

Empire District Gas Company
Northwest System Gas Cost Inputs

Enclosure 3

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Northwest System Line Loss	0.21%
Annual Burnertip Sales	581,113

Total Sales Volume @ Burnertip

Nov 11	62,196
Dec 11	106,894
Jan 12	120,246
Feb 12	93,779
Mar 12	71,255
Apr 12	35,138
May 12	16,226
Jun 12	12,350
Jul 12	11,213
Aug 12	10,880
Sep 12	13,773
Oct 12	27,163
	581,113

ANR RATES

Transport Charge-STs SW Area	\$	0.8615
Annual Charge Adjustment	\$	0.0019
Deferred Transportation Cost Adj - STS (All Segments)	\$	(0.0096)
Cashout Negative Surcharge - CNS	\$	(0.0025)
	\$	-
	\$	0.8513
Fuel and L & U - SW Southern Segment (ML-5)		2.26%
Fuel and L & U - SW Central Segment (ML-6)		3.98%
FSS & DSS Transporter's Use		0.73%

Note: From FERC Gas Tariff: ANR 3rd Revision Volume 1 Part 4.2 Version 0.0.0, 3rd Revision Volume 1 Part 4.17
Version 1.0.0, 3rd Revision Volume 1 Part 4.16 Version 1.0.0, 3rd Revision Volume 1 Part 4.18 Version 1.0.0

Transportation Cost
ANR Pipeline

	Annual/ Seasonal Volume	Volume %	No. of Mths Reserved	Tariff Rate	Annual Cost	MCF Cost
Cheyenne Plains Reservation	48,000	100.00%		\$ 0.3400	\$ 16,320	\$ 0.0281
ANR Transportation Cost	609,749			\$ 0.8513	\$ 519,079	\$ 0.8932
Pipeline Commodity Costs	609,749			\$ 0.0020	\$ 1,219	\$ 0.0021
Total Transportation Costs					\$ 536,618	\$ 0.9234
Natural Gas Purchases	609,749			\$ 3.5519	\$ 2,165,767	\$ 3.7269
Total Annual Cost					<u>\$ 2,702,385</u>	<u>\$ 4.6503</u>
Sales Volume at Burnertip	581,113					
Cost per MCF at Burnertip						<u><u>\$ 4.6503</u></u>

INTERRUPTIBLE

	Demand	Volume %	Tariff Rate	MCF Cost
Cheyenne Plains Reservation	0.0826	100.00%	\$ 0.3400	\$ 0.0281
Pipeline Commodity Costs	1.0493		\$ 0.0020	\$ 0.0021
ANR Transportation Cost	1.0493		\$ 0.8513	\$ 0.8932
Total Transportation Costs				\$ 0.9234
Natural Gas Purchases	1.0493		\$ 3.5519	\$ 3.7269
Total Annual Cost				<u>\$ 4.6503</u>
Sales Volume at Burnertip	1.0000			
Cost per MCF at Burnertip				<u><u>\$ 4.6503</u></u>

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Transportation Cost

Cheyenne Plains

Firm Transportation - FT

	Cheyenne Plains	
		Per Mcf
Reservation Rate	\$ 10.3534	\$ 0.3400
Commodity Rate		\$ 0.0010
ACA Charge		\$ 0.0019

Fuel Percentage 1.33%
L & U Percentage 0.48%

Note: Cheyenne Plains From FERC Gas Tariff: Second Revised Volume 1, Part II Section 2, Version 3.0.0 Effective 1/3/11

Distribution

	SS	PEPL	ANR	Total
Volume Percentage	65%	23%	12%	100.00%
Volume Flow through Cheyenne Plains				
Nov 11	300,000	-	-	
Dec 11	310,000	-	-	
Jan 12	310,000	-	-	
Feb 12	290,000	-	-	
Mar 12	310,000	-	-	
Apr 12	120,000	120,000	60,000	
May 12	124,000	124,000	62,000	
Jun 12	120,000	120,000	60,000	
Jul 12	124,000	124,000	62,000	
Aug 12	124,000	124,000	62,000	
Sep 12	120,000	120,000	60,000	
Oct 12	124,000	124,000	62,000	
	2,376,000	856,000	428,000	3,660,000
Volumes to Storage			(380,000)	
			48,000	

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Production Area Cost of Gas	\$ 3.5539
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