

AQUILA NETWORKS - MPS
Northern System Gas Cost Inputs

Enclosure 2

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MPS Line Loss 3.489%
Annual Burnertip Sales 1,189,770

<u>PEPL Rates</u>	<u>Tariff</u>
<u>PEPL EFT Reservation Rates</u>	<u>Rate</u>
Field Zone Reservation	\$4.7300
Market Zone Access	\$3.3000
Market Zone Mileage 201-300 Block	\$1.8000
GRI Funding Unit	\$0.0000
Settlement Surcharges	\$0.0000
Canadian Resolution Surcharges	\$0.0000
GSR Surcharge	\$0.0000
Stranded Transportation Cost Surcharge	\$0.0000
Miscellaneous Stranded Costs Surcharge	\$0.0000
<u>PEPL EFT Commodity Rates</u>	
Field Zone Commodity	\$0.0195
Market Zone Access	\$0.0006
Market Zone Mileage 201-300 Block	\$0.0075
GRI Funding Unit	\$0.0000
ACA Unit Charge	\$0.0018
TOP Volumetric Surcharge	\$0.0000
Settlement Surcharges	\$0.0000
Total Market Zone Commodity	\$0.0099
<u>PEPL IT Interruptible Rates</u>	
Field Zone	\$0.1750
Market Zone Access	\$0.1091
Market Zone Mileage 201-300 Block	\$0.0666
GRI Funding Unit	\$0.0000
ACA Unit Charge	\$0.0018
TOP Volumetric Surcharge	\$0.0000
Settlement Surcharges	\$0.0000
Canadian Resolution Surcharges	\$0.0000
Stranded Transportation Cost Surcharge	\$0.0000
Miscellaneous Stranded Costs Surcharge	\$0.0000
<u>PEPL Storage Rates</u>	
Deliverability Charge Field Area	\$3.3500
Capacity Charge Field Area	\$0.4028
PEPL Gathering Loss	0.59%
PEPL Field Zone Loss	0.89%
PEPL Market Zone Loss	1.41%
PEPL Storage Injection Loss (Field Area)	1.42%
PEPL Storage Withdrawal Loss (Field Area)	0.39%

<u>Seasonal Sales Volume @ Burnertip</u>	
Jan	236,735
Feb	184,494
Mar	144,077
Apr	80,059
May	39,025
Jun	18,083
Jul	16,373
Aug	17,049
Sep	30,088
Oct	76,310
Nov	139,063
Dec	208,414
	<u>1,189,770</u>

Note: From FERC Gas Tariff: PEPL Ninth Revised Sheet No. 5 Effective 04/01/06 , Ninth Revised Sheet No. 8 Effective 04/01/06, Third Revised Sheet No. 9 Effective 11/01/2005, Third Revised Sheet No. 10 Effective 11/01/05, Third Revised Sheet No. 14 Effective 11/01/2005 and Third Revised Sheet No. 19 Effective 10/01/05

<u>Calculated Inputs</u>	<u>Firm</u>	<u>Storage</u>	<u>Total</u>	<u>Interruptible</u>	<u>Total</u>
Annual Throughput at Burnertip Per 30 Yr. Normalization	448,956	740,814	1,189,770	0	1,189,770
Annual Throughput at Citygate	465,187	767,595	1,232,782	0	1,232,782
Annual Throughput at Havenpool	471,840	781,621	1,253,461	0	1,253,461
Annual Throughput at Wellhead	476,077	800,000	1,276,077	0	1,276,077

AQUILA NETWORKS - MPS
Northern System Annualized Gas Cost Calculation
To Reflect Current PEPL & Spot Market Rates

Enclosure 2

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FIRM	Annual Volume	Monthly Capacity Reserved	No. Of Days Reserved	Tariff/ Contracted Rate	Annual Cost
<u>Panhandle Eastern Pipe Line</u>					
Contract 17005					
<u>EFT Reservation Rates</u>					
Contracted Winter Volumes and rate		17,000	151	\$0.32249	\$827,820
Contracted Summer Volumes and rate		9,000	214	\$0.33249	\$640,376
Contract 17004					
FS Storage		800,000	365	\$0.40280	\$322,240
Contracted Winter Volumes & Rate		14,000	151	\$0.11094	\$234,527
Contracted Summer Volumes & Rate		6,000	214	\$0.11094	\$142,447
Option Premiums					\$220,530
Spot Market Purchases	1,232,782			\$6.2367	\$7,688,491
Total Annual Cost					<u><u>\$10,076,431</u></u>
Sales Volume at Burnertip	1,189,770				
Cost per MCF at Burnertip					<u><u>\$8.4692</u></u>

Highest WACOG	Apr 02 - Oct 03	Apr 03 - Oct 04	Apr 04 - Oct 05	Average WACOG
	\$4.7469	\$5.4412	\$7.4571	\$5.8817
	Highest Avg WACOG-(Avg with the highest 3 averages			\$6.6694
	APRIL 2006 Gas Commodity Costs			\$6.0107

INTERRUPTIBLE		
<u>Panhandle Eastern Pipe Line</u>		
<u>IT Interruptible Rates</u>		<u>@150%</u>
Field Zone		\$0.2625
Market Zone Access		\$0.1637
Market Zone Mileage		\$0.0999
GRI Funding Unit		\$0.0000
ACA Unit Charge		\$0.0027
TOP Volumetric Surcharge		\$0.0000
Settlement Surcharges		\$0.0000
Canadian Resolution Surcharge		\$0.0000
Stranded Transportation Cost Surcharge		\$0.0000
Miscellaneous Stranded Costs Surcharge		\$0.0000
Spot Market Price Per MCF	\$6.2367	\$6.2367
Total Annual Cost		<u><u>\$6.7655</u></u>
Sales Volume at Burnertip		
Cost per MCF at Burnertip		<u><u>\$6.7655</u></u>