	\$ (13,357.18)	\$ -	\$ (18,964.75)	\$ -	\$ 4,673.58	\$ -	\$ (27,648.35)
12	Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Total Adjustments	\$ (13,357.18)	\$ -	\$ (7,852.75)	\$ -	\$ 4,673.58	\$ -	\$ (16,536.35)
14	Revenue Recovery Over/(Under) Cost for ACA Year	1,843,896.58	0.00	353,981.89	0.00	(96,988.77)	0.00	2,100,889.70
15	Beginning ACA Recovery Balance, October 1, 2017	(1,026,711.77)	0.00	(726,844.36)	0.00	275,527.24	0.00	(1,478,028.89)
16	ACA Recovery Balance at 08/31/18	817,184.81	0.00	(372,862.47)	0.00	178,538.47	0.00	622,860.81
19	ACA Recovery Balance September 30, 2018, per General Ledger	859,636.85		(342,057.92)		171,426.15		689,005.08
20	Less Sep Entry for ACA Revenue Recovery	\$ (17,851.71)		\$ (9,238.77)		\$ 3,836.50		\$ (23,253.98)
21	Less Sep Entry for Balancing Penalties & Fees Recovery	\$ (11,245.23)		\$ (2,599.77)		\$ (1,395.76)		\$ (15,240.76)
22	Carrying Costs	\$ (13,357.18)	\$ -	\$ (18,964.75)	\$ -	\$ 4,673.58	\$ -	\$ (27,648.35)
23	Total Adjustments	(42,454.12)	0.00	(30,803.29)	0.00	7,114.32	0.00	(66,143.09)
24	Ending ACA Recovery Balance - August 31, 2018	817,182.73	0.00	-372861.21	0.00	178,540.47	0.00	622,861.99 (1.18)
								Total Diference
25	Sales Forecast	2,355,123		818,666	0	570,850	0	3,744,639
26	Calculated Estimated ACA Rates For 11/18 per CCF	\$ (0.03470)	\$ -	\$ 0.04555	\$ -	\$ (0.03128)	\$ -	
27	Effective Rates at 11/17 per CCF	\$ 0.04377	\$ -	\$ 0.08962	\$ -	\$ (0.04891)	\$ -	
28	Change in ACA Rates	(0.07847)	0.00000	(0.04407)	0.00000	0.01763	0.00000	

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 2017	Oct 2017	150,997	2.5158	379,885		379,884.53	379,884.53	0.00			
Commodity - Transportation	Sep 2017	Oct 2017		0.0000		39,870	39,870.39	39,870.39	0.00			
Firm Transportation	Sep 2017	Oct 2017		0.0000		444,439	444,438.60	444,438.60	0.00			
Firm Transportation-Cheyenne Plains	Sep 2017	Oct 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Sep 2017	Oct 2017		0.0000		(2,723)	(2,723.10)	(2,723.10)	0.00			
Imbalance Costs	Sep 2017	Oct 2017		0.0000		(195)	(194.54)	(194.54)	0.00			
Aggregator Cashouts	Sep 2017	Oct 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Sep 2017	Oct 2017	0	0.0000		(1,042)	(1,042.39)	(1,042.39)	0.00			
Storage Injections	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	(103,230)	(279,674.66)	
Storage Transportation	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00		(2,258.63)	
Storage Withdrawals	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	Sep 2017	Oct 2017		0.0000		0.00	0.00	0.00	0.00			578,300.20
Purchases	Oct 2017	Nov 2017	158,993	2.4883	395,623		395,622.78	395,622.78	0.00			
Commodity - Transportation	Oct 2017	Nov 2017		0.0000		44,702	44,701.82	44,701.82	0.00			
Firm Transportation	Oct 2017	Nov 2017		0.0000		459,253	459,253.22	459,253.22	0.00			
Firm Transportation-Cheyenne Plains	Oct 2017	Nov 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Oct 2017	Nov 2017		0.0000		(15,497)	(15,496.99)	(15,496.99)	0.00			
Imbalance Costs	Oct 2017	Nov 2017		0.0000		320	319.91	319.91	0.00			
Aggregator Cashouts	Oct 2017	Nov 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Oct 2017	Nov 2017	0	0.0000		(34,216)	(34,216.35)	(34,216.35)	0.00			
Storage Injections	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	(49,079)	(131,517.30)	
Storage Transportation	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00		(908.82)	
Storage Withdrawals	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	14,772	41,472.39	
Hedging - Settlement & Commission	Oct 2017	Nov 2017		0.0000		0.00	0.00	0.00	0.00			759,230.66
Purchases	Nov 2017	Dec 2017	202,845	2.2971	465,953		465,952.99	465,952.99	0.00			
Commodity - Transportation	Nov 2017	Dec 2017		0.0000		44,823	44,823.48	44,823.48	0.00			
Firm Transportation	Nov 2017	Dec 2017		0.0000		444,439	444,438.60	444,438.60	0.00			
Firm Transportation-Cheyenne Plains	Nov 2017	Dec 2017		0.0000		0	0.00	0.00	0.00			
Capacity Release	Nov 2017	Dec 2017		0.0000		(39,608)	(39,608.10)	(39,608.10)	0.00			
Imbalance Costs	Nov 2017	Dec 2017		0.0000		203	203.18	203.18	0.00			
Aggregator Cashouts	Nov 2017	Dec 2017	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Nov 2017	Dec 2017	0	0.0000		(30,418)	(30,417.95)	(30,417.95)	0.00			
Storage Injections	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	(25,058)	(62,012.47)	
Storage Transportation	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00		(635.54)	
Storage Withdrawals	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	69,219	193,619.39	
Hedging - Settlement & Commission	Nov 2017	Dec 2017		0.0000		15,030.00	15,030.00	15,030.00	0.00			1,031,393.58
Purchases	Dec 2017	Jan 2018	283,738	2.5947	736,216		736,215.82	736,215.82	0.00			
Commodity - Transportation	Dec 2017	Jan 2018		0.0000		47,542	47,542.19	47,542.19	0.00			
Firm Transportation	Dec 2017	Jan 2018		0.0000		459,253	459,253.22	459,253.22	0.00			
Firm Transportation-Cheyenne Plains	Dec 2017	Jan 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Dec 2017	Jan 2018		0.0000		(40,928)	(40,928.37)	(40,928.37)	0.00			
Imbalance Costs	Dec 2017	Jan 2018		0.0000		687	687.35	687.35	0.00			
Aggregator Cashouts	Dec 2017	Jan 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Dec 2017	Jan 2018	0	0.0000		(10,987)	(10,987.47)	(10,987.47)	0.00			
Storage Injections	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	(20,928)	(58,470.93)	
Storage Transportation	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	0	(522.55)	
Storage Withdrawals	Dec 2017	Jan 2018		0.0000		0.00	0.00	0.00	0.00	197,133	551,558.42	
Hedging - Settlement & Commission	Dec 2017	Jan 2018		0.0000		12,530.00	12,530.00	12,530.00	0.00			1,696,877.68

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 2018	Feb 2018	229,696	2.7512	631,932		631,931.70	631,931.70	0.00			
Commodity - Transportation	Jan 2018	Feb 2018		0.0000		31,075	31,075.40	31,075.40	0.00			
Firm Transportation	Jan 2018	Feb 2018		0.0000		459,253	459,253.22	459,253.22	0.00			
Firm Transportation-Cheyenne Plains	Jan 2018	Feb 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Jan 2018	Feb 2018		0.0000		(40,928)	(40,928.37)	(40,928.37)	0.00			
Imbalance Costs	Jan 2018	Feb 2018		0.0000		424	423.66	423.66	0.00			
Aggregator Cashouts	Jan 2018	Feb 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Jan 2018	Feb 2018	0	0.0000		(107,380)	(107,380.27)	(107,380.27)	0.00			
Storage Injections	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	(1,211)	(3,384.00)	
Storage Transportation	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00		(80.39)	
Storage Withdrawals	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	342,262	957,649.08	
Hedging - Settlement & Commission	Jan 2018	Feb 2018		0.0000		12,530.00	12,530.00	12,530.00	0.00			1,941,090.03
Purchases	Feb 2018	Mar 2018	426,366	2.6466	1,128,432		1,128,431.54	1,128,431.54	0.00			
Commodity - Transportation	Feb 2018	Mar 2018		0.0000		24,136	24,136.07	24,136.07	0.00			
Firm Transportation	Feb 2018	Mar 2018		0.0000		414,809	414,809.36	414,809.36	0.00			
Firm Transportation-Cheyenne Plains	Feb 2018	Mar 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Feb 2018	Mar 2018		0.0000		(36,968)	(36,967.56)	(36,967.56)	0.00			
Imbalance Costs	Feb 2018	Mar 2018		0.0000		(3,458)	(3,457.97)	(3,457.97)	0.00			
Aggregator Cashouts	Feb 2018	Mar 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Feb 2018	Mar 2018	0	0.0000		(37,054)	(37,053.80)	(37,053.80)	0.00			
Storage Injections	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	(89,383)	(255,524.84)	
Storage Transportation	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	1,025,636	289,079.74	
Hedging - Settlement & Commission	Feb 2018	Mar 2018		0.0000		2,500.00	2,500.00	2,500.00	0.00			1,525,952.54
Purchases	Mar 2018	Apr 2018	327,758	2.0491	671,605		671,605.38	671,605.38	0.00			
Commodity - Transportation	Mar 2018	Apr 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation	Mar 2018	Apr 2018		0.0000		435,489	435,489.06	435,489.06	0.00			
Firm Transportation-Cheyenne Plains	Mar 2018	Apr 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Mar 2018	Apr 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Mar 2018	Apr 2018		0.0000		(8,858)	(8,858.26)	(8,858.26)	0.00			
Aggregator Cashouts	Mar 2018	Apr 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Mar 2018	Apr 2018	0	0.0000		(17,417)	(17,417.00)	(17,417.00)	0.00			
Storage Injections	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	(49,485)	(111,806.39)	
Storage Transportation	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00		(748.68)	
Storage Withdrawals	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	34,153	91,724.71	
Hedging - Settlement & Commission	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			1,059,988.82
Purchases	Apr 2018	May 2018	179,200	1.8131	324,912		324,912.00	324,912.00	0.00			
Commodity - Transportation	Apr 2018	May 2018		0.0000		433,109	433,108.75	433,108.75	0.00			
Firm Transportation	Apr 2018	May 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Apr 2018	May 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Apr 2018	May 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Apr 2018	May 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Apr 2018	May 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Apr 2018	May 2018	0	0.0000		(36,485)	(36,485.32)	(36,485.32)	0.00			
Storage Injections	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	(46,717)	(92,064.42)	
Storage Transportation	Apr 2018	May 2018		0.0000			0.00	0.00	0.00		(654.74)	
Storage Withdrawals	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	107,676	280,043.74	
Hedging - Settlement & Commission	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			908,860.01

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Purchases	May 2018	Jun 2018	173,600	1.9008	329,980		329,980.00	329,980.00	0.00			
Commodity - Transportation	May 2018	Jun 2018		0.0000		468,226	468,225.83	468,225.83	0.00			
Firm Transportation	May 2018	Jun 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	May 2018	Jun 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	May 2018	Jun 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	May 2018	Jun 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	May 2018	Jun 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	May 2018	Jun 2018	0	0.0000		8,052	8,051.64	8,051.64	0.00			
Storage Injections	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	(124,827)	(258,036.90)	
Storage Transportation	May 2018	Jun 2018		0.0000			0.00	0.00	0.00		(1,749.55)	
Storage Withdrawals	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			546,471.02
Purchases	Jun 2018	Jul 2018	163,741	2.0300	332,394		332,394.23	332,394.23	0.00			
Commodity - Transportation	Jun 2018	Jul 2018		0.0000		459,762	459,761.80	459,761.80	0.00			
Firm Transportation	Jun 2018	Jul 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Jun 2018	Jul 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Jun 2018	Jul 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Jun 2018	Jul 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Jun 2018	Jul 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Jun 2018	Jul 2018	0	0.0000		2,915	2,915.49	2,915.49	0.00			
Storage Injections	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	(121,375)	(267,628.05)	
Storage Transportation	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00		(1,701.20)	
Storage Withdrawals	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			525,742.27
Purchases	Jul 2018	Aug 2018	196,244	2.1694	425,730		425,729.76	425,729.76	0.00			
Commodity - Transportation	Jul 2018	Aug 2018		0.0000		483,126	483,125.53	483,125.53	0.00			
Firm Transportation	Jul 2018	Aug 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Jul 2018	Aug 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Jul 2018	Aug 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Jul 2018	Aug 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Jul 2018	Aug 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Jul 2018	Aug 2018	0	0.0000		(18,070)	(18,069.75)	(18,069.75)	0.00			
Storage Injections	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	(144,039)	(339,266.80)	
Storage Transportation	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00		(2,593.09)	
Storage Withdrawals	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			548,925.65
Purchases	Aug 2018	Sep 2018	191,223	2.1569	412,440		412,440.06	412,440.06	0.00			
Commodity - Transportation	Aug 2018	Sep 2018		0.0000		491,261	491,261.18	491,261.18	0.00			
Firm Transportation	Aug 2018	Sep 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Aug 2018	Sep 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Aug 2018	Sep 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Aug 2018	Sep 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Aug 2018	Sep 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Aug 2018	Sep 2018	0	0.0000		(10,535)	(10,534.50)	(10,534.50)	0.00			
Storage Injections	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	(141,764)	(334,594.41)	
Storage Transportation	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			558,572.33
			2,684,401		6,235,100.79	5,246,990.89	11,482,091.68	11,482,091.68	-	873,755	199,313.11	11,681,404.79

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 2017	Oct 2017	60,000	2.5550	153,300.00		153,300.00	153,300.00	0.00			
Commodity - Transportation	Sep 2017	Oct 2017		0.0000		1,493.28	1,493.28	1,493.28	0.00			
Firm Transportation - Storage (17004)	Sep 2017	Oct 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Sep 2017	Oct 2017		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	Sep 2017	Oct 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Sep 2017	Oct 2017		0.0000		(963.20)	(963.20)	(963.20)	0.00			
Penalty Credit (17005)	Sep 2017	Oct 2017		0.0000		(0.03)	(0.03)	(0.03)	0.00			
Storage Injections	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	(45,319)	(119,764.06)	
Storage Transportation	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	0	(149.55)	
Storage Withdrawals	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Sep 2017	Oct 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Sep 2017	Oct 2017	0.00	0.0000		(1,891.07)	(1,891.07)	(1,891.07)	0.00			
Hedging - Settlement & Commission	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00			176,493.84
Purchases	Oct 2017	Nov 2017	159,000	2.5206	400,782.50		400,782.50	400,782.50	0.00			
Commodity - Transportation	Oct 2017	Nov 2017		0.0000		4,536.19	4,536.19	4,536.19	0.00			
Firm Transportation - Storage (17004)	Oct 2017	Nov 2017		0.0000		55,998.47	55,998.47	55,998.47	0.00			
Firm Transportation - Commodity (17005)	Oct 2017	Nov 2017		0.0000		88,470.00	88,470.00	88,470.00	0.00			
Firm Transportation - Cheyenne Plains	Oct 2017	Nov 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Oct 2017	Nov 2017		0.0000		(2,798.59)	(2,798.59)	(2,798.59)	0.00			
Penalty Credit (17005)	Oct 2017	Nov 2017		0.0000		(67.49)	(67.49)	(67.49)	0.00			
Storage Injections	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	(114,903)	(299,737.19)	
Storage Transportation	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	0	(379.18)	
Storage Withdrawals	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Oct 2017	Nov 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Oct 2017	Nov 2017	0.00	0.0000		(7,865.57)	(7,865.57)	(7,865.57)	0.00			
Hedging - Settlement & Commission	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00			238,939.14
Purchases	Nov 2017	Dec 2017	20,000	2.4875	49,750.00		49,750.00	49,750.00	0.00			
Commodity - Transportation	Nov 2017	Dec 2017		0.0000		1,390.32	1,390.32	1,390.32	0.00			
Firm Transportation - Storage (17004)	Nov 2017	Dec 2017		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Nov 2017	Dec 2017		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Nov 2017	Dec 2017		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Nov 2017	Dec 2017		0.0000		(3,310.46)	(3,310.46)	(3,310.46)	0.00			
Penalty Credit (17005)	Nov 2017	Dec 2017		0.0000		(170.98)	(170.98)	(170.98)	0.00			
Storage Injections	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	(8,765)	(22,596.40)	
Storage Transportation	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	0	(28.92)	
Storage Withdrawals	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	76,979	203,393.91	
Aggregator Cashouts	Nov 2017	Dec 2017	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Nov 2017	Dec 2017	0.00	0.0000		(20,846.11)	(20,846.11)	(20,846.11)	0.00			
Hedging - Settlement & Commission	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00			410,604.83
Purchases	Dec 2017	Jan 2018	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Dec 2017	Jan 2018		0.0000		1,779.47	1,779.47	1,779.47	0.00			
Firm Transportation - Storage (17004)	Dec 2017	Jan 2018		0.0000		73,753.46	73,753.46	73,753.46	0.00			
Firm Transportation - Commodity (17005)	Dec 2017	Jan 2018		0.0000		129,270.01	129,270.01	129,270.01	0.00			
Firm Transportation - Cheyenne Plains	Dec 2017	Jan 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Dec 2017	Jan 2018		0.0000		(3,334.96)	(3,334.96)	(3,334.96)	0.00			
Penalty Credit (17005)	Dec 2017	Jan 2018		0.0000		(458.67)	(458.67)	(458.67)	0.00			
Storage Injections	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	158,574	418,984.22	
Aggregator Cashouts	Dec 2017	Jan 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Dec 2017	Jan 2018	0.00	0.0000		(4,619.30)	(4,619.30)	(4,619.30)	0.00			
Hedging - Settlement & Commission	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00			615,374.23

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 2018	Feb 2018	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Jan 2018	Feb 2018		0.0000		2,272.87	2,272.87	2,272.87	0.00			
Firm Transportation - Storage (17004)	Jan 2018	Feb 2018		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Jan 2018	Feb 2018		0.0000		129,270.01	129,270.01	129,270.01	0.00			
Firm Transportation - Cheyenne Plains	Jan 2018	Feb 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jan 2018	Feb 2018		0.0000		(3,334.97)	(3,334.97)	(3,334.97)	0.00			
Penalty Credit (17005)	Jan 2018	Feb 2018		0.0000		(304.47)	(304.47)	(304.47)	0.00			
Storage Injections	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00		0	0.00
Storage Withdrawals	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	202,548	535,172.33	
Aggregator Cashouts	Jan 2018	Feb 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jan 2018	Feb 2018	0.00	0.0000		(39,926.01)	(39,926.01)	(39,926.01)	0.00			
Hedging - Settlement & Commission	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00			696,903.23
Purchases	Feb 2018	Mar 2018	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation	Feb 2018	Mar 2018		0.0000		1,711.93	1,711.93	1,711.93	0.00			
Firm Transportation - Storage (17004)	Feb 2018	Mar 2018		0.0000		73,753.47	73,753.47	73,753.47	0.00			
Firm Transportation - Commodity (17005)	Feb 2018	Mar 2018		0.0000		129,270.00	129,270.00	129,270.00	0.00			
Firm Transportation - Cheyenne Plains	Feb 2018	Mar 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Feb 2018	Mar 2018		0.0000		(3,261.46)	(3,261.46)	(3,261.46)	0.00			
Penalty Credit (17005)	Feb 2018	Mar 2018		0.0000		(664.57)	(664.57)	(664.57)	0.00			
Storage Injections	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	152,559	403,091.39	
Aggregator Cashouts	Feb 2018	Mar 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Feb 2018	Mar 2018	0.00	0.0000		(16,128.47)	(16,128.47)	(16,128.47)	0.00			
Hedging - Settlement & Commission	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00			587,772.29
Purchases	Mar 2018	Apr 2018	51,500	2.0729	106,755.00		106,755.00	106,755.00	0.00			
Commodity - Transportation	Mar 2018	Apr 2018		0.0000		201,730.63	201,730.63	201,730.63	0.00			
Firm Transportation - Storage (17004)	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	(14,070)	(30,081.01)	
Storage Transportation	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	0	(46.43)	
Storage Withdrawals	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	77,557	200,298.71	
Aggregator Cashouts	Mar 2018	Apr 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Mar 2018	Apr 2018	0.00	0.0000		3,411.02	3,411.02	3,411.02	0.00			
Hedging - Settlement & Commission	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00			482,067.92
Purchases	Apr 2018	May 2018	153,000	1.9557	299,220.00		299,220.00	299,220.00	0.00			
Commodity - Transportation	Apr 2018	May 2018		0.0000		145,026.92	145,026.92	145,026.92	0.00			
Firm Transportation - Storage (17004)	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	(72,389)	(146,091.53)	
Storage Transportation	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	0	(238.88)	
Storage Withdrawals	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	8,442	19,485.82	
Aggregator Cashouts	Apr 2018	May 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Apr 2018	May 2018	0.00	0.0000		(25,448.08)	(25,448.08)	(25,448.08)	0.00			
Hedging - Settlement & Commission	Apr 2018	May 2018		0.0000			0.00	0.00	0.00			291,954.25

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 2018	Jun 2018	107,000	2.0032	214,340.00		214,340.00	214,340.00	0.00			
Commodity - Transportation	May 2018	Jun 2018		0.0000		145,630.44	145,630.44	145,630.44	0.00			
Firm Transportation - Storage (17004)	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	(95,548)	(195,945.53)	
Storage Transportation	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	0	(315.31)	
Storage Withdrawals	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	1,577	3,506.77	
Aggregator Cashouts	May 2018	Jun 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	May 2018	Jun 2018	0.00	0.0000		(2,153.27)	(2,153.27)	(2,153.27)	0.00			
Hedging - Settlement & Commission	May 2018	Jun 2018		0.0000			0.00	0.00	0.00			165,063.10
Purchases -	Jun 2018	Jul 2018	75,000	2.0190	151,425.00		151,425.00	151,425.00	0.00			
Commodity - Transportation	Jun 2018	Jul 2018		0.0000		145,094.88	145,094.88	145,094.88	0.00			
Firm Transportation - Storage (17004)	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	(62,883)	(130,968.60)	
Storage Transportation	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	0	(207.51)	
Storage Withdrawals	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Jun 2018	Jul 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jun 2018	Jul 2018	0.00	0.0000		1,341.73	1,341.73	1,341.73	0.00			
Hedging - Settlement & Commission	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00			166,685.50
Purchases -	Jul 2018	Aug 2018	82,000	2.1597	177,095.00		177,095.00	177,095.00	0.00			
Commodity - Transportation	Jul 2018	Aug 2018		0.0000		145,225.13	145,225.13	145,225.13	0.00			
Firm Transportation - Storage (17004)	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	(68,565)	(152,661.99)	
Storage Transportation	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	0	(226.26)	
Storage Withdrawals	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	1,871	4,148.19	
Aggregator Cashouts	Jul 2018	Aug 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jul 2018	Aug 2018	0.00	0.0000		(10,487.23)	(10,487.23)	(10,487.23)	0.00			
Hedging - Settlement & Commission	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00			163,092.84
Purchases -	Aug 2018	Sep 2018	102,000	2.2431	228,800.00		228,800.00	228,800.00	0.00			
Commodity - Transportation	Aug 2018	Sep 2018		0.0000		145,761.78	145,761.78	145,761.78	0.00			
Firm Transportation - Storage (17004)	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	(89,591)	(207,391.32)	
Storage Transportation	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Aug 2018	Sep 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Aug 2018	Sep 2018	0.00	0.0000		(1,276.56)	(1,276.56)	(1,276.56)	0.00			
Hedging - Settlement & Commission	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00			165,893.90
			809,500.00		1,781,467.50	1,898,125.90	3,679,593.40	3,679,593.40	0.00	108,074	481,251.67	4,160,845.07

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 2017	Oct 2017	30,000	2.6300	78,900.00		78,900.00	78,900.00	0.00			
Commodity - Transportation (123147)	Sep 2017	Oct 2017		0.0000		10,002.44	10,002.44	10,002.44	0.00			
Commodity - Transportation (123148)	Sep 2017	Oct 2017		0.0000		24,219.26	24,219.26	24,219.26	0.00			
Firm Transportation - Cheyenne Plains	Sep 2017	Oct 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	(12,076)	(32,555.43)	
Storage Transportation	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00	4,336	11,917.50	
LV Cashouts	Sep 2017	Oct 2017	0	0.0000		0.00	0.00	0.00	0.00			
Aggregator Cashouts	Sep 2017	Oct 2017	0	0.0000		1,072.38	1,072.38	1,072.38	0.00			
Hedging - Settlement & Commission	Sep 2017	Oct 2017		0.0000			0.00	0.00	0.00			93,556.15
Purchases	Oct 2017	Nov 2017	35,000	2.6375	92,312.50		92,312.50	92,312.50	0.00			
Commodity - Transportation (123147)	Oct 2017	Nov 2017		0.0000		19,917.10	19,917.10	19,917.10	0.00			
Commodity - Transportation (123148)	Oct 2017	Nov 2017		0.0000		19,990.10	19,990.10	19,990.10	0.00			
Firm Transportation - Cheyenne Plains	Oct 2017	Nov 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	(19,732)	(53,350.26)	
Storage Transportation	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00	16,930	46,542.26	
LV Cashouts	Oct 2017	Nov 2017	0	0.0000		(2,017.66)	(2,017.66)	(2,017.66)	0.00			
Aggregator Cashouts	Oct 2017	Nov 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Oct 2017	Nov 2017		0.0000			0.00	0.00	0.00			123,394.04
Purchases	Nov 2017	Dec 2017	28,889	2.5635	74,056.12		74,056.12	74,056.12	0.00			
Commodity - Transportation (123147)	Nov 2017	Dec 2017		0.0000		18,149.01	18,149.01	18,149.01	0.00			
Commodity - Transportation (123148)	Nov 2017	Dec 2017		0.0000		14,787.73	14,787.73	14,787.73	0.00			
Firm Transportation - Cheyenne Plains	Nov 2017	Dec 2017		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	(15,425)	(40,557.35)	
Storage Transportation	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00	48,759	133,804.45	
LV Cashouts	Nov 2017	Dec 2017	0	0.0000		(2,510.69)	(2,510.69)	(2,510.69)	0.00			
Aggregator Cashouts	Nov 2017	Dec 2017	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Nov 2017	Dec 2017		0.0000			0.00	0.00	0.00			197,729.27
Purchases	Dec 2017	Jan 2018	8,000	2.9150	23,320.00		23,320.00	23,320.00	0.00			
Commodity - Transportation (123147)	Dec 2017	Jan 2018		0.0000		5,105.04	5,105.04	5,105.04	0.00			
Commodity - Transportation (123148)	Dec 2017	Jan 2018		0.0000		3,996.76	3,996.76	3,996.76	0.00			
Firm Transportation - Cheyenne Plains	Dec 2017	Jan 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00	98,804	271,137.94	
LV Cashouts	Dec 2017	Jan 2018	0	0.0000		(14,288.14)	(14,288.14)	(14,288.14)	0.00			
Aggregator Cashouts	Dec 2017	Jan 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Dec 2017	Jan 2018		0.0000			0.00	0.00	0.00			289,271.60

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 2018	Feb 2018	15,000	3.6700	55,050.00		55,050.00	55,050.00	0.00			
Commodity - Transportation (123147)	Jan 2018	Feb 2018		0.0000		8,512.27	8,512.27	8,512.27	0.00			
Commodity - Transportation (123148)	Jan 2018	Feb 2018		0.0000		8,564.49	8,564.49	8,564.49	0.00			
Firm Transportation - Cheyenne Plains	Jan 2018	Feb 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00	116,153	318,758.68	
LV Cashouts	Jan 2018	Feb 2018	0	0.0000		(25,383.72)	(25,383.72)	(25,383.72)	0.00			
Aggregator Cashouts	Jan 2018	Feb 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jan 2018	Feb 2018		0.0000			0.00	0.00	0.00			365,501.72
Purchases	Feb 2018	Mar 2018	61,427	2.3328	143,295.22		143,295.22	143,295.22	0.00			
Commodity - Transportation (123147)	Feb 2018	Mar 2018		0.0000		38,784.33	38,784.33	38,784.33	0.00			
Commodity - Transportation (123148)	Feb 2018	Mar 2018		0.0000		31,140.07	31,140.07	31,140.07	0.00			
Firm Transportation - Cheyenne Plains	Feb 2018	Mar 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	(7,705)	(18,475.46)	
Storage Transportation	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00	51,969	141,459.62	
LV Cashouts	Feb 2018	Mar 2018	0	0.0000		(4,338.11)	(4,338.11)	(4,338.11)	0.00			
Aggregator Cashouts	Feb 2018	Mar 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Feb 2018	Mar 2018		0.0000			0.00	0.00	0.00			331,865.67
Purchases	Mar 2018	Apr 2018	30,772	2.1055	64,789.84		64,789.84	64,789.84	0.00			
Commodity - Transportation (123147)	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Mar 2018	Apr 2018		0.0000		35,016.18	35,016.18	35,016.18	0.00			
Firm Transportation - Cheyenne Plains	Mar 2018	Apr 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	(10,747)	(23,889.16)	
Storage Transportation	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	0	(125.74)	
Storage Withdrawals	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00	50,942	135,296.86	
LV Cashouts	Mar 2018	Apr 2018	0	0.0000		99.01	99.01	99.01	0.00			
Aggregator Cashouts	Mar 2018	Apr 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Mar 2018	Apr 2018		0.0000			0.00	0.00	0.00			211,186.99
Purchases	Apr 2018	May 2018	89,952	2.0539	184,751.90		184,751.90	184,751.90	0.00			
Commodity - Transportation (123147)	Apr 2018	May 2018		0.0000		101,037.39	101,037.39	101,037.39	0.00			
Commodity - Transportation (123148)	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Apr 2018	May 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	(41,991)	(92,277.62)	
Storage Transportation	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	0	(201.55)	
Storage Withdrawals	Apr 2018	May 2018		0.0000			0.00	0.00	0.00	15,728	42,086.56	
LV Cashouts	Apr 2018	May 2018	0	0.0000		(6,119.25)	(6,119.25)	(6,119.25)	0.00			
Aggregator Cashouts	Apr 2018	May 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Apr 2018	May 2018		0.0000			0.00	0.00	0.00			229,277.43

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 2018	Jun 2018	82,800	2.0723	171,584.25		171,584.25	171,584.25	0.00			
Commodity - Transportation (123147)	May 2018	Jun 2018		0.0000		92,760.04	92,760.04	92,760.04	0.00			
Commodity - Transportation (123148)	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	May 2018	Jun 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	(70.861)	(160,281.73)	
Storage Transportation	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	0	(340.14)	
Storage Withdrawals	May 2018	Jun 2018		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	May 2018	Jun 2018	0	0.0000		2,022.62	2,022.62	2,022.62	0.00			
Aggregator Cashouts	May 2018	Jun 2018	0	0.0000			0.00	0.00	0.00			
Hedging - Settlement & Commission	May 2018	Jun 2018		0.0000			0.00	0.00	0.00			105,745.04
Purchases	Jun 2018	Jul 2018	63,000	2.1757	137,070.00		137,070.00	137,070.00	0.00			
Commodity - Transportation (123147)	Jun 2018	Jul 2018		0.0000		70,585.68	70,585.68	70,585.68	0.00			
Commodity - Transportation (123148)	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jun 2018	Jul 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	(52,347)	(121,722.03)	
Storage Transportation	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	0	(251.26)	
Storage Withdrawals	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	Jun 2018	Jul 2018	0	0.0000		(337.79)	(337.79)	(337.79)	0.00			
Aggregator Cashouts	Jun 2018	Jul 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jun 2018	Jul 2018		0.0000			0.00	0.00	0.00			85,344.60
Purchases	Jul 2018	Aug 2018	63,800	2.2793	145,419.50		145,419.50	145,419.50	0.00			
Commodity - Transportation (123147)	Jul 2018	Aug 2018		0.0000		71,486.80	71,486.80	71,486.80	0.00			
Commodity - Transportation (123148)	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jul 2018	Aug 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	(54,641)	(132,951.27)	
Storage Transportation	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	0	(262.28)	
Storage Withdrawals	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00	2,435	5,984.99	
LV Cashouts	Jul 2018	Aug 2018	0	0.0000		(1,958.09)	(1,958.09)	(1,958.09)	0.00			
Aggregator Cashouts	Jul 2018	Aug 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jul 2018	Aug 2018		0.0000			0.00	0.00	0.00			87,719.65
Purchases	Aug 2018	Sep 2018	75,800	2.3632	179,128.50		179,128.50	179,128.50	0.00			
Commodity - Transportation (123147)	Aug 2018	Sep 2018		0.0000		85,014.44	85,014.44	85,014.44	0.00			
Commodity - Transportation (123148)	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Aug 2018	Sep 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	(63,031)	(159,183.95)	
Storage Transportation	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00	121	299.22	
LV Cashouts	Aug 2018	Sep 2018	0	0.0000		(93.57)	(93.57)	(93.57)	0.00			
Aggregator Cashouts	Aug 2018	Sep 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Aug 2018	Sep 2018		0.0000			0.00	0.00	0.00			105,164.64
			584,440.00		1,349,677.83	605,216.12	1,954,893.95	1,954,893.95	0.00	57,621	270,862.85	2,225,756.80

Empire District Gas Company
ACA Filing Period Ending August 2018

Record of Recovery for Enclosure 4 - Schedule 4R

North System

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Dly Imbal	Dly Bal Srv Fee	Mthly Bal Srv Fee	Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Aggr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
Residential	9/17	22,975.68	0.00	3,227.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,788	5,379	26,203.10
	10/17	23,580.75	0.00	3,312.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55,205	5,521	26,893.12
	11/17	74,020.34	0.00	10,326.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	173,433	17,344	84,346.55
	12/17	255,173.25	0.00	38,134.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	601,586	60,159	293,307.96
	1/18	395,363.81	0.00	79,368.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	886,417	88,642	474,731.86
	2/18	580,870.09	0.00	116,909.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,301,819	130,182	697,779.17
	3/18	457,962.35	0.00	92,183.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,025,418	102,542	550,176.21
	4/18	326,025.54	0.00	65,614.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	730,660	73,069	391,638.37
	5/18	263,149.85	0.00	52,966.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	589,763	58,976	316,116.17
	6/18	30,006.07	0.00	6,050.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67,264	6,726	36,056.37
	7/18	24,160.67	0.00	4,832.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54,165	5,417	29,033.96
	8/18	24,332.30	0.00	4,907.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54,552	5,455	29,240.21
	TOTAL	2,477,650.70	0.00	477,872.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,594,810	559,481	2,955,523.05

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Dly Imbal	Dly Bal Srv Fee	Mthly Bal Srv Fee	Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Aggr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
Commercial Sm Comm, Res, LV	9/17	25,460.87	0.00	3,582.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59,620	5,962	29,043.03
	10/17	29,983.26	0.00	4,218.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70,209	7,021	34,201.79
	11/17	42,793.77	0.00	6,019.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100,196	10,020	48,909.69
	12/17	117,818.71	0.00	17,488.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277,548	27,755	135,307.55
	1/18	168,421.76	0.00	33,796.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377,628	37,763	202,218.57
	2/18	262,487.01	0.00	52,832.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	588,272	58,827	315,319.77
	3/18	202,059.79	0.00	40,550.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	453,162	45,318	242,710.62
	5/18	139,741.78	0.00	28,126.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	313,182	31,318	167,868.63
	6/18	111,347.90	0.00	22,411.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	249,547	24,955	133,759.87
	7/18	27,318.54	0.00	5,499.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61,226	6,123	32,817.86
	8/18	23,896.32	0.00	4,810.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,662	5,366	28,710.91
	TOTAL	1,175,505.77	0.00	224,305.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,658,357	265,836	1,399,811.70

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Dly Imbal	Dly Bal Srv Fee	Mthly Bal Srv Fee	Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Aggr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
Industrial SV, Sm Comm, LV	9/17	432.99	0.00	60.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,014	101	493.91
	10/17	430.25	0.00	60.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,009	101	491.51
	11/17	746.68	0.00	105.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,748	175	851.74
	12/17	3,135.40	0.00	441.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,342	734	3,576.58
	1/18	4,858.35	0.00	937.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,440	1,044	5,995.97
	2/18	6,230.29	0.00	1,255.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,969	1,397	7,495.13
	3/18	4,988.19	0.00	969.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,793	1,079	5,957.49
	5/18	3,708.56	0.00	746.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,312	831	4,455.01
	6/18	3,063.85	0.00	620.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,911	691	3,704.56
	7/18	432.35	0.00	87.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	969	97	519.37
	8/18	477.11	0.00	96.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,069	107	573.14
	TOTAL	28,848.31	0.00	5,481.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,222	1,122	601.43
	TOTAL	28,848.31	0.00	5,481.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,222	1,122	601.43

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Dly Imbal	Dly Bal Srv Fee	Mthly Bal Srv Fee	Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Aggr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
Municipal Bldgs Sm Comm, SV	9/17	273.49	0.00	38.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	640	64	311.96
	10/17	483.74	0.00	68.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,133	113	551.79
	11/17	1,389.77	0.00	195.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,254	325	1,585.29
	12/17	4,989.65	0.00	702.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,584	1,158	5,691.74
	1/18	7,450.18	0.00	1,495.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,704	1,670	8,945.50
	2/18	10,567.37	0.00	2,126.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,683	2,368	12,694.34
	3/18	8,378.59	0.00	1,686.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18,778	1,878	10,065.05
	5/18	6,270.86	0.00	1,252.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,054	1,405	7,533.08
	6/18	5,141.16	0.00	1,034.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,522	1,152	6,175.97
	7/18	472.60	0.00	95.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,059	106	567.76
	8/18	90.33	0.00	20.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223	22	119.05
	TOTAL	45,888.00	0.00	8,758.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103,111	10,311	54,443.97

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Dly Imbal	Dly Bal Srv Fee	Mthly Bal Srv Fee	Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Aggr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
SV Transport Comm Firm, Ind Firm	9/17	0.00	0.00	73.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,220	2,022	73.24
	10/17	0.00	0.00	75.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,527	1,953	75.61
	11/17	0.00	0.00	102.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32,609	3,261	102.55

**Empire District Gas Company
ACA Carrying Cost
2017-2018 ACA Year Ending 8/31/18
South System**

Usage Month Accounting Month	Aug-17	Sep-17 Nov-17	Oct-17 Dec-17	Nov-17 Jan-18	Dec-17 Feb-18	Jan-18 Mar-18	Feb-18 Apr-18	Mar-18 May-18	Apr-18 Jun-18	May-18 Jul-18	Jun-18 Aug-18	Jul-18 Sep-18	Aug-18 Oct-18	Total
Firm ACA Recovery Balance - Under/(Over)	\$ 1,026,711.77	\$ 1,376,853.23	\$ 1,890,768.26	\$ 2,510,064.70	\$ 2,958,698.04	\$ 2,958,320.23	\$ 1,276,549.60	\$ (71,007.53)	\$ (824,126.94)	\$ (1,704,977.62)	\$ (1,479,281.68)	\$ (1,162,668.22)	\$ (830,541.99)	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		4.25%	4.25%	4.25%	4.50%	4.50%	4.50%	4.75%	4.75%	4.75%	5.00%	5.00%	5.00%	
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		2.25%	2.25%	2.25%	2.50%	2.50%	2.50%	2.75%	2.75%	2.75%	3.00%	3.00%	3.00%	
Interest credited to Customers on Firm Over Recovered Balance									\$ (1,025.67)	\$ (2,994.53)	\$ (3,980.32)	\$ (3,412.52)	\$ (2,574.56)	\$ (13,987.61)
Interest credited to EDG on Firm Under Recovered Balance		\$ 2,253.34	\$ 3,165.51	\$ 4,125.78	\$ 5,886.52	\$ 6,369.01	\$ 4,117.23	\$ 1,427.40						\$ 27,344.79
														\$ 13,357.18
Interest credited to Customers on Interrupt. Over Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Grand Total **\$ 13,357.18**

**Empire District Gas Company
ACA Carrying Cost
2017-2018 ACA Year Ending 8/31/18
North System**

Accounting Month	Usage Month	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Dec-17</u>	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	Total
		Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18		
Firm ACA Recovery Balance - Under/(Over)	\$	726,844.36	\$ 842,458.75	\$ 1,014,087.37	\$ 1,282,812.25	\$ 1,453,103.16	\$ 1,448,592.01	\$ 981,191.84	\$ 642,606.48	\$ 357,679.01	\$ 56,412.56	\$ 149,091.09	\$ 249,852.77	\$ 353,897.72	
Interruptible ACA Recovery Balance - Under/(Over)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		4.25%	4.25%	4.25%	4.50%	4.50%	4.50%	4.75%	4.75%	4.75%	5.00%	5.00%	5.00%	5.00%	
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%	-2.00%	
Interest Rate per Tariff		2.25%	2.25%	2.25%	2.50%	2.50%	2.50%	2.75%	2.75%	2.75%	3.00%	3.00%	3.00%	3.00%	
Interest credited to Customers on Firm Over Recovered Balance															\$ -
Interest credited to EDG on Firm Under Recovered Balance	\$	1,471.22	\$ 1,798.53	\$ 2,153.34	\$ 2,944.91	\$ 3,123.35	\$ 2,362.29	\$ 1,922.62	\$ 1,146.16	\$ 490.30	\$ 256.88	\$ 515.30	\$ 779.84	\$ 18,964.75	\$ 18,964.75
Interest credited to Customers on Interrupt. Over Recovered Balance	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Grand Total \$ 18,964.75

**Empire District Gas Company
ACA Carrying Cost
2017-2018 ACA Year Ending 8/31/18
Northwest System**

Usage Month	Aug-17	Sep-17 Nov-17	Oct-17 Dec-17	Nov-17 Jan-18	Dec-17 Feb-18	Jan-18 Mar-18	Feb-18 Apr-18	Mar-18 May-18	Apr-18 Jun-18	May-18 Jul-18	Jun-18 Aug-18	Jul-18 Sep-18	Aug-18 Oct-18	Total
Firm ACA Recovery Balance - Under/(Over)	\$ (275,527.24)	\$ (210,338.24)	\$ (151,058.68)	\$ (57,273.43)	\$ 10,972.14	\$ 71,450.12	\$ (71,758.58)	\$ (225,433.74)	\$ (245,317.70)	\$ (360,414.49)	\$ (308,034.43)	\$ (249,577.65)	\$ (173,864.89)	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		4.25%	4.25%	4.25%	4.50%	4.50%	4.50%	4.75%	4.75%	4.75%	5.00%	5.00%	5.00%	
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		2.25%	2.25%	2.25%	2.50%	2.50%	2.50%	2.75%	2.75%	2.75%	3.00%	3.00%	3.00%	
Interest credited to Customers on Firm Over Recovered Balance		\$ (455.50)	\$ (350.10)	\$ (195.31)	\$ (49.84)		\$ (0.30)	\$ (351.88)	\$ (539.40)	\$ (717.20)	\$ (835.56)	\$ (720.25)	\$ (546.95)	\$ (4,762.30)
Interest credited to EDG on Firm Under Recovered Balance						\$ 88.72								\$ 88.72
														\$ (4,673.58)
Interest credited to Customers on Interrupt. Over Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest credited to EDG on Interrupt. Under Recovered Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Grand Total \$ (4,673.58)

ACA Filing Period Ending August 2018

Empire District Gas Company South System 2018-2019 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)
11/17	5.6661	11/18	3.9846	-1.6815	(\$294,264)
12/17	5.6661	12/18	3.9846	-1.6815	(\$536,837)
01/18	5.6661	01/19	3.9846	-1.6815	(\$592,349)
02/18	5.6661	02/19	3.9846	-1.6815	(\$441,491)
03/18	5.6661	03/19	3.9846	-1.6815	(\$354,651)

Estimated Winter Season Change in Revenue (\$2,219,593)

Percent Change Between PGA/ACA Factors -29.68%

Residential Sales Volume Forecast 1,627,639

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-18	6.99	10.75%	175,001
Dec-18	12.57	19.61%	319,261
Jan-19	13.86	21.64%	352,274
Feb-19	10.33	16.13%	262,558
Mar-19	8.32	12.96%	210,914
Apr-19	3.98	6.12%	99,624
May-19	1.49	2.26%	36,834
Jun-19	1.06	1.60%	26,097
Jul-19	0.89	1.34%	21,744
Aug-19	0.95	1.43%	23,225
Sep-19	1.24	1.86%	30,285
Oct-19	2.82	4.29%	69,822
TOTAL	64.49	100%	1,627,639

ACA Filing Period Ending August 2018

Empire District Gas Company North System

2018-2019 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)
11/17	5.3601	11/18	4.5425	(0.8176)	(\$50,233)
12/17	5.3601	12/18	4.5425	(0.8176)	(\$86,131)
01/18	5.3601	01/19	4.5425	(0.8176)	(\$99,898)
02/18	5.3601	02/19	4.5425	(0.8176)	(\$77,550)
03/18	5.3601	03/19	4.5425	(0.8176)	(\$57,460)

Estimated Winter Season Change in Revenue **(\$371,271)**

Percent Change Between PGA/ACA Factors **-15.25%**

Residential Sales Volume Forecast 545,513

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-18	7.71	11.26%	61,439
Dec-18	12.94	19.31%	105,346
Jan-19	14.99	22.40%	122,184
Feb-19	11.62	17.39%	94,851
Mar-19	8.62	12.88%	70,279
Apr-19	4.49	6.62%	36,131
May-19	1.60	2.30%	12,569
Jun-19	0.47	0.67%	3,663
Jul-19	0.58	0.81%	4,417
Aug-19	0.80	1.12%	6,096
Sep-19	0.99	1.39%	7,577
Oct-19	2.68	3.84%	20,961
TOTAL	67.47	100%	545,513

ACA Filing Period Ending August 2018

Empire District Gas Company Northwest System 2018-2019 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)
11/17	3.5333	11/18	3.3903	(0.1430)	(\$5,476)
12/17	3.5333	12/18	3.3903	(0.1430)	(\$9,271)
01/18	3.5333	01/19	3.3903	(0.1430)	(\$10,986)
02/18	3.5333	02/19	3.3903	(0.1430)	(\$7,878)
03/18	3.5333	03/19	3.3903	(0.1430)	(\$6,369)

Estimated Winter Season Change in Revenue (\$39,981)

Percent Change Between PGA/ACA Factors -4.05%

Residential Sales Volume Forecast 341,343

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Nov-18	8.02	11.22%	38,294
Dec-18	13.41	18.99%	64,835
Jan-19	15.79	22.51%	76,827
Feb-19	11.33	16.14%	55,093
Mar-19	9.15	13.05%	44,539
Apr-19	4.44	6.23%	21,255
May-19	1.88	2.60%	8,890
Jun-19	1.34	1.83%	6,262
Jul-19	0.58	0.78%	2,679
Aug-19	0.50	0.68%	2,336
Sep-19	1.55	2.12%	7,241
Oct-19	2.76	3.84%	13,093
TOTAL	70.75	100%	341,343

**Empire District Gas Company
ACA Filing Period Ending August 2018**

**Schedule 9 - Analysis of Change in Overall PGA Rates per CCF
2017-2018 ACA Year Ending 8/31/18**

	South System				North System				Northwest System			
	Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change	
			\$	%			\$	%			\$	%
Transportation & Storage	\$ 0.24443	\$ 0.18207	\$ (0.06236)	-25.5%	\$ 0.17604	\$ 0.17465	\$ (0.00139)	-0.8%	\$ 0.12076	\$ 0.12143	\$ 0.00067	0.6%
Gas Cost	\$ 0.27841	\$ 0.25109	\$ (0.02732)	-9.8%	\$ 0.27016	\$ 0.23405	\$ (0.03611)	-13.4%	\$ 0.28148	\$ 0.24888	\$ (0.03260)	-11.6%
PGA	\$ 0.52284	\$ 0.43316	\$ (0.08968)	-17.2%	\$ 0.44620	\$ 0.40870	\$ (0.03750)	-8.4%	\$ 0.40224	\$ 0.37031	\$ (0.03193)	-7.9%
ACA	\$ 0.04377	\$ (0.03470)	\$ (0.07847)	-179.3%	\$ 0.08981	\$ 0.04555	\$ (0.04426)	-49.3%	\$ (0.04891)	\$ (0.03128)	\$ 0.01763	-36.0%
Total Rate	\$ 0.56661	\$ 0.39846	\$ (0.16815)	-29.7%	\$ 0.53601	\$ 0.45425	\$ (0.08176)	-15.3%	\$ 0.35333	\$ 0.33903	\$ (0.01430)	-4.0%