

Empire District Gas Company
ACA Filing Period Ending: Aug-19
Gas Forecast Period Starting Nov-19
South System
Firm Transportation & Storage Costs

Year
 2019 ▼

System Volumes	Volume
Wellhead Purchases	2,447,013
Burnertip Sales	2,386,710

TSS-557 Transportation Charges	Capacity	Days	Rate	Annual Cost	/DthWH	/McfBT
Demand Charges						
Reservation - FTS Production	14,199	366	\$0.2054	\$ 1,067,430	\$ 0.4362	\$ 0.4472
Reservation - FTS Market	42,000	366	\$0.1462	\$ 2,247,386	\$ 0.9184	\$ 0.9416
Capacity Release Production				\$ (51,439)	\$ (0.0210)	\$ (0.0216)
Capacity Release Market				\$ (36,613)	\$ (0.0150)	\$ (0.0153)
Total Demand Charges				\$ 3,226,764	\$ 1.3187	\$ 1.3520
Commodity Charges				\$ 58,804	\$ 0.0240	\$ 0.0246
Total Transportation Charges				\$ 3,285,568	\$ 1.3427	\$ 1.3766

TSS-557 Storage Demand Charges	Volume	Annual Vol.	Rate	Annual Cost	/DthWH	/McfBT
Reservation Capacity - Storage (REC) (Max Stg Qty) * (Days in Year) * Rate * 0.5	905,916	165,782,628	\$0.0017	\$ 281,830	\$ 0.1152	\$ 0.1181
Reservation Deliverability - Storage (RED) (Max Withdrawal Qty) * (Days in Year) * Rate	27,452	10,047,432	\$0.0325	\$ 326,542	\$ 0.1334	\$ 0.1368
Total Storage Demand Charges				\$ 608,372	\$ 0.2486	\$ 0.2549
Total Transportation & Storage Charges				\$ 3,893,940	\$ 1.5913	\$ 1.6315
Natural Gas Purchases				\$ 4,869,497	\$ 1.9900	\$ 2.0403
Total Gas Cost				\$ 8,763,437	\$ 3.5813	\$ 3.6718

SWAPS
CONFIDENTIAL PURSUANT TO 20
CSR 440-2. 135(2)(A)4

Enclosure 1
Page 3 of 7

ENCLOSURE 1 PAGE 3 IS
CONFIDENTIAL IN ITS ENTIRETY

SWAPS
CONFIDENTIAL PURSUANT TO 20
CSR 440-2. 135(2)(A)4

Enclosure 1
Page 4 of 7

ENCLOSURE 1 PAGE 4 IS
CONFIDENTIAL IN ITS ENTIRETY

OPTIONS
CONFIDENTIAL PURSUANT TO 20 CSR 4240-2.135(2)(A)4

Enclosure 1
Page 5 of 7

ENCLOSURE 1 PAGE 5 IS
CONFIDENTIAL IN ITS ENTIRETY

OPTIONS
CONFIDENTIAL PURSUANT TO 20 CSR 4240-2.135(2)(A)4

Enclosure 1
Page 6 of 7

ENCLOSURE 1 PAGE 6 IS
CONFIDENTIAL IN ITS ENTIRETY

PRICES FORWARD

Month	NYMEX	SSCBasis	PEBasis	ANRBasis	IFERC-SSC	IFERC-PE	IFERC-ANR	Notes
Nov-19	\$2.282	(\$0.368)	(\$0.475)	(\$0.355)	\$1.915	\$1.807	\$1.927	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Dec-19	\$2.427	(\$0.233)	(\$0.330)	(\$0.205)	\$2.195	\$2.097	\$2.222	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jan-20	\$2.532	(\$0.240)	(\$0.318)	(\$0.188)	\$2.292	\$2.215	\$2.345	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Feb-20	\$2.499	(\$0.263)	(\$0.348)	(\$0.233)	\$2.237	\$2.152	\$2.267	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Mar-20	\$2.405	(\$0.378)	(\$0.438)	(\$0.335)	\$2.028	\$1.968	\$2.070	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Apr-20	\$2.232	(\$0.500)	(\$0.548)	(\$0.475)	\$1.732	\$1.685	\$1.757	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
May-20	\$2.224	(\$0.520)	(\$0.585)	(\$0.510)	\$1.704	\$1.639	\$1.714	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jun-20	\$2.268	(\$0.505)	(\$0.573)	(\$0.493)	\$1.763	\$1.696	\$1.776	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jul-20	\$2.316	(\$0.410)	(\$0.468)	(\$0.438)	\$1.906	\$1.849	\$1.879	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Aug-20	\$2.328	(\$0.405)	(\$0.475)	(\$0.433)	\$1.923	\$1.853	\$1.896	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Sep-20	\$2.314	(\$0.480)	(\$0.543)	(\$0.520)	\$1.834	\$1.772	\$1.794	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Oct-20	\$2.343	(\$0.535)	(\$0.595)	(\$0.548)	\$1.808	\$1.748	\$1.796	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019

Empire District Gas Company
ACA Filing Period Ending: Aug-19
Gas Forecast Period Starting Nov-19
North System
Firm Transportation & Storage Costs

2019

System Volumes	Volume
Wellhead Purchases	860,093
Burnertip Sales	826,830

17005 Transportation Charges	Capacity	Months	Rate	Annual Cost	/DthWH	/McfBT
Demand Charges						
Summer Field Zone	6,000	7	\$ 4.7300	\$ 198,660	\$ 0.2310	\$ 0.2403
Summer Market Zone Access	6,000	7	\$ 3.3000	\$ 138,600	\$ 0.1611	\$ 0.1676
Summer Market Zone	6,000	7	\$ 1.8000	\$ 75,600	\$ 0.0879	\$ 0.0914
Winter Field Zone	6,000	5	\$ 4.7300	\$ 141,900	\$ 0.1650	\$ 0.1716
Winter Market Zone Access	14,500	5	\$ 3.3000	\$ 239,250	\$ 0.2782	\$ 0.2894
Winter Market Zone	14,500	5	\$ 1.8000	\$ 130,500	\$ 0.1517	\$ 0.1578
Capacity Release				\$ (33,914)	\$ (0.0394)	\$ (0.0410)
Total Demand Charges				\$ 890,596	\$ 1.0355	\$ 1.0771
Commodity Charges				\$ 13,362	\$ 0.0155	\$ 0.0162
Total Transportation Charges				\$ 903,958	\$ 1.0510	\$ 1.0933

17004 Storage Charges	Volume	Months	Rate	Annual Cost	/DthWH	/McfBT
Demand Charges						
Field Zone Capacity	50,000	12	\$ 0.4028	\$ 241,680	\$ 0.2810	\$ 0.2923
Field Zone Summer Deliverability	3,000	7	\$ 3.3500	\$ 70,350	\$ 0.0818	\$ 0.0851
Field Zone Winter Deliverability	12,000	5	\$ 3.3500	\$ 201,000	\$ 0.2337	\$ 0.2431
Total Storage Demand Charges				\$ 513,030	\$ 0.5965	\$ 0.6205
Commodity Charges						
Storage Withdrawal Charge	540,000		\$ 0.0033	\$ 1,782	\$ 0.0021	\$ 0.0022
Total Storage Charges				\$ 514,812	\$ 0.5986	\$ 0.6226
Total Transportation & Storage Charges				\$ 1,418,770	\$ 1.6496	\$ 1.7159
Natural Gas Purchases				\$ 1,565,555	\$ 1.8202	\$ 1.8934
Total Gas Cost				\$ 2,984,325	\$ 3.4698	\$ 3.6094

PRICES FORWARD

Month	NYMEX	SSCBasis	PEBasis	ANRBasis	IFERC-SSC	IFERC-PE	IFERC-ANR	Notes
Nov-19	\$2.282	(\$0.368)	(\$0.475)	(\$0.355)	\$1.915	\$1.807	\$1.927	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Dec-19	\$2.427	(\$0.233)	(\$0.330)	(\$0.205)	\$2.195	\$2.097	\$2.222	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jan-20	\$2.532	(\$0.240)	(\$0.318)	(\$0.188)	\$2.292	\$2.215	\$2.345	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Feb-20	\$2.499	(\$0.263)	(\$0.348)	(\$0.233)	\$2.237	\$2.152	\$2.267	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Mar-20	\$2.405	(\$0.378)	(\$0.438)	(\$0.335)	\$2.028	\$1.968	\$2.070	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Apr-20	\$2.232	(\$0.500)	(\$0.548)	(\$0.475)	\$1.732	\$1.685	\$1.757	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
May-20	\$2.224	(\$0.520)	(\$0.585)	(\$0.510)	\$1.704	\$1.639	\$1.714	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jun-20	\$2.268	(\$0.505)	(\$0.573)	(\$0.493)	\$1.763	\$1.696	\$1.776	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jul-20	\$2.316	(\$0.410)	(\$0.468)	(\$0.438)	\$1.906	\$1.849	\$1.879	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Aug-20	\$2.328	(\$0.405)	(\$0.475)	(\$0.433)	\$1.923	\$1.853	\$1.896	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Sep-20	\$2.314	(\$0.480)	(\$0.543)	(\$0.520)	\$1.834	\$1.772	\$1.794	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Oct-20	\$2.343	(\$0.535)	(\$0.595)	(\$0.548)	\$1.808	\$1.748	\$1.796	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019

Empire District Gas Company
ACA Filing Period Ending: Aug-19
Gas Forecast Period Starting Nov-19
Northwest System
Transportation & Storage Costs

Year
2019 ▼

Enclosure 3
Page 1 of 3

System Volumes	Volume
Wellhead Purchases	604,183
Burnertip Sales	577,428

Transportation & Storage Charges	Volume	Rate	Annual Cost	/DthWH	/McfBT
Transport Charge-STS SW Area	604,183	\$1.1596	\$ 700,611	\$ 1.1596	\$ 1.2133
Deferred Transportation Cost Adj - STS (All Segments)	604,183	\$0.0000	\$ -	\$ -	\$ -
Cashout Surcharge - CS	604,183	\$0.0000	\$ -	\$ -	\$ -
Cashout Negative Surcharge - CNS	604,183	(\$0.0002)	\$ (121)	\$ (0.0002)	\$ (0.0002)
Annual Charge Adjustment	604,183	\$0.0013	\$ 785	\$ 0.0013	\$ 0.0014
Total Transportation & Storage Charges	604,183	\$ 1.1607	\$ 701,275	\$ 1.1607	\$ 1.2145
Natural Gas Purchases			\$ 1,222,482	\$ 2.0234	\$ 2.1171
Total Gas Cost			\$ 1,923,757	\$ 3.1841	\$ 3.3316

PRICES FORWARD

Month	NYMEX	SSCBasis	PEBasis	ANRBasis	IFERC-SSC	IFERC-PE	IFERC-ANR	Notes
Nov-19	\$2.282	(\$0.368)	(\$0.475)	(\$0.355)	\$1.915	\$1.807	\$1.927	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Dec-19	\$2.427	(\$0.233)	(\$0.330)	(\$0.205)	\$2.195	\$2.097	\$2.222	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jan-20	\$2.532	(\$0.240)	(\$0.318)	(\$0.188)	\$2.292	\$2.215	\$2.345	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Feb-20	\$2.499	(\$0.263)	(\$0.348)	(\$0.233)	\$2.237	\$2.152	\$2.267	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Mar-20	\$2.405	(\$0.378)	(\$0.438)	(\$0.335)	\$2.028	\$1.968	\$2.070	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Apr-20	\$2.232	(\$0.500)	(\$0.548)	(\$0.475)	\$1.732	\$1.685	\$1.757	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
May-20	\$2.224	(\$0.520)	(\$0.585)	(\$0.510)	\$1.704	\$1.639	\$1.714	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jun-20	\$2.268	(\$0.505)	(\$0.573)	(\$0.493)	\$1.763	\$1.696	\$1.776	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Jul-20	\$2.316	(\$0.410)	(\$0.468)	(\$0.438)	\$1.906	\$1.849	\$1.879	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Aug-20	\$2.328	(\$0.405)	(\$0.475)	(\$0.433)	\$1.923	\$1.853	\$1.896	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Sep-20	\$2.314	(\$0.480)	(\$0.543)	(\$0.520)	\$1.834	\$1.772	\$1.794	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019
Oct-20	\$2.343	(\$0.535)	(\$0.595)	(\$0.548)	\$1.808	\$1.748	\$1.796	Agreed NYMEX and pipeline basis prices to RMI Markit View for 10/23/2019. IFERC=NYMEX plus applicable basis. MDW 10/25/2019

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**SCHEDULE 4 - CALCULATION OF
NEW RECOVERY BALANCE
2018-19 ACA YEAR**

**Enclosure 4
Page 1 of 10**

Twelve Months Ended August 31, 2019

Line	South System		North System		Northwest System		TOTAL	
	FIRM	INTERRUPT.	FIRM	INTERRUPT.	FIRM	INTERRUPT.		
1	ACA Recovery	\$ (421,772.06)	\$ -	\$ 504,528.31	\$ -	\$ (219,227.75)	\$ -	\$ (136,471.50)
2	PGA Regular Recovery	\$ 11,156,523.13	\$ -	\$ 3,729,162.97	\$ -	\$ 2,448,590.09	\$ -	\$ 17,334,276.19
3	Balancing Penalties	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Balancing Fees	\$ 278,957.25	\$ -	\$ 64,163.13	\$ -	\$ 42,784.07	\$ -	\$ 385,904.45
5	Total Recovery	\$ 11,013,708.32	\$ -	\$ 4,297,854.41	\$ -	\$ 2,272,146.41	\$ -	\$ 17,583,709.14
	LESS:							
6	Purchased Gas Cost	\$ 10,540,754.63	\$ -	\$ 3,500,079.26	\$ -	\$ 2,418,056.09	\$ -	\$ 16,458,889.98
7	Storage Costs	\$ 240,207.12	\$ -	\$ 307,111.50	\$ -	\$ 132,686.16	\$ -	\$ 680,004.78
8	Total Purchased Gas Cost	\$ 10,780,961.75	\$ -	\$ 3,807,190.76	\$ -	\$ 2,550,742.25	\$ -	\$ 17,138,894.76
9	Gross Recovery Over/(Under) Cost	\$ 232,746.57	\$ -	\$ 490,663.65	\$ -	\$ (278,595.85)	\$ -	\$ 444,814.37
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Carrying Costs	\$ 16,271.57	\$ -	\$ (11,894.95)	\$ -	\$ (2,479.11)	\$ -	\$ 1,897.51
11	Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Total Adjustments	\$ 16,271.57	\$ -	\$ (11,894.95)	\$ -	\$ (2,479.11)	\$ -	\$ 1,897.51
13	Revenue Recovery Over/(Under) Cost for ACA Year	249,018.14	0.00	478,768.70	0.00	(281,074.96)	0.00	446,711.88
14	Beginning ACA Recovery Balance, September 1, 2018	817,184.81	0.00	(372,862.47)	0.00	178,538.47	0.00	622,860.81
	GR-2016-0099 issued 02/16/17 for YE 2015	(13,595.00)		13,595.00		0.00		-
	Adjusted Balance, September 1, 2018	803,589.81		(359,267.47)		178,538.47		622,860.81
15	ACA Recovery Balance at 08/31/19	1,052,607.95	0.00	119,501.23	0.00	(102,536.49)	0.00	1,069,572.70
19	ACA Recovery Balance September 30, 2019, per General Ledger	1,042,944.90		142,117.63		(101,751.08)		1,083,311.45
20	Less Sep Entry for ACA Revenue Recovery	\$ 13,293.06		\$ (9,548.25)		\$ 3,143.21		\$ 6,888.02
21	Less Sep Entry for Balancing Penalties & Fees Recovery	\$ (19,903.67)		\$ (1,171.93)		\$ (1,447.52)		\$ (22,523.12)
22	Carrying Costs	\$ 16,271.57	\$ -	\$ (11,894.95)	\$ -	\$ (2,479.11)	\$ -	\$ 1,897.51
23	Total Adjustments	9,660.96	0.00	(22,615.13)	0.00	(783.42)	0.00	(13,737.59)
24	Ending ACA Recovery Balance, per GL - August 31, 2019	1,052,605.86	0.00	119,502.5	0.00	(102,534.50)	0.00	1,069,573.86
								(1.17)
								Total Difference
25	Sales Forecast	2,386,710		826,830	0	577,428	0	3,790,968
26	Calculated Estimated ACA Rates For 11/19 per CCF	\$ (0.04410)	\$ -	\$ (0.01445)	\$ -	\$ 0.01776	\$ -	
27	Effective Rates at 11/18 per CCF	\$ (0.03470)	\$ -	\$ 0.04555	\$ -	\$ (0.03128)	\$ -	
28	Change in ACA Rates	(0.00940)	0.00000	(0.06000)	0.00000	0.04904	0.00000	

Check (Needs to be zero)

(2.09)

-

1.27

-

1.99

0

(1.17)

Empire District Gas Company
ACA Filing Period Ending August 2019

Enclosure 4 - Gas Purchases
By Usage Month for the South System

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2018	Oct 2018	164,237	2.0254	332,646		332,646.00	332,646.00	0.00			
Commodity - Transportation	Sep 2018	Oct 2018		0.0000		482,256	482,255.56	482,255.56	0.00			
Firm Transportation	Sep 2018	Oct 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Sep 2018	Oct 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Sep 2018	Oct 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Sep 2018	Oct 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Sep 2018	Oct 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Sep 2018	Oct 2018	0	0.0000		(11,987)	(11,986.90)	(11,986.90)	0.00			
Storage Injections	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	(114,264)	(253,630.95)	
Storage Transportation	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	0	0.00	
Hedging - Settlement & Commission	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			549,283.71
Purchases	Oct 2018	Nov 2018	236,481	2.2357	528,693		528,692.58	528,692.58	0.00			
Commodity - Transportation	Oct 2018	Nov 2018		0.0000		496,775	496,775.30	496,775.30	0.00			
Firm Transportation	Oct 2018	Nov 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Oct 2018	Nov 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Oct 2018	Nov 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Oct 2018	Nov 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Oct 2018	Nov 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Oct 2018	Nov 2018	0	0.0000		(21,955)	(21,955.21)	(21,955.21)	0.00			
Storage Injections	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	(115,706)	(284,708.35)	
Storage Transportation	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	4,574	10,822.54	
Hedging - Settlement & Commission	Oct 2018	Nov 2018		0.0000		2,500.00	2,500.00	2,500.00	0.00			732,126.86
Purchases	Nov 2018	Dec 2018	205,794	2.6868	552,924		552,924.12	552,924.12	0.00			
Commodity - Transportation	Nov 2018	Dec 2018		0.0000		358,701	358,701.16	358,701.16	0.00			
Firm Transportation	Nov 2018	Dec 2018		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Nov 2018	Dec 2018		0.0000		0	0.00	0.00	0.00			
Capacity Release	Nov 2018	Dec 2018		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Nov 2018	Dec 2018		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Nov 2018	Dec 2018	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Nov 2018	Dec 2018	0	0.0000		(100,736)	(100,735.98)	(100,735.98)	0.00			
Storage Injections	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	(12,306)	(36,135.98)	
Storage Transportation	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	188,176	446,748.64	
Hedging - Settlement & Commission	Nov 2018	Dec 2018		0.0000		(152,000.00)	(152,000.00)	(152,000.00)	0.00			1,069,501.96
Purchases	Dec 2018	Jan 2019	281,029	3.9511	1,110,369		1,110,368.71	1,110,368.71	0.00			
Commodity - Transportation	Dec 2018	Jan 2019		0.0000		361,800	361,799.59	361,799.59	0.00			
Firm Transportation	Dec 2018	Jan 2019		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Dec 2018	Jan 2019		0.0000		0	0.00	0.00	0.00			
Capacity Release	Dec 2018	Jan 2019		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Dec 2018	Jan 2019		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Dec 2018	Jan 2019	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Dec 2018	Jan 2019	0	0.0000		(13,429)	(13,428.84)	(13,428.84)	0.00			
Storage Injections	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	(3,556)	(15,269.76)	
Storage Transportation	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	146,354	348,893.30	
Hedging - Settlement & Commission	Dec 2018	Jan 2019		0.0000		17,500.00	17,500.00	17,500.00	0.00			1,809,863.00

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the South System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2019	Feb 2019	302,209	2.9311	885,810		885,809.91	885,809.91	0.00			
Commodity - Transportation	Jan 2019	Feb 2019		0.0000		328,509	328,509.20	328,509.20	0.00			
Firm Transportation	Jan 2019	Feb 2019		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Jan 2019	Feb 2019		0.0000		0	0.00	0.00	0.00			
Capacity Release	Jan 2019	Feb 2019		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Jan 2019	Feb 2019		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Jan 2019	Feb 2019	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Jan 2019	Feb 2019	0	0.0000		(7,268)	(7,267.95)	(7,267.95)	0.00			
Storage Injections	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	(1,675)	(5,348.38)	
Storage Transportation	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	233,114	556,303.25	
Hedging - Settlement & Commission	Jan 2019	Feb 2019		0.0000		17,500.00	17,500.00	17,500.00	0.00			1,775,506.03
Purchases	Feb 2019	Mar 2019	358,304	2.5059	897,891		897,890.88	897,890.88	0.00			
Commodity - Transportation	Feb 2019	Mar 2019		0.0000		283,751	283,750.93	283,750.93	0.00			
Firm Transportation	Feb 2019	Mar 2019		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Feb 2019	Mar 2019		0.0000		0	0.00	0.00	0.00			
Capacity Release	Feb 2019	Mar 2019		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Feb 2019	Mar 2019		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Feb 2019	Mar 2019	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Feb 2019	Mar 2019	0	0.0000		(38,346)	(38,345.96)	(38,345.96)	0.00			
Storage Injections	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	(33,428)	(91,248.87)	
Storage Transportation	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	171,990	416,112.61	
Hedging - Settlement & Commission	Feb 2019	Mar 2019		0.0000		2,500.00	2,500.00	2,500.00	0.00			1,470,659.59
Purchases	Mar 2019	Apr 2019	262,537	3.0684	805,565		805,564.88	805,564.88	0.00			
Commodity - Transportation	Mar 2019	Apr 2019		0.0000		305,249	305,249.03	305,249.03	0.00			
Firm Transportation	Mar 2019	Apr 2019		0.0000		0	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Mar 2019	Apr 2019		0.0000		0	0.00	0.00	0.00			
Capacity Release	Mar 2019	Apr 2019		0.0000		0	0.00	0.00	0.00			
Imbalance Costs	Mar 2019	Apr 2019		0.0000		0	0.00	0.00	0.00			
Aggregator Cashouts	Mar 2019	Apr 2019	0	0.0000		0	0.00	0.00	0.00			
LV Cashouts	Mar 2019	Apr 2019	0	0.0000		(33,399)	(33,398.76)	(33,398.76)	0.00			
Storage Injections	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	(14,338)	(47,839.80)	
Storage Transportation	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	107,949	268,652.68	
Hedging - Settlement & Commission	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			1,298,228.03
Purchases	Apr 2019	May 2019	176,889	2.0435	361,470		361,470.41	361,470.41	0.00			
Commodity - Transportation	Apr 2019	May 2019		0.0000		291,728.69	291,728.69	291,728.69	0.00			
Firm Transportation	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation-Cheyenne Plains	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Imbalance Costs	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Aggregator Cashouts	Apr 2019	May 2019	0	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Apr 2019	May 2019	0	0.0000		16,237.25	16,237.25	16,237.25	0.00			
Storage Injections	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	(85,272)	(185,881.65)	
Storage Transportation	Apr 2019	May 2019		0.0000			0.00	0.00	0.00		0.00	
Storage Withdrawals	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	5,897	13,888.61	
Hedging - Settlement & Commission	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			497,443.31

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the South System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH	
Purchases	May 2019	Jun 2019	190,867	1.6802	320,701.37		320,701.37	320,701.37	0.00				
Commodity - Transportation	May 2019	Jun 2019		0.0000		321,616	321,615.54	321,615.54	0.00				
Firm Transportation	May 2019	Jun 2019		0.0000		0	0.00	0.00	0.00				
Firm Transportation-Cheyenne Plains	May 2019	Jun 2019		0.0000		0	0.00	0.00	0.00				
Capacity Release	May 2019	Jun 2019		0.0000		0	0.00	0.00	0.00				
Imbalance Costs	May 2019	Jun 2019		0.0000		0	0.00	0.00	0.00				
Aggregator Cashouts	May 2019	Jun 2019	0	0.0000		8,474	8,474.09	8,474.09	0.00				
LV Cashouts	May 2019	Jun 2019	0	0.0000		0	0.00	0.00	0.00				
Storage Injections	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	(123,440)	(221,824.61)		
Storage Transportation	May 2019	Jun 2019		0.0000			0.00	0.00	0.00		0.00		
Storage Withdrawals	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			428,966.39	
<hr/>													
Purchases	Jun 2019	Jul 2019	187,863	1.7117	321,573.20		321,573.20	321,573.20	0.00				
Commodity - Transportation	Jun 2019	Jul 2019		0.0000		318,250	318,250.42	318,250.42	0.00				
Firm Transportation	Jun 2019	Jul 2019		0.0000		0	0.00	0.00	0.00				
Firm Transportation-Cheyenne Plains	Jun 2019	Jul 2019		0.0000		0	0.00	0.00	0.00				
Capacity Release	Jun 2019	Jul 2019		0.0000		0	0.00	0.00	0.00				
Imbalance Costs	Jun 2019	Jul 2019		0.0000		0	0.00	0.00	0.00				
Aggregator Cashouts	Jun 2019	Jul 2019	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Jun 2019	Jul 2019	0	0.0000		(11,193)	(11,192.93)	(11,192.93)	0.00				
Storage Injections	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	(136,501)	(249,824.39)		
Storage Transportation	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00		0.00		
Storage Withdrawals	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			378,806.30	
<hr/>													
Purchases	Jul 2019	Aug 2019	175,701	1.5176	266,645		266,644.90	266,644.90	0.00				
Commodity - Transportation	Jul 2019	Aug 2019		0.0000		333,033	333,033.00	333,033.00	0.00				
Firm Transportation	Jul 2019	Aug 2019		0.0000		0	0.00	0.00	0.00				
Firm Transportation-Cheyenne Plains	Jul 2019	Aug 2019		0.0000		0	0.00	0.00	0.00				
Capacity Release	Jul 2019	Aug 2019		0.0000		0	0.00	0.00	0.00				
Imbalance Costs	Jul 2019	Aug 2019		0.0000		0	0.00	0.00	0.00				
Aggregator Cashouts	Jul 2019	Aug 2019	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Jul 2019	Aug 2019	0	0.0000		(1,066)	(1,065.99)	(1,065.99)	0.00				
Storage Injections	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	(130,839)	(212,687.53)		
Storage Transportation	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00		0.00		
Storage Withdrawals	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			385,924.38	
<hr/>													
Purchases	Aug 2019	Sep 2019	173,600	1.5800	274,288		274,288.00	274,288.00	0.00				
Commodity - Transportation	Aug 2019	Sep 2019		0.0000		332,796	332,796.22	332,796.22	0.00				
Firm Transportation	Aug 2019	Sep 2019		0.0000		0	0.00	0.00	0.00				
Firm Transportation-Cheyenne Plains	Aug 2019	Sep 2019		0.0000		0	0.00	0.00	0.00				
Capacity Release	Aug 2019	Sep 2019		0.0000		0	0.00	0.00	0.00				
Imbalance Costs	Aug 2019	Sep 2019		0.0000		0	0.00	0.00	0.00				
Aggregator Cashouts	Aug 2019	Sep 2019	0	0.0000		0	0.00	0.00	0.00				
LV Cashouts	Aug 2019	Sep 2019	0	0.0000		(5,618)	(5,617.79)	(5,617.79)	0.00				
Storage Injections	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	(128,166)	(216,814.24)		
Storage Transportation	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00		0.00		
Storage Withdrawals	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	0	0.00		
Hedging - Settlement & Commission	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			384,652.19	
<hr/>													
			2,715,511		6,658,574.96		3,882,179.67	10,540,754.63	10,540,754.63	-	(41,437)	240,207.12	10,780,961.75

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2018	Oct 2018	95,000	2.0134	191,275.00		191,275.00	191,275.00	0.00			
Commodity - Transportation	Sep 2018	Oct 2018		0.0000		145,521.37	145,521.37	145,521.37	0.00			
Firm Transportation - Storage (17004)	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	(80,040)	(166,518.09)	
Storage Transportation	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00			
Aggregator Cashouts	Sep 2018	Oct 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Sep 2018	Oct 2018	0.00	0.0000		(2,126.69)	(2,126.69)	(2,126.69)	0.00			
Hedging - Settlement & Commission	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00			168,151.59
Purchases	Oct 2018	Nov 2018	98,923	2.1153	209,254.46		209,254.46	209,254.46	0.00			
Commodity - Transportation	Oct 2018	Nov 2018		0.0000		139,815.90	139,815.90	139,815.90	0.00			
Firm Transportation - Storage (17004)	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	(56,810)	(124,095.58)	
Storage Transportation	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Oct 2018	Nov 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Oct 2018	Nov 2018	0.00	0.0000		(4,828.84)	(4,828.84)	(4,828.84)	0.00			
Hedging - Settlement & Commission	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00			220,145.94
Purchases	Nov 2018	Dec 2018	20,000	4.2200	84,400.00		84,400.00	84,400.00	0.00			
Commodity - Transportation	Nov 2018	Dec 2018		0.0000		157,644.87	157,644.87	157,644.87	0.00			
Firm Transportation - Storage (17004)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	(4,519)	(19,681.56)	
Storage Transportation	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	110,062	246,891.08	
Aggregator Cashouts	Nov 2018	Dec 2018	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Nov 2018	Dec 2018	0.00	0.0000		(24,309.20)	(24,309.20)	(24,309.20)	0.00			
Hedging - Settlement & Commission	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00			444,945.19
Purchases	Dec 2018	Jan 2019	62,000	4.1016	254,300.00		254,300.00	254,300.00	0.00			
Commodity - Transportation	Dec 2018	Jan 2019		0.0000		158,615.86	158,615.86	158,615.86	0.00			
Firm Transportation - Storage (17004)	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	(5,576)	(23,601.79)	
Storage Transportation	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	77,143	174,929.47	
Aggregator Cashouts	Dec 2018	Jan 2019	0.00	0.0000		13,645.04	13,645.04	13,645.04	0.00			
LV Cashouts	Dec 2018	Jan 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00			577,888.58

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2019	Feb 2019	38,000	3.2479	123,420.01		123,420.01	123,420.01	0.00			
Commodity - Transportation	Jan 2019	Feb 2019		0.0000		158,676.36	158,676.36	158,676.36	0.00			
Firm Transportation - Storage (17004)	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	156,638	355,192.33	
Aggregator Cashouts	Jan 2019	Feb 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jan 2019	Feb 2019	0.00	0.0000		339.15	339.15	339.15	0.00			
Hedging - Settlement & Commission	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00			637,627.85
Purchases	Feb 2019	Mar 2019	92,000	2.5613	235,635.00		235,635.00	235,635.00	0.00			
Commodity - Transportation	Feb 2019	Mar 2019		0.0000		159,621.30	159,621.30	159,621.30	0.00			
Firm Transportation - Storage (17004)	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	(569)	(1,508.38)	
Storage Transportation	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	89,640	203,366.27	
Aggregator Cashouts	Feb 2019	Mar 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Feb 2019	Mar 2019	0.00	0.0000		(16,040.15)	(16,040.15)	(16,040.15)	0.00			
Hedging - Settlement & Commission	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00			581,074.04
Purchases	Mar 2019	Apr 2019	39,597	4.9252	195,024.52		195,024.52	195,024.52	0.00			
Commodity - Transportation	Mar 2019	Apr 2019		0.0000		158,304.29	158,304.29	158,304.29	0.00			
Firm Transportation - Storage (17004)	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	91,603	207,810.57	
Aggregator Cashouts	Mar 2019	Apr 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Mar 2019	Apr 2019	0.00	0.0000		(19,549.17)	(19,549.17)	(19,549.17)	0.00			
Hedging - Settlement & Commission	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00			541,590.21
Purchases	Apr 2019	May 2019	90,000	1.8193	163,740.00		163,740.00	163,740.00	0.00			
Commodity - Transportation	Apr 2019	May 2019		0.0000		84,933.17	84,933.17	84,933.17	0.00			
Firm Transportation - Storage (17004)	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Commodity (17005)	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	(55,228)	(104,511.16)	
Storage Transportation	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	4,307	8,952.10	
Aggregator Cashouts	Apr 2019	May 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Apr 2019	May 2019	0.00	0.0000		2,628.23	2,628.23	2,628.23	0.00			
Hedging - Settlement & Commission	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			155,742.34

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases -												
Commodity - Transportation	May 2019	Jun 2019	95,000	1.7065	162,115.00		162,115.00	162,115.00	0.00			
Firm Transportation - Storage (17004)	May 2019	Jun 2019		0.0000		90,817.95	90,817.95	90,817.95	0.00			
Firm Transportation - Commodity (17005)	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	(66,736)	(118,553.92)	
Storage Transportation	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	May 2019	Jun 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	May 2019	Jun 2019	0.00	0.0000		(3,897.81)	(3,897.81)	(3,897.81)	0.00			
Hedging - Settlement & Commission	May 2019	Jun 2019		0.0000			0.00	0.00	0.00			130,481.22
Purchases -												
Commodity - Transportation	Jun 2019	Jul 2019	69,000	1.6074	110,910.00		110,910.00	110,910.00	0.00			
Firm Transportation - Storage (17004)	Jun 2019	Jul 2019		0.0000		90,220.38	90,220.38	90,220.38	0.00			
Firm Transportation - Commodity (17005)	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	(46,181)	(77,344.38)	
Storage Transportation	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	2,329	4,643.09	
Aggregator Cashouts	Jun 2019	Jul 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jun 2019	Jul 2019	0.00	0.0000		(10,056.00)	(10,056.00)	(10,056.00)	0.00			
Hedging - Settlement & Commission	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00			118,373.09
Purchases -												
Commodity - Transportation	Jul 2019	Aug 2019	98,000	1.4108	138,260.00		138,260.00	138,260.00	0.00			
Firm Transportation - Storage (17004)	Jul 2019	Aug 2019		0.0000		90,839.71	90,839.71	90,839.71	0.00			
Firm Transportation - Commodity (17005)	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	(78,164)	(115,118.60)	
Storage Transportation	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Jul 2019	Aug 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Jul 2019	Aug 2019	0.00	0.0000		153.93	153.93	153.93	0.00			
Hedging - Settlement & Commission	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00			114,135.04
Purchases -												
Commodity - Transportation	Aug 2019	Sep 2019	124,000	1.3600	168,640.00		168,640.00	168,640.00	0.00			
Firm Transportation - Storage (17004)	Aug 2019	Sep 2019		0.0000		91,497.26	91,497.26	91,497.26	0.00			
Firm Transportation - Commodity (17005)	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Capacity Release (17005)	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Penalty Credit (17005)	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	(101,176)	(143,739.95)	
Storage Transportation	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	0	0.00	
Aggregator Cashouts	Aug 2019	Sep 2019	0.00	0.0000		0.00	0.00	0.00	0.00			
LV Cashouts	Aug 2019	Sep 2019	0.00	0.0000		638.36	638.36	638.36	0.00			
Hedging - Settlement & Commission	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00			117,035.67
			921,520.00		2,036,973.99	1,463,105.27	3,500,079.26	3,500,079.26	0.00	36,723	307,111.50	3,807,190.76

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Sep 2018	Oct 2018	69,332	2.1794	151,105.37		151,105.37	151,105.37	0.00			
Commodity - Transportation (123147)	Sep 2018	Oct 2018		0.0000		77,817.75	77,817.75	77,817.75	0.00			
Commodity - Transportation (123148)	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Sep 2018	Oct 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	(45,780)	(106,829.80)	
Storage Transportation	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00	598	1,471.44	
LV Cashouts	Sep 2018	Oct 2018	0	0.0000		(24.31)	(24.31)	(24.31)	0.00			
Aggregator Cashouts	Sep 2018	Oct 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Sep 2018	Oct 2018		0.0000			0.00	0.00	0.00			123,540.45
Purchases	Oct 2018	Nov 2018	119,399	2.5693	306,775.22		306,775.22	306,775.22	0.00			
Commodity - Transportation (123147)	Oct 2018	Nov 2018		0.0000		133,958.35	133,958.35	133,958.35	0.00			
Commodity - Transportation (123148)	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Oct 2018	Nov 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	(74,121)	(203,185.62)	
Storage Transportation	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00	297	748.65	
LV Cashouts	Oct 2018	Nov 2018	0	0.0000		(12,275.39)	(12,275.39)	(12,275.39)	0.00			
Aggregator Cashouts	Oct 2018	Nov 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Oct 2018	Nov 2018		0.0000			0.00	0.00	0.00			226,021.21
Purchases	Nov 2018	Dec 2018	0	#DIV/0!	0.00		0.00	0.00	0.00			
Commodity - Transportation (123147)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Commodity - Transportation (123148)	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Nov 2018	Dec 2018		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00	85,703	216,031.55	
LV Cashouts	Nov 2018	Dec 2018	0	0.0000		(10,341.00)	(10,341.00)	(10,341.00)	0.00			
Aggregator Cashouts	Nov 2018	Dec 2018	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Nov 2018	Dec 2018		0.0000			0.00	0.00	0.00			205,690.55
Purchases	Dec 2018	Jan 2019	40,000	4.1805	167,220.00		167,220.00	167,220.00	0.00			
Commodity - Transportation (123147)	Dec 2018	Jan 2019		0.0000		45,025.23	45,025.23	45,025.23	0.00			
Commodity - Transportation (123148)	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Dec 2018	Jan 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	(3,658)	(16,187.18)	
Storage Transportation	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00	61,820	157,134.08	
LV Cashouts	Dec 2018	Jan 2019	0	0.0000		(6,538.95)	(6,538.95)	(6,538.95)	0.00			
Aggregator Cashouts	Dec 2018	Jan 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Dec 2018	Jan 2019		0.0000			0.00	0.00	0.00			346,653.18

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	Jan 2019	Feb 2019	23,000	3.2974	75,840.00		75,840.00	75,840.00	0.00			
Commodity - Transportation (123147)	Jan 2019	Feb 2019		0.0000		25,868.70	25,868.70	25,868.70	0.00			
Commodity - Transportation (123148)	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jan 2019	Feb 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Transportation	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00	105,244	267,519.72	
LV Cashouts	Jan 2019	Feb 2019	0	0.0000		(3,452.43)	(3,452.43)	(3,452.43)	0.00			
Aggregator Cashouts	Jan 2019	Feb 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jan 2019	Feb 2019		0.0000			0.00	0.00	0.00			365,775.99
Purchases												
Purchases	Feb 2019	Mar 2019	46,000	2.5448	117,060.00		117,060.00	117,060.00	0.00			
Commodity - Transportation (123147)	Feb 2019	Mar 2019		0.0000		51,787.77	51,787.77	51,787.77	0.00			
Commodity - Transportation (123148)	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Feb 2019	Mar 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	(820)	(2,228.55)	
Storage Transportation	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00	88,978	226,244.36	
LV Cashouts	Feb 2019	Mar 2019	0	0.0000		(18,156.96)	(18,156.96)	(18,156.96)	0.00			
Aggregator Cashouts	Feb 2019	Mar 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Feb 2019	Mar 2019		0.0000			0.00	0.00	0.00			374,706.62
Purchases												
Purchases	Mar 2019	Apr 2019	42,000	4.0551	170,315.00		170,315.00	170,315.00	0.00			
Commodity - Transportation (123147)	Mar 2019	Apr 2019		0.0000		47,169.46	47,169.46	47,169.46	0.00			
Commodity - Transportation (123148)	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Mar 2019	Apr 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	(8,657)	(37,183.43)	
Storage Transportation	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00	63,956	174,286.50	
LV Cashouts	Mar 2019	Apr 2019	0	0.0000		0.00	0.00	0.00	0.00			
Aggregator Cashouts	Mar 2019	Apr 2019	0	0.0000		(7,522.22)	(7,522.22)	(7,522.22)	0.00			
Hedging - Settlement & Commission	Mar 2019	Apr 2019		0.0000			0.00	0.00	0.00			347,065.31
Purchases												
Purchases	Apr 2019	May 2019	59,950	2.2350	133,988.26		133,988.26	133,988.26	0.00			
Commodity - Transportation (123147)	Apr 2019	May 2019		0.0000		67,324.59	67,324.59	67,324.59	0.00			
Commodity - Transportation (123148)	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	(26,141)	(62,770.95)	
Storage Transportation	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Apr 2019	May 2019		0.0000			0.00	0.00	0.00	2,699	6,962.61	
LV Cashouts	Apr 2019	May 2019	0	0.0000		2,108.49	2,108.49	2,108.49	0.00			
Aggregator Cashouts	Apr 2019	May 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Apr 2019	May 2019		0.0000		0.00	0.00	0.00	0.00			147,613.00

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 4 - Gas Purchases
By Usage Month for the North System**

SUPPLIER	USAGE MONTH	ACCTG MONTH	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
Purchases	May 2019	Jun 2019	81,467	1.9423	158,229.74		158,229.74	158,229.74	0.00			
Commodity - Transportation (123147)	May 2019	Jun 2019		0.0000		80,650.65	80,650.65	80,650.65	0.00			
Commodity - Transportation (123148)	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	May 2019	Jun 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	(55,350)	(115,915.03)	
Storage Transportation	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	May 2019	Jun 2019		0.0000			0.00	0.00	0.00	76	181.56	
LV Cashouts	May 2019	Jun 2019	0	0.0000		(3,983.85)	(3,983.85)	(3,983.85)	0.00			
Aggregator Cashouts	May 2019	Jun 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	May 2019	Jun 2019		0.0000			0.00	0.00	0.00			119,163.07
Purchases	Jun 2019	Jul 2019	60,000	1.8905	113,429.09		113,429.09	113,429.09	0.00			
Commodity - Transportation (123147)	Jun 2019	Jul 2019		0.0000		64,262.17	64,262.17	64,262.17	0.00			
Commodity - Transportation (123148)	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jun 2019	Jul 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	(45,565)	(92,946.52)	
Storage Transportation	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00	288	670.03	
LV Cashouts	Jun 2019	Jul 2019	0	0.0000		(4,808.06)	(4,808.06)	(4,808.06)	0.00			
Aggregator Cashouts	Jun 2019	Jul 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jun 2019	Jul 2019		0.0000			0.00	0.00	0.00			80,606.71
Purchases	Jul 2019	Aug 2019	73,750	1.7101	126,118.75		126,118.75	126,118.75	0.00			
Commodity - Transportation (123147)	Jul 2019	Aug 2019		0.0000		75,196.48	75,196.48	75,196.48	0.00			
Commodity - Transportation (123148)	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Jul 2019	Aug 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	(61,970)	(114,687.12)	
Storage Transportation	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	Jul 2019	Aug 2019	0	0.0000		5,441.43	5,441.43	5,441.43	0.00			
Aggregator Cashouts	Jul 2019	Aug 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Jul 2019	Aug 2019		0.0000			0.00	0.00	0.00			92,069.54
Purchases	Aug 2019	Sep 2019	101,897	1.7685	180,203.67		180,203.67	180,203.67	0.00			
Commodity - Transportation (123147)	Aug 2019	Sep 2019		0.0000		108,797.45	108,797.45	108,797.45	0.00			
Commodity - Transportation (123148)	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Firm Transportation - Cheyenne Plains	Aug 2019	Sep 2019		0.0000		0.00	0.00	0.00	0.00			
Storage Injections	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	(87,141)	(166,630.14)	
Storage Transportation	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	0	0.00	
Storage Withdrawals	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00	0	0.00	
LV Cashouts	Aug 2019	Sep 2019	0	0.0000		(534.36)	(534.36)	(534.36)	0.00			
Aggregator Cashouts	Aug 2019	Sep 2019	0	0.0000		0.00	0.00	0.00	0.00			
Hedging - Settlement & Commission	Aug 2019	Sep 2019		0.0000			0.00	0.00	0.00			121,836.62
716,795.00					1,700,285.10	717,770.99	2,418,056.09	2,418,056.09	0.00	456	132,686.16	2,550,742.25

Empire District Gas Company
ACA Rating Period Ending August 2019

South System																	
RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fees	Opt 1	Dly Inital	Dly Bal Srv Fee	Ihly Bal Srv F Mth Bill Srv Fee	Mth Pool Srv Fee	Pool Fee Appr	Balancing Fees	Usage_CCF	USAGE_MCF	Total Revenue
Residential	9/18	123,588.58	0.00	10,352.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	236,367	23,637	133,940.93
	10/18	123,367.33	0.00	10,332.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235,925	23,593	133,889.84
	11/18	389,892.86	0.00	32,828.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	745,337	74,533	422,193.49
	12/18	1,112,740.10	0.00	82,286.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,130,341	213,034	1,205,026.80
	1/19	1,185,191.46	0.00	83,238.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,627,434	262,743	1,138,123.13
	2/19	1,288,518.41	0.00	112,104.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,228,758	322,875	1,286,483.64
	3/19	1,426,599.82	0.00	114,263.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,393,499	339,341	1,312,268.39
	4/19	1,130,928.74	0.00	89,841.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,560,266	256,027	1,080,776.86
	5/19	406,972.76	0.00	32,601.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	899,536	89,954	374,370.83
	6/19	220,790.31	0.00	17,686.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	509,717	50,972	203,104.14
	7/19	110,301.41	0.00	8,634.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254,045	25,405	101,466.65
	8/19	101,569.34	0.00	8,135.181	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	234,466	23,448	93,434.18
	TOTAL	7,704,500.92	0.00	(390,337.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,996,221	1,699,622	7,414,463.61
Commercial Sm Comm, Res, LV	9/18	78,700.20	0.00	6,668.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166,923	16,692	4,098.73
	10/18	11,364.47	0.00	6,811.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155,621	15,562	88,175.95
	11/18	145,084.14	0.00	12,143.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277,444	27,744	157,701.95
	12/18	422,554.38	0.00	36,423.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	808,269	80,827	458,977.80
	1/19	474,300.12	0.00	21,019.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,064,009	106,401	453,209.96
	2/19	547,758.57	0.00	43,890.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,264,064	126,406	503,876.09
	3/19	566,760.09	0.00	45,360.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,308,372	130,837	521,419.39
	4/19	425,062.74	0.00	34,650.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	981,277	98,128	383,469.68
	5/19	154,346.05	0.00	12,364.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	356,525	35,633	141,981.70
	6/19	93,535.91	0.00	7,492.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215,939	21,594	86,043.50
	7/19	84,613.39	0.00	5,175.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145,169	14,517	69,486.02
	8/19	60,729.06	0.00	4,864.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140,202	14,020	55,855.04
	TOTAL	3,114,791.09	0.00	(112,239.36)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,861,710	686,171	3,002,551.71
Industrial SV, Sm Comm, LV	9/18	2,103.63	0.00	193.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,196	419	2,137.40
	10/18	1,865.51	0.00	156.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,568	357	2,021.67
	11/18	4,733.79	0.00	386.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,054	405	5,130.08
	12/18	26,426.50	0.00	2,146.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48,014	4,801	27,771.81
	1/19	89,417.07	0.00	3,839.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198,396	19,840	85,577.58
	2/19	181,110.06	0.00	11,530.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	444,120	44,412	177,600.14
	3/19	20,833.68	0.00	1,668.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48,097	4,810	19,164.77
	4/19	28,030.16	0.00	2,246.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64,711	6,471	25,784.73
	5/19	5,498.44	0.00	449.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,066	1,206	5,058.86
	6/19	2,965.24	0.00	213.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,153	615	2,451.72
	7/19	3,033.03	0.00	234.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,979	698	2,760.86
	8/19	3,646.33	0.00	292.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,418	842	3,354.23
	TOTAL	206,645.64	0.00	(7,591.80)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	455,402	45,540	199,053.84
Industrial Bldgs Sm Comm, SV	9/18	1,915.56	0.00	119.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,818	282	2,067.68
	10/18	1,937.88	0.00	157.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,650	365	2,067.68
	11/18	5,686.34	0.00	476.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,678	1,068	6,163.05
	12/18	19,223.43	0.00	1,609.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38,777	3,877	20,363.92
	1/19	20,897.53	0.00	(890.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46,248	4,625	20,007.36
	2/19	34,588.35	0.00	2,091.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57,673	5,767	32,880.14
	3/19	25,757.27	0.00	2,061.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59,413	5,941	23,673.65
	4/19	19,435.11	0.00	1,590.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44,961	4,496	17,914.93
	5/19	5,498.44	0.00	449.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,712	1,272	5,407.18
	6/19	2,777.82	0.00	222.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,413	641	2,555.32
	7/19	1,556.46	0.00	124.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,591	359	1,450.84
	8/19	1,063.88	0.00	98.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,502	250	997.04
	TOTAL	130,585.48	0.00	(6,674.64)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	288,336	28,834	125,517.84
SV Transport Commercial Firm	9/18	0.00	0.00	186.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63,407	6,341	186.60
	10/18	0.00	0.00	186.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65,470	6,547	186.60
	11/18	0.00	0.00	471.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115,844	11,584	471.61
	12/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287,932	28,793	0.00
	1/19	0.00	0.00	(658.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321,282	32,128	(658.74)
	2/19	0.00	0.00	1,483.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	386,783	38,678	1,483.11
	3/19	0.00	0.00	1,553.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	386,627	38,627	1,553.09
	4/19	0.00	0.00	1,312.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310,772	31,077	(1,312.94)
	5/19	0															

Northwest

RATE	MON/YR	PGA	Refund	ACA	Cashouts	Balancing Penalties	Bal Srv Fee	Opt 1	Div Intbal	Div Bal Srv Fee	Div Bal Srv Fee F Mth Bll Srv Fee	Mh Pool Srv Fee	Pool Fee Appr	Balancing Fees	Usage - CCF	USAGE - MCF	Total Revenue
Residential	9/18	11,746.50	0.00	(1,430.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,185	2,960	11,746.50
	10/18	14,170.00	0.00	(1,718.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35,075	3,608	13,302.80
	11/18	70,672.48	0.00	(8,878.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175,788	17,579	62,094.11
	12/18	117,512.73	0.00	(14,467.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463,159	48,254	157,014.84
	1/19	217,247.22	0.00	(18,351.58)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	586,645	58,665	198,895.64
	2/19	299,963.44	0.00	(21,957.72)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	701,989	70,199	237,995.72
	3/19	271,749.50	0.00	(22,654.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	733,935	73,394	248,795.26
	4/19	194,861.12	0.00	(16,460.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	526,267	52,627	178,420.49
	5/19	75,379.86	0.00	(6,666.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204,891	20,489	69,544.58
	6/19	37,598.59	0.00	(3,176.57)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101,529	10,153	34,272.52
	7/19	13,225.73	0.00	(1,117.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35,712	3,571	12,100.20
	8/19	11,944.26	0.00	(1,009.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32,251	3,225	10,447.81
	TOTAL	1,350,512.95	0.00	(117,649.32)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,626,436	362,644	1,232,863.63
Commercial	9/18	17,941.59	0.00	(2,181.89)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44,604	4,460	15,779.70
	10/18	57,231.61	0.00	(6,869.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142,282	14,228	49,991.50
	11/18	78,741.98	0.00	(9,973.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195,735	19,574	69,188.86
	12/18	104,586.96	0.00	(8,337.44)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	262,429	26,243	95,281.92
	1/19	128,563.85	0.00	(10,659.78)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	347,176	34,718	117,704.07
	2/19	160,518.06	0.00	(13,558.91)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	433,469	43,347	146,959.15
	3/19	178,607.20	0.00	(15,908.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	476,916	47,692	161,693.34
	4/19	152,149.40	0.00	(12,852.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410,870	41,087	139,297.37
	5/19	69,862.09	0.00	(5,908.80)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188,901	18,890	64,040.81
	6/19	43,423.19	0.00	(3,668.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117,261	11,726	39,754.14
	7/19	19,533.29	0.00	(1,650.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52,748	5,275	17,863.29
	8/19	16,633.61	0.00	(1,369.85)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,976	4,398	14,786.68
	TOTAL	1,025,302.35	0.00	(92,824.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,735,771	273,577	932,477.81
Industrial	9/18	1,603.20	0.00	(200.78)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,105	411	1,450.42
	10/18	4,860.00	0.00	(218.82)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,476	1,248	4,348.18
	11/18	2,817.29	0.00	(342.57)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,004	700	2,474.72
	12/18	4,866.68	0.00	(410.58)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,126	1,313	4,460.10
	1/19	7,008.64	0.00	(628.25)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,692	1,962	6,414.79
	2/19	8,465.65	0.00	(715.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,861	2,286	7,760.57
	3/19	8,850.00	0.00	(725.81)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,000	2,300	7,844.40
	4/19	6,220.47	0.00	(525.45)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,798	1,680	5,695.02
	5/19	2,966.56	0.00	(253.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,092	809	2,744.44
	6/19	4,267.89	0.00	(426.78)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,422	1,142	3,872.82
	7/19	(80,660)	0.00	71.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2,270)	(227)	(789.56)
	8/19	1,137.65	0.00	(116.65)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,710	371	1,252.61
	TOTAL	49,171.93	0.00	(4,386.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131,442	13,144	44,785.65
Municipal Bldgs	9/18	59.58	0.00	(6.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125	13	44.41
	10/18	68.82	0.00	(7.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	15	51.49
	11/18	609.08	0.00	(74.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,514	151	535.00
	12/18	2,897.21	0.00	(244.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,824	782	2,662.47
	1/19	4,006.66	0.00	(338.73)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,626	1,063	3,670.53
	2/19	4,911.59	0.00	(406.43)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,993	1,299	4,405.16
	3/19	5,130.63	0.00	(438.63)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,022	1,402	4,745.01
	4/19	3,381.34	0.00	(285.65)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,131	913	3,095.69
	5/19	811.33	0.00	(68.51)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,191	219	742.82
	6/19	517.83	0.00	(43.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,399	140	474.08
	7/19	1,211.27	0.00	(102.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,270	327	1,169.97
	8/19	151.77	0.00	(14.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138	14	47.34
	TOTAL	23,602.86	0.00	(2,020.48)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63,581	6,358	21,582.66
SV Transport	9/18	0.00	0.00	(16.98)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,250	225	(16.98)
	10/18	0.00	0.00	(25.85)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,743	374	(25.85)
	11/18	0.00	0.00	(190.26)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,914	1,491	(190.26)
	12/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45,015	4,502	0.00
	1/19	0.00	0.00	(430.62)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,626	1,063	(430.62)
	2/19	0.00	0.00	(478.89)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,993	1,399	(478.89)
	3/19	0.00	0.00	(528.80)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17,807	1,781	(528.80)
	4/19	0.00	0.00	(401.84)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,817	1,182	(401.84)
	5/19	0.00	0.00	(161.48)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18,222	1,822	(161.48)
	6/19	0.00	0.00	(78.70)	0.00	0.00	0.00										

**Empire District Gas Company
ACA Carrying Cost
2018-2019 ACA Year Ending 8/31/19
South System**

Enclosure 5
Page 1 of 3

Usage Month Accounting Month	Aug-18	Sep-18 Nov-18	Oct-18 Dec-18	Nov-18 Jan-19	Dec-18 Feb-19	Jan-19 Mar-19	Feb-19 Apr-19	Mar-19 May-19	Apr-19 Jun-19	May-19 Jul-19	Jun-19 Aug-19	Jul-19 Sep-19	Aug-19 Oct-19	Total
Firm ACA Recovery Balance - Under/(Over)	\$ (817,184.81)	\$ (502,797.21)	\$ (11,135.13)	\$ 444,619.92	\$ 507,758.19	\$ 580,120.66	\$ 191,476.49	\$ (417,445.99)	\$ (1,405,059.29)	\$ (1,519,095.24)	\$ (1,454,239.70)	\$ (1,249,444.99)	\$ (1,036,336.38)	
Interruptible ACA Recovery Balance - Under/(Over)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prime Rate		5.25%	5.25%	5.25%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	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		3.25%	3.25%	3.25%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.25%	3.00%	
Interest credited to Customers on Firm Over Recovered Balance		\$ (1,787.48)	\$ (719.15)					\$ (340.52)	\$ (2,657.82)	\$ (4,406.54)	\$ (4,336.11)	\$ (3,783.28)	\$ (2,952.47)	\$ (20,983.37)
Interest credited to EDG on Firm Under Recovered Balance				\$ 587.01	\$ 1,435.18	\$ 1,639.37	\$ 1,050.23							\$ 4,711.79
Grand Total														<u>\$ (16,271.57)</u>

*Agreed sum of months, excluding column N, to the
GL Balance of #191810. Column N will be posted with
October closing entries.
M. Wright 10/28/2019*

**Empire District Gas Company
ACA Filing Period Ending August 2019**

Enclosure 6

Page 1 of 1

**Empire District Gas Company
South System**

2019-2020 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)
11/18	3.9846	11/19	3.2308	(0.7538)	(\$137,482)
12/18	3.9846	12/19	3.2308	(0.7538)	(\$239,591)
01/19	3.9846	01/20	3.2308	(0.7538)	(\$262,308)
02/19	3.9846	02/20	3.2308	(0.7538)	(\$210,275)
03/19	3.9846	03/20	3.2308	(0.7538)	(\$158,694)

Estimated Winter Season Change in Revenue (\$1,008,349)

Percent Change Between PGA ACA Factors -18.92%

Residential Sales Volume Forecast 1,635,327

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth	Budgeted Customer Count
Nov-19	7.28	11.15%	182,385	25,040
Dec-19	12.56	19.44%	317,844	25,315
Jan-20	13.78	21.28%	347,981	25,258
Feb-20	11.03	17.06%	278,953	25,294
Mar-20	8.33	12.87%	210,525	25,282
Apr-20	3.97	6.05%	98,969	24,926
May-20	1.51	2.29%	37,383	24,806
Jun-20	1.00	1.50%	24,530	24,497
Jul-20	0.81	1.21%	19,753	24,340
Aug-20	0.88	1.30%	21,321	24,306
Sep-20	1.16	1.73%	28,265	24,324
Oct-20	2.74	4.12%	67,418	24,597
TOTAL	65.04	100%	1,635,327	297,985

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Enclosure 7
Page 1 of 1**

**North System
2019-2020 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)
11/18	4.5425	11/19	3.4649	(1.0776)	(\$68,874)
12/18	4.5425	12/19	3.4649	(1.0776)	(\$112,932)
01/19	4.5425	01/20	3.4649	(1.0776)	(\$130,456)
02/19	4.5425	02/20	3.4649	(1.0776)	(\$102,360)
03/19	4.5425	03/20	3.4649	(1.0776)	(\$75,983)
Estimated Winter Season Change in Revenue					(\$490,605)
Percent Change Between PGA ACA Factors					-23.72%

Residential Sales Volume Forecast 547,885

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth	Budgeted Customer Count
Nov-19	8.01	11.67%	63,914	7,984
Dec-19	12.92	19.13%	104,800	8,114
Jan-20	14.93	22.10%	121,062	8,111
Feb-20	11.67	17.34%	94,989	8,138
Mar-20	8.66	12.87%	70,511	8,139
Apr-20	4.51	6.61%	36,219	8,034
May-20	1.75	2.54%	13,903	7,952
Jun-20	0.57	0.80%	4,406	7,749
Jul-20	0.64	0.90%	4,918	7,681
Aug-20	0.76	1.06%	5,784	7,617
Sep-20	0.92	1.27%	6,977	7,605
Oct-20	2.62	3.72%	20,402	7,775
TOTAL	67.95	100%	547,885	94,899

**Empire District Gas Company
ACA Filing Period Ending August 2019**

Enclosure 8

Page 1 of 1

**Empire District Gas Company
Northwest System
2019-2020 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)
11/18	3.3903	11/19	3.5092	0.1189	\$4,677
12/18	3.3903	12/19	3.5092	0.1189	\$7,599
01/19	3.3903	01/20	3.5092	0.1189	\$9,068
02/19	3.3903	02/20	3.5092	0.1189	\$6,566
03/19	3.3903	03/20	3.5092	0.1189	\$5,309

Estimated Winter Season Change in Revenue

\$33,219

Percent Change Between PGA ACA Factors

3.51%

Residential Sales Volume Forecast

341,225

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth	Budgeted Customer Count
Nov-19	8.18	11.53%	39,332	4,808
Dec-19	13.17	18.73%	63,910	4,853
Jan-20	15.67	22.35%	76,267	4,866
Feb-20	11.33	16.18%	55,226	4,875
Mar-20	9.17	13.09%	44,654	4,871
Apr-20	4.44	6.19%	21,105	4,758
May-20	1.85	2.56%	8,743	4,724
Jun-20	1.32	1.81%	6,167	4,681
Jul-20	0.61	0.83%	2,842	4,659
Aug-20	0.55	0.76%	2,582	4,659
Sep-20	1.52	2.09%	7,121	4,670
Oct-20	2.79	3.89%	13,276	4,750
TOTAL	70.61	100%	341,225	57,174

**Empire District Gas Company
ACA Filing Period Ending August 2019**

**Schedule 9 - Analysis of Change in Overall PGA Rates per CCF
2018-2019 ACA Year Ending 8/31/19**

Enclosure 9

Page 1 of 1

	South System				North System				Northwest System			
	Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates	Change	
			\$	%			\$	%			\$	%
Transportation & Storage	\$ 0.18207	\$ 0.16315	\$ (0.01892)	-10.4%	\$ 0.17465	\$ 0.17159	\$ (0.00306)	-1.8%	\$ 0.12143	\$ 0.12145	\$ 0.00002	0.0%
Gas Cost	\$ 0.25109	\$ 0.20403	\$ (0.04706)	-18.7%	\$ 0.23405	\$ 0.18935	\$ (0.04470)	-19.1%	\$ 0.24888	\$ 0.21171	\$ (0.03717)	-14.9%
PGA	\$ 0.43316	\$ 0.36718	\$ (0.06598)	-15.2%	\$ 0.40870	\$ 0.36094	\$ (0.04776)	-11.7%	\$ 0.37031	\$ 0.33316	\$ (0.03715)	-10.0%
ACA	\$ (0.03470)	\$ (0.04410)	\$ (0.00940)	27.1%	\$ 0.04555	\$ (0.01445)	\$ (0.06000)	-131.7%	\$ (0.03128)	\$ 0.01776	\$ 0.04904	-156.8%
Total Rate	\$ 0.39846	\$ 0.32308	\$ (0.07538)	-18.9%	\$ 0.45425	\$ 0.34649	\$ (0.10776)	-23.7%	\$ 0.33903	\$ 0.35092	\$ 0.01189	3.5%

*Agreed to applicable year's rates.
Reviewed formulas for reasonableness and accuracy.
MDW 10/28/2019*