

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION  
DOCKET NO. R-2008-2028394  
PECO ENERGY COMPANY

VOLUME XII  
DEFINED FILING REQUIREMENTS  
SUPPLEMENTAL DATA RESPONSES  
COST OF SERVICE (COS)

- Qo SDR- COS- 1 Please explain the Company's policy with regard to when customer advances and contributions in aid of construction -must be made.
- A. SDR - COS - 1 Refer to Rule 7 of the PECO Energy Company Gas Service Tariff, General Terms and Conditions.

- Q. SDR - COS - 2 Please provide a detailed explanation describing how contributions in aid of construction and customer advances are reflected in the Company's cost of service study.
- A. SDR - COS - 2 Contributions in aid of Construction are applied by the Company to reduce the asset in the rate base (measure of value). Customer advances are directly assigned to the appropriate rate class based on information provided by the Company. Refer to Exhibit HSG-6K.

Q. SDR-COS-3 Please provide a breakdown of contributions in aid of construction by customer class and plant account number for the most recent year available.

A. SDR-COS-3 Refer to Attachment SDR-COS-3.

Note that the attachment shows CIAC activity by utility account, not CIAC balances by customer class. When CIAC is recorded, it is recorded to specific sub-accounts under the CWIP account. However, when a project is placed in service and removed from the CWIP account, the entire project is removed from a general sub-account. Thus, the balances in the specific sub-accounts under which the CIAC activity was originally recorded remain unchanged when a project is placed into service. A breakdown of CIAC by customer class is not available.

ATTACHMENT  
**SDR-COS-3**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
13761	(13,181.77)	(136,296.27)	(368,181.39)	(286,110.58)	(12,595.67)	(415,800.78)	(199,717.72)	(213,140.74)	(212,169.30)	(66,409.80)	(121,359.55)	(1,043,382.35)	(3,110,315.69)
13762	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(18.07)	0.00	116.07
13763	(143,501.45)	(162,019.12)	(503,632.38)	(275,280.56)	(163,328.10)	(275,137.51)	(449,469.08)	(397,302.14)	(138,060.30)	(238,162.55)	(124,405.47)	(464,749.92)	(3,333,033.58)
13801	(6,730.82)	(5,408.26)	(14,849.61)	(32,574.94)	(6,877.59)	(10,434.50)	(7,423.08)	(5,739.03)	(9,692.94)	(3,965.21)	(6,648.50)	(3,347.87)	(113,692.35)
13802	(66,377.45)	(52,741.11)	(65,400.13)	(113,152.77)	(111,816.50)	(150,443.67)	(59,777.03)	(103,643.91)	(40,982.60)	(113,022.00)	(122,354.30)	(111,096.85)	(1,116,810.82)
13810	0.00	0.00	0.00	0.00	0.00	0.00	(46.41)	(249.75)	0.00	0.00	0.00	0.00	(298.16)
13820	(11,086.80)	(6,205.58)	(10,265.06)	(25,664.48)	(54,322.91)	(15,609.10)	(14,347.72)	(12,807.24)	(16,638.12)	(1,374.32)	(15,934.20)	(12,375.40)	(213,601.02)
Tota- Gas	(24,783.38)	(382,677.34)	(982,328.57)	(732,763.33)	(348,943.07)	(873,420.76)	(730,781.04)	(732,852.78)	(415,543.26)	(441,927.88)	(390,718.09)	(1,634,922.39)	(7,887,765.89)

- Q. SDR-COS-4 Please provide a breakdown of transmission and distribution mains investment by pipe diameter.
- A. SDR-COS-4 Refer to Attachment SDR-COS-4 for a breakdown of mains by material and pipe diameter.

ATTACHMENT  
**SDR-COS-4**

**MAINS BY MATERIAL AND SIZE (DIAMETER)**  
Lengths in Feet  
December 31, 2006

Main Diameter (Inches)	Steel	Plastic	Cast Iron	Wrought Ductile Iron Iron	OTHER	Grand Total	
0.5		2,381				2,381	
0.75	6,069	138		62		6,269	
1	1,081	11,707				12,788	
1.25	527,402	254,781		1,183		783,366	
1.5	5,114	805		95		6,013	
2	504650193	6,353,272	13	11,055	4,045	11,833,578	
3	48,154	1,704		44,869		94,727	
3.5				6,524		6,524	
4	3,960,239	4,165,331	2,093,302	163,859	214,746	502	10,597,980
5	1			5,535			5,536
6	2,854,851	1,963,519	1,221,424	34,495	92,152	122	6,166,564
7	14,477			9,096			23,572
8	2,089,866	136,242	476,351	43,004	11,402		2,756,865
9	54						
10	55,371		39,793	2,233			97,396
12	879,105		234,746		636		1,114,488
16	475,561		6,134				481,695
20	267,480						267,480
24	7,293		345				7,638
Grand Total	16,657,310	12,889,879	4,072,109	322,009	318,937	4,669	34,264,913

- Q. SDR-COS-5 Please provide a breakdown of customer advances by customer class for the most recent year available.
- A. SDR-COS-5 Refer to Attachment SDR-COS-5.

ATTACHMENT  
**SDR-COS-5**

Estimated Gas Customer Advances as of 12/31/2007

**[Gas Cust. Advances**

Commercial	" (279,135.20)
Residential	(1,521,726.69)
Small Commercial & Industrial	(13,800.72)

**:Total Gas Customer Advances as of 12/31/2007**

(1,814,662.61)

Q. SDR-COS-6 Please provide a breakdown of services investment by service line diameter, and a break down of services by size and customer class.

A. SDR-COS-6 Refer to Attachment SDR-COS-6.

ATTACHMENT  
**SDR-COS-6**

**SERVICES BY MATERIAL AND SIZE (DIAMETER)**  
Lengths in Feet  
December 31~ 2006

Pipe Diameter (inches)	Plastic	Unprotected Bare Steel	Protected Coated Steel	Unprotected Coated Steel	Copper	Other	Protected Bare Steel	Cast Iron	Grand Total
0.5	17,121,990	6,810	4,491	5,049	47,216	523		<b>85</b>	17,186,163
0.75	47,854	1,202,473	729,827	496,953	445	254	9		2,477,814
1	4,762,742	22,482	1,376	13,276	104,937	121			4,904,934
1.25	887,072	1,682,811	231,337	226,750	1,183	934	142		3,030,227
1.5	5,042	46,561	973	316	129	621			53,642
2	309,511	134,011	96,816	70,958	41	478			611,814
3	429	31,315	407	2,562					34,714
4	73,339	18,283	54,710	35,506					181,838
6	1,231	850	3,332	1,547					6,960
8		<b>1,105</b>		<b>1,088</b>					2,193
10	1,760								1,760
Grand Total	23,210,970	3,146,701	1,123,268	854,004	153,950	2,931	151	85	28,492,060

Q. SDR-COS-7 If available, please provide a breakdown of meter investment by meter size, and a breakdown of meters by size and customer class.

A. SDR-COS-7 Refer to Attachment SDR-COS-7 for a summary of the Company's meter investment by customer class, meter type and size. The total meter investment agrees to the total of FERC accounts 381 (meters) and 382 (meter installations) at December 31,2007.

ATTACHMENT  
SDR-COS-7

**Gas Meters by Customer Class, Size & Type  
December 31, 2007**

RESIDENTIAL	D=aphram	1	217 60			
		27	5,875 13			
		4	870 39			
		1	21760			
		11	219	47,653 85		
		12	1,810	393,851 47		
		16	7	2,175 97		
		7	1,523 18			
		15	137,649	29,952,077 67		
		109,484	23,823,444 20			
		10,007	2,177,498 14			
		18	119,861	26,081,453 42		
		24,011	5,224,733 7			
		20	26,946	8,882,829 25		
		22	1	329 65		
		23	24	7,911 67		
		27	546	2,017,177 81		
		28	173	646,244 00		
		33	12,062	2,624,660 99		
		96	1	217 60		
		99	495	107,710 76		
			Rotary	41	3	34,231 53
				42	16	108,728 52
				43	2	23,627 51
				44	1	14,734 57
				46	1	15,242 80
				47	1	16,350 09
				61	1	10,872 85
				63	1	11,813 75
		<b>kF...ifa-TIA-. Total</b>		<b>443,3S-</b>	<b>102-J4-i7S-5</b>	
		COMMERCIAL INDUSTRIAL	Dlaphram	1	217 60	
				2	870 39	
				11	2,393 57	
				12	171	37,209 17
				15	6,495	1,413,295 73
				16	5,457	1,187,429 53
				17	433	94,219 72
18	4,170			907,381 56		
19	1,020			221,949 45		
20	19,853			6,544,600 65		
22	1			329 65		
23	6			1,977 92		
27	5,012			18,722,398 51		
28	1,683			6,286,870 85		
33	359			78,117 50		
99	3			652 79		
	Rotary			40	2	22,821 02
				41	512	5,842,181 10
				42	938	10,198,735 24
				43	631	7,454,478 39
				44	99	1,458,722 83
				45	12	182,913 63
				46	234	3,566,815 87
				47	14	228,901 31
				48	35	515,710 09
				49	19	261,843 52
				50	20	279,248 62
				53	1	16,350 09
				59	47	647,718 18
				61	265	2,881,305 80
				62	38	530,572 38
				63	122	1,441,277 91
				64	105	1,716,759 86
				65	46	1,083,429 49
				66	56	1,526,801 50
				67	36	1,039,657 42
				68	6	202,201 32
		69	4	163,628 34		
		70	48	1,073,690 23		
		71	46	1,137,905 84		
	Turbine	76	2	27,562 48		
		78	7	164,869 70		
		79	2	29,469 15		
		83	2	54,528 62		
		90	6	1,305 58		

- Q. SDR- COS- 8 Please provide the Company's rate design models and cost of service study on an IBM PC-compatible computer disk in Lotus 1-2-3 or Quattro format. If the models consist of more than one file, please include information on all files on the disk and what they contain. If not available in Lotus 1-2-3 or Quattro format, please provide in ASCII format.
- A. SDR - COS - 8 The Cost of Service Model is proprietary. The Company will provide model runs with input variants as specified by the Commission staff and various intervenors.

- Q. SDR-COS-9 Please provide a copy of the Company's current customer extension policy. Provide a representative sample of the analyses conducted by the Company when deciding whether service to a new customer qualifies under the Company's customer extension policy.
- A. SDR-COS-9 Refer to the response to SDR-COS-1 for the Company's current customer extension policy.
- Refer to Attachment SDR-COS-9 for sample calculation.

ATTACHMENT  
**SDR-COS-9**

## Sample Analysis Used For Determining Customer Contribution of a Line Extension

<b>Capital cost of residential line extension</b>	<b>\$2,300</b>
<b>Calculation of Estimated Base Annual Revenue ("EBAR")</b>	
Annual Usage Estimate	95 MCF
X Variable Distribution Charge	<u>\$2.81/MCF</u>
EBAR	\$267
	<u>X 5 years</u>
	<u>\$1,335</u>
<b>Excess capital cost over 5 X EBAR (Customer contribution)</b>	<b>\$965</b>

A. Note, as discussed in the Direct Testimony of Stephen R. Xander, the Company proposes to modify the tariff rule to include, as distribution revenue for purposes of applying the EBAR test, the portion of the Customer Charge approved in this rate case that recovers the carrying cost of services. In effect, these revenues will become an offset to capital costs for which the new customer would otherwise be responsible. This will equitably provide a benefit to the potential new customer by more closely matching the revenue that will be provided by the new customer to the capital investment the Company will be making to serve the new customer.

- Q. SDR - COS - 10 Please provide a detailed supply and requirement schedule for the company's three most recent annual peak days and for design day. The schedules should include deliveries by source and requirements by rate schedule. Identify sources and requirements for transportation customers separately. Also include the Company's daily send out sheet for each peak-day and applicable weather data.
- A. SDR - COS - 10 Please refer to Attachment SDR-COSol0.

ATTACHMENT  
SDR-COS-10

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1B, PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Cubic Feet (MMCF)

	0.	Historical Data		Current Year	Three Year Forecast		
		Index Year 1	Index Year 2	0	1	2	3
		Actual Year 2005	Actual Year 2006	2007	2008	2009	2010
<b>FIRM REQUIREMENTS</b>							
01	Retail Residential	398	276	494	503	507	514
02	Retail Commercial	197	139	244	248	250	253
03	Retail Industrial	1	1	1	1	1	1
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	18	13	20	20	20	20
07	Company use	1	1	1	1	1	1
08	Other	0	0	0	0	0	0
09	Subtotal Firm	615	430	760	773	779	789
<b>INTERRUPTIBLE REQUIREMENTS</b>							
10	Retail	0	0	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	Subtotal Interruptible	0	0	0	0	0	0
14	Subtotal Firm & Interruptible	615	430	760	773	779	789
<b>TRANSPORTATION SERVICE</b>							
	Firm	24	24	20	20	20	20
	Interruptible	73	71	0	0	0	0
	Electric Power Generation	1	6	0	0	0	0
	Subtotal Transportation	98	101	20	20	20	20
19	Total Gas Requirements	713	531	780	793	799	809
20	Increase (Decrease)	713	-182	249	13	6	10
21	Percent Change (%)		-25.5%	46.9%	1.7%	0.8%	1.3%

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GASo2A. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

	Historical Data		Current Year		Three Year Forecast	
	Actual Year	2005	2006	2007	2009	2010
<b>GAS SUPPLY</b>						
01 Texas Eastern Gas Supply			10	10	40	41
02 Transco Gas Supply			10	10	25	25
03 Transco Gas Supply			20	15	20	20
04 Transco Gas Supply			15	5	15	15
05 Transco Gas Supply			10	60	30	30
06 Transco Gas Supply			10	20	20	20
07 Transco Gas Supply			15	5	10	10
08 Transco Gas Supply			0	0	0	0
09 Transco Gas Supply			11	11	1	1
10						
11 Texas Eastern, Gas Supply			11	11	1	1
Subtotal Supply Contracts	183	152	213	211	217	217
12 Seasonal Purchases	32	80	60	20	120	130
13 Underground Storage Withdrawal	243	156	248	20	20	264
14 LNG Storage Withdrawal	134	51	157	157	157	157
15 Propane/Air	25	6	25	25	25	25
16 SNG Purchase	0	0	0	0	0	0
17 Company Production	0	0	0	0	0	0
18 Local Purchases						
19 Exchange with other Utilities	0	0	0			0
20 Other	0	0	0			0
Total Gas Supply for Sales	617	523	703	777	783	793
Total Transportation Service	101	78	77	16	16	16
<b>TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE</b>	<b>718</b>	<b>523</b>	<b>780</b>	<b>793</b>	<b>799</b>	
<b>DEDUCTIONS</b>						
20 Curtailments	0	0	0	0	0	0
21 Underground Storage Injections	0	0	0	0	0	0
22 LNG Liquefaction	0	0	0	0	0	0
23 Sales to other Utilities	0	0	0	0	0	0
24 Off System Sales	0	0	0	0	0	0
Total Deductions	0	0	0	0	0	0
Net Gas Supply	718	523	780	793	799	809

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1B. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Cubic Feet (MMCF)

1

		Historical Data		Current Year	Three Year Forecast		
		-2	-1	0	1	2	3
Index Year Actual Year		2004	2005	2006	2007	2008	2009
<b>FIRM REQUIREMENTS</b>							
00-	Retail Residential	387	398	288	492	497	502
	Retail Commercial	191	197	142	243	245	248
03	Retail Industrial	1	1	1	1	1	1
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	15	18	13	19	19	19
07	Company use	1	1	1	1	1	1
08	Other	0	01	0	0	0	0
09	Subtotal Firm	595	615	445	756	763	771
<b>INTERRUPTIBLE REQUIREMENTS</b>							
10	Retail	0	01	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own. plant	0	0	0	0	0	0
13	Subtotal Interruptible	0	0	0	0	0	0
14	Subtotal Firm & Interruptible	595	615	445	756	763	771
<b>TRANSPORTATION SERVICE</b>							
15	Firm	25	24	19	20	20	20
16	Interruptible	711	731	55	0	0	0
17	Electric Power Generation	8	11	4	0	0	0
18	Subtotal Transportation	104	98	78	20	20	20
19	Total Gas Requirements	699	713	523	776	783	791
20	Increase (Decrease)	699	14	-190	253	7	8
21	Percent Change (%)		2.0%	-26.6%	48.4%	0.9%	1.0%

Company Name: PECO Energy Company (Gas Services Group)  
FORM-IRP-GAS-2A, Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

	Index Year Actual Year	Historical	Current	Three Year		
		Data	Year	Forecast		
		-2   '1	0	2009		
		2004   2005	2006			
<b>GAS SUPPLY</b>						
01	Texas Eastern Gas Supply	30	30	30	30	30
02	Transco Gas Supply	20	10	10	41	41
03	Transco Gas Supply	10	30	30	30	30
04	Transco Gas Supply	15	20	20	20	20
05	Transco Gas Supply	24	15	15	15	15
06	Transco Gas Supply	301	10	10	10	10
07	Texas Eastern Gas Supply	20	10	10	10	~0
08	<del>Texas Eastern Gas Supply</del>	31	15	15	0	0
09	Transco Gas Supply	0	5	0	5	5
10	Texas Eastern Gas Supply	11	1	1	1	1
11	Texas Eastern Gas Supply	11	11	11	11	11
	Subtotal Supply Contracts	164	157	152	173	173
12	Seasonal Purchases	99	81	80	137	144
13	Underground Storage Withdrawal	243	252	156	264	264
14	LNG Storage Withdrawal	81	119	51	157	157
15	Propane/Air	8	6	6	25	~5
16	SNG Purchases	0	0	0	0	0
17	Company Production	0	0	0	0	0
18	Local Purchases	0	0	0	0	0
19	Exchange with other Utilities	0	0	0	0	0
20	Other	0	01	0	0	0
	Total Gas Supply for Sales	595	615	445	756	763
	Total Transportation Service	104	98	78	20	20
	TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	699	713	523	776	791
<b>DEDUCTIONS</b>						
20	Cutbacks		0	0	0	0
21	Underground Storage Injections		0	0	0	0
22	LNG Liquefaction		0	0	0	0
23	Sales to other Utilities		0	0	0	0
24	Off System Sales		0	0	0	0
	Total Deductions		0	0	0	0
	Net Gas Supply	699	713	523	776	783

PLANT OPERATIONS & SYSTEM CONTROL NATURAL GAS LOG

Monday 20-December-2004

TIME ESTIMATE MADE	Original	Update I	Final
ORIGINAL AVG. TEMPERATURE	34	CALL ,A&P CALL A&P	CALLA.&P
UPDATE AVERAGE TEMPERATURE	22	18	16
AVERAGE WIND SPEED	11	11	11
PLANT SENDOUT	41	547,000	600,000
DIRECT PIPELINE CUSTOMER USE	30,700	30,700	34,300
TOTAL SEND-UT	446,700	577,700	630-700
LNG BOIL - OFF	600	600	610
LNG WITHDRAWAL OR INJECTION			46-010
LIQUID PROPANFJNR		1,000	7,000
TURBINE FUEL			
IVAPORIZER FUEL			
TOTAL GAS REQUIRED	446,100	571-100	629-090
GAS REQUIRED STATUS	Need	Need	Cut
AMOUNT	446,100	1,710	2,800
Total Transco PECO Gas	219,847		System Average Btu

7-3 3-11 11-7  
GWJ MDW ADC

DIRECT PIPELINE CUSTOMERS

	Update	F[nel
FAIRLESS HILLS (Information only)	81-399	429
CROMBY	1-000	131
LUKENS -ISG)	6-500	7,306
MERCK	5,400	5-524
TYSURN RD. (USX & Fairless Hills)	16,000	19,176
Total Texas PECO Gas	2,800	3,808
TETCO SUPPLIES ~, STORAGE-	233,308	0

TRANSCO SUPPLIES & STORAGE - DTH,

NS BAS-LOAD (10,000)	0	0	0	0	0	FT.1 LONG TERM
NS SWING (32-419)	0	0	0	0	0	0
FT LONG TERM	145,089	145,089	145,089	145-066	14-5-9	SPOT BASELOAD (Including Paakin-I)
SS-OT BASELOAD (Including Peaking)	21,400	21,400	21,400	21,400	21,400	SS-3 (R'S o 2) 330614
WS	20,000	30,900	36,500	35,000	26,500	r-SS-CNG (FTS- 7) 33171B
\$2	32,142	31,142	31,142	31,142	31,142	-SS.CNG (FTS. 8) 331817
GSS	20-000	54-506	54-308	54, 508	49-583	FEPL
						SS-1

~0,0-6g,0~	~0,076	~0,0-6	~0.0-6
44,865	44,865	44-866	44-8~
11-188	16,188	16,188	16-188
13,-6	13,4~	13,-6	13,486
24,157	24,167	24,167	24,167
9,-0	9,-0	9,-	9,8~
25,-0	2,-,-0	2S,-0	25,-
71-5~	78-114	78-114	~,-0

CUSTOMER TRANSPORT	53-570	53-358	53-358	53-358	53-570	3USTOMER TRANSPORT
TOTAL TRANSCO	29-201	335,3-7	341-997	340 49'		TOTAL TETCO
TRANSCO OPERATOR	John		David			re.TCO OPERATOR
TIME	04:52		1541			TIME

TETCO SENDOUT TOTAL - MCF	2@.~	~"g.200 "	2-00
1.041		2,6.100	~0.600
Close OUT Btu			1.041

TOTAL MCF TRANSCO

TRANSCO B'ru	1.03~	Close Out Btu	328,000
FT	3,000	30go	3,000
EASTERN SHORE OPERATOR			
TIME			
EASTERN SHORE - END - T - TAL - MCF	2.6	2.6	2.1
TOTAL MCF EASTERN SHORE	2.6	2.6	2.1
Remarks:			

UGI SUPPLIES - DTH	100	100	100
UGI SENDOUT TOTAL - MCF	100		673

Monday 20-December-2004



**PLANT OPERATIONS & SYSTEM CONTROL NATURAL GAS LOG**

TIME ESTIMATE MADE

NATURAL GAS PRICE

AVERAGE TEMPERATURE	i -30	29 <sub>1</sub>	29 <sub>1</sub>	29
AVERAGE WIND BPEI-D				13
PLANT SENDOUT	430,000	430,091,000	520,000	5,05,000
DIRECT PIPE, LINE CUSTOMER USE	22,400	24,089,700	26,900	27,200
TOTAL SENDOUT	452,400	454,080,700	546,900	5,32,200
LNG BOIL - OFF	500	499	499	320
LNG WITHDRAWAL OR INJECTION	0			0
LIQUID PROPANE/AIR	0			0
TURBINE FUEL	0			0
VAPORIZER FUEL	0	.0		0
TOTAL GAS REQUIRED	461-900	453,700	617,200	531,880
-AS REQUIRED STATUS	Need	c.l	c.t	CM
AMOUNT	1,19S			21
Total Transco PECO Gas	202,966			0

<b>Final</b>
\$ 8.40
28 28
14 16
502,598
26,848
529,446
335,319
0
0
0
0
529,127
OK
-
0

Transco BTU  
 Transco SG  
 Transco BTU  
 System Average  
 Transco SG  
 =AIRLESS HILLS (Information only)  
 :ROMBY  
 -DDYSTONE  
 .UKENS (Mittal Steel USA)  
 -IERCK  
 F3FEURN RD. (USX & Faldess Hills)  
 total Texas PECO Gas

Friday . 08-December-2006

BTU & SPECJRC GRAVITY

ORIGINAL

0.SS4[E-;le SG ~ 0.5-[36" SG  
 CLOSE OUT  
 0.-84 Eagle SG I 0.597136"  
 1.038 . System Average SG  
 DIRECT PIPELI.,,N.E CUSTOMERS

BTU	1.035
SG	0.592
BTU	1.033
SG	0.5~
SG	0.5-0

0	0	0
4,000	4,000	7,000
6,000	6,100	6,115
4,300	4,00	3,740
14,200	14,200	14,252
~500	~500	2,741
206,8~		-0

TRANSCO SUPPLIES & STORAGE - DTH

PT LONG TERM	139,414	139,414	139,414	139,414
SPOT BASELOAD (Includn-I Peaking)	11,000	11,000	11,000	11,000
\$2	18,000	10,000	18,000	31,142
P-SS	13,000	13,000	20,100	24,600
ESS Storage	0	0	0	0

FT-1 LONG TERM  
 CDS  
 SPOT BASELOAD (Including Peaking)  
 as-3 (m - 2) 330-14  
 CNG (FTS- 7) 331718  
 3SS-CNG (FTS - e) 331617  
 =EPL  
 SS-1  
 Over Injection

TETCO SUPPLIES & STORAGE - OT.I

64,150	64,150	64,150	54-150	64-150	64-150
43,850	43,050	43,850	43,850	43,850	43,850
		5,000	5,000	5,000	5,000
		12,991	12,991	12,991	12,991
8,160	8,160	8,160	8,160	8,160	8,160
9,550	9,550	9,550	9,550	9,850	9,850
16,410	16,410	16,410	16,410	18-410	16-410
29,200	29,200	52,000	70,000	56,800	

CUSTOMER TRANSPORT	49,552	44,2-2	52-552	52-552
TOTAL TRANSCO	243,666	244,666	250,0-6	287,408
TRANSCO OPERATOR	David			
TIME	05:00			

52,552	2,83-486
285,608	

44-7g	44,379	44-15	45-457	46,487	45-487
220,370	222,570	27a-034	275-E55	262 p\$-S	262-894

TRANSCO SENDOUT TOTAL - MCF

TOTAL MCF TRANSCO	278,000	276,200	4,164
TRANSCO BTU	1.034	1.034	

TOTAL MCF TETCO  
 :AGLE BTU

TETCO SENDOUT TOTAL - MCF

1.0391	1.034
--------	-------

EASTERN SHORE SENDOUT TOTAL - DTH

FT	3,0~	3,0~	3,0~	3,000
EASTERN SHORE OPERATOR				JGI OPERATOR
TIME				TIME

JGI OPERATOR  
 TIME

UGI SENDOUT TOTAL - DTH

1.04-	
-------	--

EASTERN SHORE SENDOUT TOTAL - MCF

TOTAL MCF EASTERN SHORE	2,901	2,901	2,902
-------------------------	-------	-------	-------

TOTAL MCF UGI

UGI SENDOUT TOTAL - MCF

5
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Remarks Friday 08-December-2006

Q. SDR - COS - 11 Please provide copies of the Company's daily sendout sheets for November through March of the most recent heating season.

A. SDR - COS - 11 Please refer to Attachment SDR-COS-11.

ATTACHMENT  
**SDR - COS - 11**

**Total Sendout per Day  
2006-2007 Winter**

<u>Day of Mon</u>	No. ___~v	De-c	Ja. ___~n		Mawr
1	156,496	186,042	262,898	467 802	316,521
2	277,578	332,171	368,252	406 024	288,034
3	346,318	346,678	335,711	498 931	321,355
4	323,323	445,494	246,039	578 836	450,806
5	319,216	475,781	154,206	678 678	550,018
6	258,211	334,131	158,781	616 948	616,219
7	184,913	432,295	244,787	642 607	605,577
8	168,109	531,277	365,763	645 097	544,379
9	159,065	427,571	413,988	568 538	447,412
10	166,187	323,728	512,807	567 387	248,247
11	114,125	282,768	430,159	527,170	331,604
12	170,805	273,773	295,617	452 086	278,854
13	164,328	247,118	202,603	569 201	213,357
14	160,617	249,125	239,126	608 597	143,211
15	135,833	265,097	234,310	621 821	284,894
16	133,323	299,680	482,276	611 724	497,988
17	216,756	244,733	535,346	474 963	472,256
18	258,830	253,192	464,887	588 477	451,234
19	291,210	376,400	460,155	547 570	355,683
20	366,720	366,149	542,888	394 024	364,509
21	341,255	321,930	540,998	374 849	343,662
22	358,349	248,410	484,555	435 388	178,342
23	301,232	231,994	467,117	536 580	200,092
24	259,212	280,601	452,770	459 206	230,086
25	267,420	271,351	587,616	477 074	244,675
26	254,755	274,564	590,036	446 335	231,354
27	247,649	389,907	406,885	377 106	137,537
28	199,649	322,590	445,076	410 707	208,468
29	171,505	297,896	570,447		263,595
30	133,139	304,958	506,505		202,750
31		275,515	527,078		219,867

- Q. SDR-COS-12 Please provide a copy of the load duration curve used by the Company for capacity planning purposes. Please also identify the numerical data points shown for each day on the curve.
- A. SDR-COS-12 Refer to Attachment SDR-COS-12 for the daily numerical points requested. The Company does not utilize a load duration curve for capacity planning purposes.

ATTACHMENT  
**SDR - COS - 12**

Area: Dist System Class: Firm

FORECAST DEMAND

Units: MDT

~ Day	OCT 2007	NOV 2007
1	102.881	172.831
2	102.881	172.831
3	102.881	172.831
4	102.881	183.101
5	102.881	183.101
6	102.881	183.101
7	102.881	193.370
8	102.881	193.370
9	102.881	193.370
10	102.881	203.640
11	102.881	203.640
12	102.881	203.640
13	102.881	203.640
14	102.881	213.910
15	102.881	213.910
16	102.881	213.910
17	102.881	224.179
18	102.881	224.179
19	102.881	224.179
20	102.881	234.449
21	102.881	234.449
22	102.881	244.719
23	102.881	244.719
24	102.881	244.719
25	102.881	254.988
26	136.774	254.988
27	136.774	254.988
28	136.774	265.258
29	145.000	265.258
30	145.000	265.258
31	145.000	
Total	3417.350	6540.525
Average	110.237	218.017
Minimum	102.881	172.831
Maximum	145.000	265.258

61 days with non-zero value

Area: Dist System Class: Firm

FORECAST DEMAND

Units: MDT

Day	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	MAY 2Q08	JUN 20"08	JUL 2008	AUG 2008	SEP 2008	OCT 2008	NOV 2008
1	287.184	380.427	400.511	312.730	197.537"	105.299	61.671	38.421	37.991	45 <b>894</b>	103.920	168.594
2	287.184	380.427	400.511	312.730	197.537	95.693	61.671	38.421	37.991	45 <b>894</b>	103.920	168.594
3	298.016	391.473	389.607	312.730	188.230	85.693	61.671	38.421	37.991	45 <b>894</b>	103.920	168.594
4	298.016	391.473	389.607	312.730	188.230	95.693	45.119	38.421	37.991	45 <b>894</b>	103.920	178.537
5	298.016	391.473	389.607	302.166	178.924	95.693	45.119	38.421	37.991	45 <b>894</b>	103.920	178.537
6	308.847	391.473	389.607	302.166	162.172	68.353	45.119	38.421	37.991	45 <b>894</b>	103.920	178.537
7	308.847	391.473	378.703	302.166	162.172	68.353	45.119	38.421	37.991	45 <b>894</b>	103.920	188.481
8	308.847	391.473	378.703	302.166	162.172	68.353	45.119	38.421	37.991	45 <b>894</b>	103.920	188.481
9	308.847	402.520	378.703	291.601	162.172	68.353	45.119	38.421	37.991	<b>45.894</b>	103.920	188.481
io	319.679	402.520	378.703	291.601	162.172	68.353	45 <b>.119</b>	38.421	37.991	" 45.894	103.920	198.425
II	319.679	402.520	378.703	291.601	162.172	68.353	45.119	38.421	37.991	45.894	103.920	198.425
12	330.510	402.520	367.799	291.601	162.172	68.353	45.119	38.421	37.991	45.894	103.920	198.425
13	330.510	402.520	367.799	281.037	162.172	68.353	45.119	38.421	37.991	45.894	103.920	198.425
14	330.510	402.520	367 <b>799</b>	281.037	162.172	68.353	45.119	38.421	37.991	45.894	103.920	208.368
15	341.342	402.520	367 <b>799</b>	270.473	162.172	68.353	45 <b>.119</b>	38.421	37.991	45.894	103.920	208.368
16	341 342	402.520	356 895	270.473	125.566	68.353	45.119	38.421	37.991	<b>45.894</b>	103.920	208.368
17	341 342	402.520	356 895	259.908	125.566	68.353	45 <b>.119</b>	38.421	37.991	45.894	103.920	218.312
18	341 342	402.520	356 895	259.908	125.566	68.353	45.119	38.421	37.991	45.894	103.920	218.312
19	352 173	402.520	356 895	259.908	125.566	68.353	45.119	38.421	37.991	45.894	103.920	218.312
20	352 173	402.520	356 895	249.344	125.566	68.353	45 119	38.421	37.991	45.894	103.920	228.256
21	352 173	402.520	345 991	249.344	125.566	68.353	45 119	38 421	37.991	45.894	103.920	228.256
22	352 173	402.520	345 991	249.344	125.566	68.353	45 119	38 421	37.991	45.894	103.920	238.199
23	363 005	402.520	345 991	238.780	125.566	68.353	45 119	38 421	37.991	45.894	103.920	238.199
24	363 005	402.520	345 991	238.780	125.566	68.353	45 119	38 421	37.991	45.894	103.920	238.199
25	363 005	402.520	335 087	238.780	125.566	68.353	45 119	38 421	37.991	45.894	103.920	248.143
26	363 005	402.520	335 087	228.215	125.566	68.353	45 119	38 421	37.991	45.894	138 357	248.143
27	363 005	402.520	335 087	228.215	125.566	68.353	45 119	38 421	37.991	61.599	138 357	248.143
28	373 837	402.520	324 183	228.215	125.566	68.353	45.119	38 421	37.991	61.599	138 357	258.087
29	373.837	402.520	324 183	217.651	125.566	68.353	45.119	38 421	37.991	69.023	146 715	258.087
30	373.837	402.520		217.651	125.566	68.353	45.119	38 421	37.991	69.023	146 715	258.087
31	373.837	402.520		217.651		68.353		38 421	37.991		146 715	
Total	10419.125	12367.650	10546.225	8310.700	4455.675	2265.250	1403.225	1191.050	1177.725	1454.475	3453.225	6370.375
Average	336.101	398.956	363.663	268.087	148.522	73.073	46.774	38.421	37.991	48.483	111.394	212.346
Minimum	287.184	380.427	324.183	217.651	125.566	68.353	45.119	38.421	37.991	45.894	103.920	168.594
Maximum	373.837	402.520	400.511	312.730	197.537	105.299	61.671	38.421	37.991	69.023	146.715	258.087

366 days with non-zero value

Q. SDR-COS-13 Please provide the following for the Company's ten largest transportation customers during peak month of the most recent heating season:

- a) actual consumption
- b) volume delivered to the Company on their behalf, if applicable
- c) daily nomination

A. SDR-COS-13 The peak month for the most recent full heating season of 2006-2007 was February 2007.

- a) Refer to Table 2-1
- b) Refer to Table 2-1
- c) Third party suppliers do not nominate gas for individual customers on a daily basis. They nominate daily the amount of gas necessary to serve all of their customers in the aggregate. At the end of the month, the suppliers allocate the amount of their aggregate deliveries to be applied to each individual customer. The Monthly allocations for the 10 largest customers in the peak month of February 2007 are in Table 2-1.

Table 2-1

Customer	Monthly Rank	Monthly Consumption (Mcf)	Monthly Deliveries (Dth)
M1	1	413,699	420,725
E	2	199,259	181,295
L	3	130,790	135,277
CTP		89,370	98,564
U		87,897	86,866
		53,555	52,923
c1		34,472	35,202
Y4		29,080	27,114
SI		29,011	28,800
N		19,860	19,780

Q. SDR-COS-14 Please provide a summary identifying the salient features of each of the following. Salient features include contract party, effective term and applicable contract quantities (daily, annual, seasonal, etc.).

- a) All firm transportation agreements by type greater than one month in length. Indicate whether the capacity is available at the Company's citygate to meet design day requirements or is upstream capacity. Identify the downstream pipeline for each upstream arrangement.
- b) All firm, storage gathering and exchange agreements. Indicate if each agreement provides design day capacity at the citygate or requires separate transportation (identify) service to effectuate delivery. Include on-system storage and peak shaving facilities used by the Company and identify all ratcheting provisions applicable to the Company's contractual and on-system storage arrangements.

A. SDR-COS-14

- a) Refer to Attachment SDR-COS-14A for a listing of all firm transportation agreements, the term, and daily, seasonal and yearly quantities.

Refer to Attachment SDR-COS-14B for information on receipt and delivery locations as well as downstream contracts for all firm transportation held by the Company.

- b) Refer to Attachment SDR-COS-14A for details, including ratchets, term, and daily maximum withdrawals and injections as well as maximum inventory capacity for all firm storage agreements, as well as the requested information for the Company's two on-system peak shaving facilities.

Refer to Attachment SDR-COS-14B to identify the deliverability of each storage service to the Company's citygate.

**ATTACHMENT  
SDR-COS-14A**

PECO ENERGY COMPANY

GAS SUPPLY & TRANSPORTATION

ABSTRACT OF NATURAL GAS CONTRACTS

AS OF

JANUARY 25, 2008

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**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #3222
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	3 Years
Initial Contract Date:	11/1/05
Contract Expiration Date:	10/31/08
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	10,000 dth per day
Factor:	365 days
Yearly Maximum:	3,650,000 dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	None
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #3206
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	2 Years
Initial Contract Date:	04/01/07
Contract Expiration Date:	03/31/09
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	10,000 dth per day Nov-Mar 5,000 dth per day Apr-Oct
Factor:	365 days
Yearly Maximum:	1,510,000 dth Nov-Mar 1,070,000 dth Apr-Oct
Fuel (%):	See Transco FT Service
Minimum Take Level:	None
Nomination/Scheduling Requirements:	Refer to Tadff
Other Terms & Conditions:	None
Most Recent Negotiation:	

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #3217
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term: termination notice.	1-year          Evergreen--unless 3 monks
Initial Contract Date:	<b>11/1/94</b>
Contract Expiration Date:	10/31/09
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	15,000 dth per day
Factor:	365 Days
Yearly Maximum:	5,465,000 dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	None
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #3206
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	2 Years
Initial Contract Date:	04/01/07
Contract Expiration Date:	10/31/09
Quality of Service:	Firm
Availability:	
Daily Maximum:	30,000 dth per day Nov-Mar 15,000 dth per day Apr-Oct
Factor:	365 days
Yearly Maximum:	4,530,000 dth Nov-Mar 3,210,000 dth Apr-Oct
Fuel (%):	
Minimum Take Level:	
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #3206
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	5 Months
Initial Contract Date:	11/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	30,000 dth per day
Factor:	152 Days
Yearly Maximum:	4,560,000 dth's
Fuel (%):	See Transco FT service
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #6429
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	4 Months
Initial Contract Date:	01/01/07
Contract Expiration Date:	02/29/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	20,000 dth per day
Factor:	121 days
Yearly Maximum:	2,420,000 dth
Fuel (%):	See Transco FT service
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tadff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract 6429
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	2 Months
Initial Contract Date:	01/01/08
Contract Expiration Date:	02/29/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	25,000 dth per day
Factor:	60 Days
Yearly Maximum:	1,500,000 dth's
Fuel (%):	See Transco FT service
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract 5006
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract 5000
Contract Term:	3 Months
Initial Contract Date:	12/01/07
Contract Expiration Date:	02/29/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	4,554 dth
Factor:	91 days
Yeady Maximum:	414,414 dth
Fuel (%):	See Transco FT s~rvice
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tadff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract 5006
Delivering Pipeline & Contract No.:	Transco Delivered Supply
Associated Transportation Contract:	Transco F-I" Contract 3693
Contract Term:	3 Months
Initial Contract Date:	12/01/07
Contract Expiration Date:	02/29/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	5,000 dth
Factor:	91 days
Yearly Maximum:	455,000 dth's
Fuel (%):	See Transco FT service
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract 5104
Delivering Pipeline & Contract No.:	Dominion/Transco
Associated Transportation Contract:	Transco FT Contract 3693
Contract Term:	4 Months
Initial Contract Date:	12/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	30,230 dth
Factor:	122 days
Yearly Maximum:	3,688,060 dth's
Fuel (%):	See Transco FT service
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #5006
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	5 Months
Initial Contract Date:	11/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	9,700 dth per day
Factor:	152 days
Yearly Maximum:	1,474,400 dth
Fuel (%):	Refer to Tadff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #5006
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	5 Months
Initial Contract Date:	11/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	2,300 dth per day
Factor:	152 days
Yearly Maximum:	349,600 dth
Fuel (%):	Refer to Tariff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #5006
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	5 Months
Initial Contract Date:	12/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	12,000 dth per day
Factor:	91 days
Yeady Maximum:	1,092,000 dth
Fuel (%):	Refer to Tariff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #3206
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	5 Months
Initial Contract Date:	11/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	10,033 dth per day
Factor:	152 days
Yeady Maximum:	1,525,016 dth
Fuel (%):	Refer to Tadff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tadff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #3206
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 800231 Texas Eastern Transmission CDS 800407 Texas Eastern Transmission FT 910510
Contract Term:	5 Months
Initial Contract Date:	11/01/07
Contract Expiration Date:	03/31/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	10,033 dth per day
Factor:	152 days
Yeady Maximum:	1,525,016 dth
Fuel (%):	Refer to Tadff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #5076
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern FTS-2-330614
Contract Term:	3 Months
Initial Contract Date:	12/01/07
Contract Expiration Date:	02/29/08
Quality of Service:	Firm
Availability:	Winter Only
Daily Maximum:	991 dth per day
Factor:	91 days
Yeady Maximum:	90,181 dth
Fuel (%):	Refer to Tariff
Minimum Take Level:	Monthly nominated volume
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	10/2007

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern Transportation FT
Delivering Pipeline & Contract No.:	Texas Eastern Contract #910566
Associated Contract:	
Contract Term:	10 years
Initial Contract Date:	11/01/05
Contract Expiration Date:	10/31/15
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	29,210 dth per day
Factor:	365 days
Yearly Maximum:	10,661,650
Fuel	Refer to Tadff
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	2005

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Transco FT Trenton Woodbury
Delivering Pipeline & Contract No.:	Transco
Associated Contract:	none
Initial Contract Date:	4/11/02
Contract Expiration Date:	10/31/13 (with 12 months notice contract Maybe extended for 5 years)
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	30,000
Factor:	N/A
Yearly Maximum:	10,950,000
Fuel (%):	Refer to Tariff
Nomination/Scheduling Requirements:	Refer to Tariff

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Equitrans STS (Storage Transportation Service)
Delivering Pipeline & Contract No.:	Equitrans #STS-1
Associated Contract:	Equitrans SS-3 Storage (transportation of gas to storage)
Contract Term:	9 Years
Initial Contract Date:	9/1/93
Contract Expiration Date:	3/31/09. Evergreen is automatic unless notice is given 12 months before expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	6,531 dth (Base) 12,495 dth (Winter)
Factor:	N/A
Yearly Maximum:	3,284,379 dth
Fuel (%):	N/A
Nomination/Scheduling Requirements:	Refer to tariff.
Other Terms & Conditions:	Schedule Overrun Transportation Service. Equitrans may, at its discretion, allow PECO to receive, transport, and deliver natural gas in excess of the transportation contract demand. This service will have a priority equal to interruptible transportation service.
Most Recent Negotiation:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 (Firm Transportation Service)
Delivering Pipeline & Contract No.:	Texas Eastern #800231
Associated Contract:	Texas Eastern GasSupply Contracts, 30-day supplies
Contract Term:	6 years
Initial Contract Date:	6/1/93
Contract Expiration Date:	10/31/10 - Evergreen is automatic unless termination notice is given 2 years prior to expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	35,000 dth
Factor:	365 days
Yearly Maximum:	12,775,000 dth
Fuel (%):	Fuel rates are seasonal. See tariff.
Nomination/Scheduling Requirements:	Refer to tariff.
Operating Restrictions:	Scheduling of gas in the access area should not exceed the Operational Segment Capacity Entitlements.
Other Terms & Conditions:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern CDS (Comprehensive Delivery Service)
Delivering Pipeline & Contract No.:	Texas Eastern #800407
Associated Contract:	Texas Eastern Gas Supply Contracts, 30day supplies
Contract Term:	6 years
Initial Contract Date:	6/1/93
Contract Expiration Date:	10/31/10 - Evergreen is automatic unless termination notice is given 2 years prior to the expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	49,286 dth
Factor:	365 days
Yearly Maximum:	17,989,390 dth
Fuel (%):	Fuel rates are seasonal - (Zone STX to M3)
Nomination/Scheduling Requirements:	Refer to tariff.
Operating Restrictions:	Scheduling of gas in the access area should not exceed the Operational Segment Capacity Entitlements.
Other Terms & Conditions:	CDS is a "no-notice" service which enables PECO to: 1. Increase or decrease deliveries out of Texas Eastern's system without matching changes to receipts into Texas Eastern for up to 2 business days; and 2. Schedule pre-injection into Texas Eastern's system without matching changes to deliveries out of Texas Eastern for up to 2 business days. PECO must notify Texas Eastern with a LINK nomination of its intention to take the above steps. Within 2 business days of the commencement of "no-notice" service, scheduled receipts and scheduled deliveries must be made equal and an imbalance correction must be scheduled.

PECO Energy Natural Gas Contract Information  
Transportation Contract

Name & Type of Service:	Texas Eastern IT-1 Interruptible Transportation
Delivering Pipeline & Contract No.:	Texas Eastern #331040
Contract Term:	1 year
Initial Contract Date:	6/1/88
Contract Expiration Date:	03/31/09- Evergreen is automatic unless termination is given 1 year prior to expiration date.
Quality of Service:	Interruptible
Availability:	Year round (as available)
Daily Maximum:	10,000 dth
Factor:	365 days
Yearly Maximum:	N/A
Fuel (%):	See Tariff
Nomination/Scheduling Requirements:	Refer to tadff
Operating Restrictions:	None
Other Terms and Conditions:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-2 Firm Transportation
Delivering Pipeline & Contract No.:	Texas Eastern #330614
Associated Contract:	Equitrans SS-3 Storage (delivery of storage withdrawals)
Contract Term:	10 years
Initial Contract Date:	8/11/94
Contract Expiration Date:	3/31/09      Evergreen is automatic unless termination notice is given 1 year prior to expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	13,466 dth
Factor:	365 Days
Yeady Maximum:	4,922,390 dth
Fuel (%):	None
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None.
Other Terms & Conditions:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-7 Firm Transportation Service
Delivering Pipeline & Contract No.:	Texas Eastern #331718
Associated Contract:	CNG GSS (delivery of storage withdrawals)
Contract Term:	21 years
Initial Contract Date:	11/1/94
Contract Expiration Date:	4/15/15 Evergreen is automatic unless termination notice is given 2 years pdor to expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	24,170 dth
Factor:	N/A
Yeady Maximum:	N/A
Fuel (%):	2%
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None.
Other Terms & Conditions:	None.

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-8 Firm Transportation Service
Delivering Pipeline & Contract No.:	Texas Eastern #331817
Associated Contract:	CNG GSS (delivery of storage withdrawals)
Contract Term:	21 Years
Initial Contract Date:	11/1/94
Contract Expiration Date:	4/15/15- Evergreen is automatic unless termination notice is given 2 years prior to expiration date
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	9,850 dth
Factor:	N/A
Yearly Maximum:	N/A
Fuel (%):	1.5%
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None
Other Terms & Conditions:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 FLEX
Delivering Pipeline & Contract No.:	Texas Eastern #800503
Associated Contract:	Texas Eastern LLFT. Panhandle Eastern EFT. Panhandle Eastern FS.
Contract Term:	20 years
Initial Contract Date:	11/1/95
Contract Expiration Date:	10/31/15 Evergreen 5 years notice
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	29,210 Dth
Factor:	N/A
Yearly Maximum:	N/A
Fuel (%):	None
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern LLFT
Delivering Pipeline & Contract No.:	Texas Eastern #870162
Associated Contract:	Panhandle Eastern EFT and EIT. Texas Eastern FT-1 and CDS
Contract Term:	20 years
Initial Contract Date:	5/1/95
Contract Expiration Date:	03/31/15 Evergreen 5 years notice.
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	14,739 Dth/d (Summer Period -April - Nov) 30,487 Dth/d (Winter Pedod (Dec- March)
Factor:	N/A
Yearly Maximum:	N/A
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tadff
Other Terms & Conditions:	Nominations made by Texas Eastern as per Agency Agreement.

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Transco Firm <i>Transportation</i> (FT)
Delivering Pipeline & Contract No.:	Transco Contract #3693 & 5000
Associated Contract:	Transco Gas Supply Contracts, WSS, 30-day supplies
Contract Term:	15 years
Initial Contract Date:	2/1/72
Contract Expiration Date:	7/31/11 Evergreen 3 years notice
Quality of Service:	Firm
Availability:	Year round
Daily Maximum:	154,278 dth per day (Mar-Nov) 158,832 dth per day (Dec-Feb)
Factor:	365 days
Yearly Maximum:	56,721,330 dth
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tadff
Operating Restrictions:	Telescoping capacity limits exist in Transco's production area
Other Terms & Conditions	Eminence Storage Withdrawal Service is available as a back-up supply during force majeure events. Available gas supplies are allocated on a pro rate basis among all buyers nominating the service. Buyer is required to replace volumes withdrawn within 30 days.

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Panhandle Eastern EFT (Enhanced Firm Transportation)
Delivering Pipeline & Contract No.:	Panhandle Eastern #013876
Associated Contract:	Panhandle Eastern FS #013875
Contract Term:	20 years
Initial Contract Date:	5/1/95
Contract Expiration Date:	3/31/15
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	14,043 Dth; (Apr-Oct) 29,973 Dth (Nov-Mar)
Factor:	N/A
Yearly Maximum:	N/A
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Panhandle Eastern EIT (Enhanced Interruptible Transportation)
Delivering Pipeline & Contract No.:	Panhandle Eastern #013946
Associated Contract:	Panhandle Eastern FS #013875
Contract Term:	20 years
Initial Contract Date:	5/1/95
Contract Expiration Date:	3/31/15
Quality of Service:	Interruptible
Availability:	Year Round
Daily Maximum:	30,000 Dth
Factor:	N/A
Yearly Maximum:	N/A
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Tetco FT-1
Delivering Pipeline & Contract No.:	Texas Eastern #800523
Contract Term:	20 years
Initial Contract Date:	11/1/97
Contract Expiration Date:	10/31/17 (5 years notice)
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	120,000 Dth
Factor:	N/A
Yeady Maximum:	N/A
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Eastern Shore FT-1
Delivering Pipeline & Contract No.:	Eastern Shore #010044
Contract Term:	10 years
Initial Contract Date:	11/1/01
Contract Expiration Date:	10/31/11 (8 months notice prior to termination).
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	8,000 dth per day
Additional Capacity:	9,000 dth per day 11/01/13 11,000 dth per day 11/01/14 12,000 dth perday 11/01/15
Factor:	N/A
Yearly Maximum:	2,920,000 3,285,000 11/01/13 4,015,000 11/01/14 4,380,000 11/01/15
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tadff
Other Terms & Conditions	
Most Recent Negotiation:	

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Transco Zone 6 FT Leidy East
Delivering Pipeline & Contract No.:	Transco # 1044182
Contract Term:	10 years 2 years prior notice to terminate
Initial Contract Date:	6/01/01
Contract Expiration Date:	11/01/13
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	30,000 dth per day
Factor:	N/A
Yearly Maximum:	10,950,000
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Dominion FT
Delivering Pipeline & Contract No.:	Dominion #200355
Associated Contract:	Transco Zone 6 Leidy
Contract Term:	10 years
Initial Contract Date:	11/1/03
Contract Expiration Date:	10/31/13
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	30,230 dth per day
Factor:	365 days
Yeady Maximum:	11,033,950
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions	None
Most Recent Negotiation:	4/01/03

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern Transportation FT
Delivering Pipeline & Contract No.:	Texas Eastern Contract #9105100
Associated Contract:	
Contract Term:	10 years
Initial Contract Date:	11/1/04
Contract Expiration Date:	10/31/14
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	35,000 dth per day
Factor:	365 days
Yearly Maximum:	12,775,000
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to Tariff
Other Terms & Conditions	None
Most Recent Negotiation:	2004

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	UGI XD Firm
Delivering Pipeline & Contract No.:	Texas Eastern #1801
Associated Contract:	
Contract Term:	10 years
Initial Contract Date:	12/01/02
Contract Expiration Date:	12/01/12 Evergreen (1 year notice)
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	3,360 dth's per day
Factor:	365 days
Yearly Maximum:	1,226,400
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions	
Most Recent Negotiation:	2002

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Equitrans ITS Interruptible Transportation
Delivering Pipeline & Contract No.:	Equitrans #ITS-118
Associated Contract:	Equitrans SS-3 Storage (transportation of gas to storage)
Contract Term:	1 Year
Initial Contract Date:	8/4/92
Contract Expiration Date:	9/1/99 - Evergreen is automatic
Quality of Service:	Interruptible
Availability:	Year round (as available)
Daily Maximum:	12,000 dth
Factor:	365 days (as available)
Yearly Maximum:	N/A
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	None

**PECO Energy Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern IT-1 Interruptible Transportation
Delivering Pipeline & Contract No.:	Texas Eastern #10465
Contract Term:	1 year
Initial Contract Date:	6/1/88
Contract Expiration Date:	03/31/09 - Evergreen is automatic unless termination is given 12 months prior to expiration date.
Quality of Service:	Interruptible
Availability:	Year round (as available)
Daily Maximum:	283,000 dth
Factor:	365 days
Yearly Maximum:	103,295,000
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None
Other Terms and Conditions:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Texas Eastern LLIT
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Contract:	Texas Eastern LLFT
Contract Term:	1 Year (Month to Month thereafter unless terminated)
Initial Contract Date:	11/1/95
Contract Expiration Date:	10/31/08
Quality of Service:	Interruptible
Availability:	Year round
Daily Maximum:	15,746 Dth
Factor:	N/A
Yeady Maximum:	N/A
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions:	

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Equitrans ISS-100 Interruptible Transportation
Delivering Pipeline & Contract No.:	Equitrans
Associated Contract:	Equitrans SS-3 Storage (transportation of gas to storage)
Contract Term:	6 Year
Initial Contract Date:	3/23/93
Contract Expiration Date:	3/23/99 - Evergreen is automatic
Quality of Service:	Interruptible
Availability:	Year round (as available)
Daily Maximum:	50,000 dth
Factor:	365 days (as available)
Yearly Maximum:	N/A
Fuel (%):	Refer to tadff
Nomination/Scheduling Requirements:	Refer to tariff
Other Terms & Conditions:	None
Most Recent Negotiation:	None

**PECO Natural Gas Contract Information  
Transportation Contract**

Name & Type of Service:	Tetco IT
Delivering Pipeline & Contract No.:	Texas Eastern #331029
Contract Term:	6 years
Initial Contract Date:	<b>8/11/94</b>
Contract Expiration Date:	4/15/12 Evergreen 5 years notice
Quality of Service:	Interruptible
Availability:	Year Round
Daily Maximum:	1,460
Factor:	N/A
Yearly Maximum:	540,200
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tadff
Other Terms & Conditions	
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information  
Underground Storage Contract**

<b>Name &amp; Type of Service:</b>	<b>Texas Eastern ISS-1</b>
Delivering Pipeline & Contract No.:	
Associated Contract:	
Contract Term:	
Initial Contract Date:	5/1/01
Contract Expiration Date:	5/01/08 Evergreen (30 days notice)
Quality of Service:	Firm (Unbundled)
Availability (Withdrawal):	Winter Period: Nov 1 - March 31
Daily Maximum Withdrawal:	8,333 dth
Injection Period:	Summer Period: April 1-October 31
Daily Maximum Injection:	2,570 dth
Maximum Storage Quantity	500,000 dth
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None
Other Terms & Conditions	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	CNG GSS Storage Service (Formerly Texas Eastern SS-2 and SS-3)
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Contract:	Texas Eastern FTS-7 Contract #331718 Texas Eastern FTS-8 Contract #331817
Contract Term:	15 years
Initial Contract Date:	10/1/93
Contract Expiration Date:	3/31/10 - Evergreen (2 Years notice)
Quality of Service:	Firm (Unbundled)
Availability (Withdrawal):	Year round
Daily Maximum Withdrawal:	34,020 dth* <u>Inventory %</u> <u>W/D Rate</u>
	>35% 34,020
	<35% 31,302
	<16 % 23,818
	<10% 21,436
Injection Period:	Year Round
Daily Maximum Injection:	18,478 dth
Maximum Storage Quantity	3,326,029 dth
Fuel (%):	Refer to tariff
Nomination/Scheduling Requirements:	Refer to tadff
Operating Restrictions:	None
Other Terms & Conditions	Upon notification of CNG and Texas Eastern, excess injections or withdrawals may be made (not to exceed daily maximum quantities) on any day that measured quantities are greater than or less than the scheduled quantities. Note: CNG GSS storage withdrawals are transported on two Texas Eastern contracts as follows: 24,170 dth can be transported on FTS-7 Contract #331718 9,850 dth can be transported on FTS-8 Contract #3318170

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Equitrans SS-3 Storage Service	
Delivering Pipeline & Contract No.:	Texas Eastern FTS-2 #330614 (Storage Withdrawals) Equitrans STS and ITS (Deliveries to Storage)	
Contract Term:	11 years	
Initial Contract Date:	9/1/93	
Contract Expiration Date:	Evergreen is automatic unless wdtten notification is given 12 months before expiration date.	
Quality of Service:	Firm (Unbundled)	
Availability (Withdrawal):	Year round	
Daily Maximum Withdrawal:	% of Storage Inventory	Maximum Withdrawal Quantity
	100% - 17%	12,495 (110% of MDWQ)
	Below 17%	11,359 (100% of MDWQ)
	Higher withdrawal levels will be accommodated by Equitrans on a best-efforts basis.	
Injection Pedod:	Year Round	
<i>Dally</i> Maximum Injection:	6,531 dth	
Maximum Storage Quantity	1,306,250 dth - Total Annual Storage Quantity (TASQ)	
Fuel (%):	<b>Refer to tariff</b>	
Nomination/Scheduling Requirements:	<b>Refer to tariff</b>	
Operating Restrictions:	None	
Other Terms & Conditions	Each year PECO is required to inject 97% of its TASQ on or before October 31 and to withdraw 75% of its TASQ on or before March 31.  Storage Overrun Service - Equitrans may, at its discretion, allow PECO to inject or withdraw gas in excess of the MDIQ and MDWQ. This service shall receive a priority in the first-come/first served queue equal to any requests for intermptible storage service.	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Texas Eastern SS-1 Storage Service	
Delivering Pipeline & Contract No.:	Texas Eastern #400120R	
Contract Term:	7 years	
Initial Contract Date:	6/1/93 - re-negotiated 5/27/98	
Contract Expiration Date:	4/30/11 - Evergreen is automatic unless written termination notice is given 2 years prior to expiration date.	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	Year round	
Daily Maximum Withdrawal:	% of Storage Inventory	Maximum Withdrawal Quantity
	>30%	78,114 dth
	< 30%	57,760 dth
	< 20%	43,038 dth
	<10%	9,327 dth
Injection Period:	Year Round	
Daily Maximum Injection:	28,333 dth	
Maximum Storage Quantity	5,512,157 dth	
Fuel (%):	Refer to tadff	
Nomination/Scheduling Requirements:	Refer to tariff	
Operating Restrictions:	None	
Other Terms & Conditions	<p>This is a no-notice service which may be designated to "take the swing" on any days that measured delivered quantities are greater than or less than the scheduled quantities.</p> <p>Excess <i>withdrawals</i> from SS-1 may be available on an interruptible basis if delivery can be accomplished without detriment to pipeline's ability to meet its firm obligations to other customers.</p> <p>Excess injections into SS-1 may be available on an interruptible basis under the same conditions for excess withdrawals.</p>	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Transco GSS Storage Service	
Delivering Pipeline & Contract No.:	Transco	
Contract Term:	20 years	
Initial Contract Date:	4/1/72 - re-negotiated 5/27/98	
Contract Expiration Date:	3/31/13	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	Year round	
Daily Maximum Withdrawal:	% of Storage Inventory	Maximum Withdrawal Quantity
	100% - 35%	54,508 dth
	35 - 20%	53,963 dth
	20 - 7%	40,336 dth
	< 7%	29,980 dth
Injection Period:	Year Round	
Daily Maximum Injection:	14,818 dth - below 50% inventory 12,463 dth - above 50% inventory	
Maximum Storage Quantity	2,667,189 dth	
Fuel (%):	Refer to tariff	
Nomination/Scheduling Requirements:	Refer to tariff	
Operating Restrictions:	None	
Other Terms & Conditions	During the period from October 1 through April 30, excess GSS deliveries may be <i>available</i> if delivery can be made without adverse effect on Transco's operations.	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Transco WS Storage Service	
Delivering Pipeline & Contract No.:	Transco	
Associated Transportation Contract:	Transco FT Contract 3693	
Contract Term:	20 years	
Initial Contract Date:	8/1/91	
Contract Expiration Date:	3/31/02 Evergreen I year notice	
Quality of Service:	Firm (Unbundled)	
Availability (Withdrawal):	Year round	
Daily Maximum Withdrawal:	% of Storage Inventory	Maximum Withdrawal Quantity
	100% - 81%	43,382 dth
	80 - 61%	38,816 dth
	60 - 41%	35,119 dth
	40 - 21%	29,500 dth
	20 - 0%	23,270 dth
Injection Period:	Year Round	
Daily Maximum Injection:	20,466 dth if balance < 50% full 17,231 dth -if balance > 50% full	
Maximum Storage Quantity	3,687,492 dth	
Fuel (%):	Refer to tariff	
Nomination/Scheduling Requirements:	Refer to tariff	
Operating Restrictions:	None	
Other Terms & Conditions	None	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Transco S-2 Storage Service	
Delivering Pipeline & Contract No.:	Transco	
Contract Term:	20 years -11/15/93	
Initial Contract Date:	12/23/53	
Contract Expiration Date:	04/16/07 Annual Renewal	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	November 16 - April 15	
Daily Maximum Withdrawal:	Withdrawal Period	Maximum Withdrawal Quantity
	11/16-2/15	31,142 dth
	2/17-3/31	30,559dth to5833 dth
	4/01-4/15	5,832 dth
	<u>Period</u>	Minimum Storage Inventory
	11/16-2/15	730,816
	11/16-3/15	215,735
	11/16-4/15	52,369
Injection Period:	April 16 - November 15	
Daily Maximum Injection:	23,778 dth	
Maximum Storage Quantity	2,799,327 dth	
Fuel (%):	Refer to tariff	
Nomination/Scheduling Requirements:	Refer to tariff	
Operating Restrictions:	None	
Other Terms & Conditions	None	

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Transco ESS Eminence Storage Service #1018463
Delivering Pipeline & Contract No.:	Transco
Contract Term:	20 years
Initial Contract Date:	11/1/93
Contract Expiration Date:	03/01/10 - Evergreen is automatic unless notification is given 6 months before termination date.
Quality of Service:	Firm (Unbundled)
Availability (Withdrawal):	Year round
Daily Maximum Withdrawal:	75,755 dth
Injection Period:	Year Round
Daily Maximum Injection:	5,050 dth
Maximum Storage Quantity	757,984 dth
Fuel (%):	None
Nomination/Scheduling Requirements:	Refer to tariff
Operating Restrictions:	None
Other Terms & Conditions:	Production area storage. Does not include transportation.

**PECO Natural Gas Contract Information  
Underground Storage Contract**

Name & Type of Service:	Panhandle Eastern FS Storage Service	
Delivering Pipeline & Contract No.:	Panhandle Eastern #013875	
Associated Contract:	Panhandle Eastern EFT #013876	
Contract Term:	20 years	
Initial Contract Date:	5/1/95	
Contract Expiration Date:	3/31/15	
Quality of Service:	Firm (Unbundled)	
Availability (Withdrawal):	Winter Period: Nov 1 - March 31	
Daily Maximum Withdrawal:	30,511 dth	
Injection Period:	Summer Period: Apdl 1-October 31	
Daily Maximum Injection:	13,730 dth	
Maximum Storage Quantity	2,745,990 dth	
Fuel (%):	Refer to tariff	
Nomination/Scheduling Requirements:	Refer to tariff	
Operating Restrictions:	None	
Other Terms & Conditions	Percentage of Stored Volume To Maximum Stored Quantity	Average Withdrawal Quantities
	>20%	29,210 Dth
	<30%	21,908 Dth
	<10%	17,526 Dth

Nominations to be made by Texas Eastern through Agency Agreement.

**PEAK Shaving Information**

	<u>Liquefied Natural Gas</u>	<u>Propane-Air</u>
Storage:	1,200,000 Mcf	176,157 Mcf 1,980,000 Gal
Daily Output Capacity:	157,000 Mcf	25,000 Mcf
Daily Input Capacity:	6,000 Mcf	N/A
Maximum Season:	1,200,000 Mcf	Unlimited with truck delivery of propane
Location:	West Conshohocken Pennsylvania	Chester, Pennsylvania

**PECO Natural Gas Contract Information  
Peaking Supply**

Name & Type of Service:	Peaking Service 1 #4203
Delivering Pipeline & Contract No.:	Transco
Associated <i>Transportation</i> Contract:	Delivered to PECO City Gate
Contract Term:	18 Years
Initial Contract Date:	9/26/95
Contract Expiration Date:	3/31/13
Quality of Service:	Firm
Availability:	November-March
Daily Maximum:	1999 - 00 25,000 dth per day 2000 - 01 38,000 dth per day 2001 - 13 20,000 dth per day
Factor:	10 days
Yearly Maximum:	1999 - 00 250,000 dth 2000 - 01 380,000 dth 2001 - 13 200,000 dth
Fuel (%):	N/A
Minimum Take Level:	None
Nomination/Scheduling Requirements:	In August of each year notification must be given for winter volumes. There are only ten days which this gas can be called on, even if the Max volume for a given day is not utilized. Gas must be requested one day prior to flow.
Other Terms & Conditions:	None
Most Recent Negotiation:	6/25/98

ATTACHMENT  
SDR-COS-14B

Attachment SOR-COS-14B

<b>-O-,AGE CONTRACT</b>	<b>AREA</b>	<b>ASSOC TRANSPORT</b>	<b>TRANSPORTATION USED FOR</b>
DTI GSS	MARKET	CDS or FT-1 FTS-7 FTS-8	to storage to PECO to PECO
TETCO SS-1	MARKET	CDS OR FT-1	Storage includes bundled transport to PECO CDS or FT-1 needed to storage
TRANSCO GSS	MARKET	TRANSCO FT	Storage includes bundled transport to PECO FT needed to storage
TRANSCO WSS	PRODUCTION	TRANSCO FT	transport needed to storage and to PECO
TRANSCO ESS	PRODUCTION	TR,a-SCO Ft"	transport needed to storage and to PECO
TRANSCO S2	MARKET	TRANSCO FT	Storage =ndud- bundled transpo-l to PECO FT needed to storage
PEPL FS	MIDWEST	PEPL EFT TETCO LLFT M2M2 FLEX X	to and from storage to TETCO for del to EFT or from EFT to M2 leg to Flex X leg to PECO
EQUIS-3	PRODUCTION	EQUI STS TETCO FTS2 TEICO CDS OR FT	to and from storage to TETCO from storage to PECO from production to storage

<b>TRANSPORTATION CONTRACT</b>	<b>PIPELINE</b>	<b>TYPICAL RECEIPT POINT</b>	<b>DELIVERY POINTS</b>	<b>-WNSTREAM CONTRACT</b>
TETCO CDS	EETCO	PRODUCTION AREA	PECO CITY GATE	-OT APPLICABLE
TETCO FT #800231	I'ETCO	PRODUCTION AREA	PECO CITY GATE	-OT APPLICABLE
TEI'CO FT#910510	-ETCO	PRODUCTION AREA	PECO CITY GATE	-IOT APPLICABLE
TETCO FT Line 1A	J'ETCO	TETCO EAGLE	PECO CITY GATE	I'ETCO CDS AND FT
TETCO FTS-2	"I'ETCO	EQUITRANS STORAGE	PECO CITY GATE	EQUITRANS STORAGE
TETCO FTS-7	-'ETCO	DTI GSS	PECO CITY GATE	MOT APF-.ICABLE
TETCO FrS-8	I'ETCO	DTI GSS	PECO CITY GATE	NOT APPLICABLE
TErCO LLFT	J'ETCO	PEPL	M2	EFT AND TETCO COS AND FT
TETCO Rwers-de	ETCO	M2-M3 BOUNDARY	PECO CITY GATE	NOT APPLICABLE
TETCO FT M2 Brid-e	RETCO	LEB LATERAL	M2-M3 BOUNDARY	I'ETCO RIVERSIDE
TRANSCO FT 3693	"RANSCO	PRODUCTION AREA	PECO CITY GATE	NOT APPLICABLE
TRANSCO FT 5000	TRANSCO	PRODUCTION AREA	PECO CITY GATE	NOT APPLICABLE
TRANSCO TW Leid-/FT	I'RANSCO	DTI INTERCONNECT .EB LATERAL TECO	PECO CITY GATE LEB LATERAL TECO	NOT APPLICABLE
PEPL EFT	PEPL	INTERCONNECT AND PEPL FS INTERCONNECT	INTERCONNECT AND PEPL FS INTERCONNECT TRANSCO TW Leu:ly FT	PELFS AND TETCO LLFT
DOMI FT	DTI	SOUTH POINT	INTERCNCT	FRANSCO TW Le*d:/FT
EQUI STS 1	EQUITRANS	-2 TETCO INTERCONNECT AND	M2 TETCO INTERCONNECT AND EQUI SS3	TETCO FTS
E SHORE FT	EASTERN SHORE	=QUI SS3	PECO CITY GATE	NOT APPLICABLE
E SHORE Add'l FT	EASTERN SNORE	I'RP, NSCO 7-6 RANSCO	PECO CITY GATE	NOT APPLICABLE

Q. SDR-COS-15 For the most recent annual period available, please identify the applicable monthly volumes and revenues under each rate schedule which were:

- a) Sold under a negotiated or market-based rate
- b) Transported under a negotiated or market based rate
- c) Transported at full margin transportation rates

A. SDR-COS-15

- a) The Company does not have any gas contracts at less than maximum tariff rate, other than transportation contracts responsive to b) below.

Refer to Attachment SDR-RR-13 for volumes of all transportation accounts under a negotiated rate. Refer to Attachment SDR-COS-15 for the revenues associated with those accounts.

- c) All transportation customers, other than those identified in b) above, pay maximum tariff rate for all volumes transported. The 2007 volumes for all transportation customers were approximately 27.5 bcf. The total 2007 revenues for all transportation customers were approximately \$20.5 million.

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SDR-COS-15**

Monthl'

<u>4523758767140-01401</u>	<u>\$ 8,821.84</u>	<u>\$ 8,89689</u>	<u>\$ 9,62546</u>	<u>\$ 8,539.39</u>	<u>\$ 6,282.16</u>	<u>\$ 5,921.55</u>	<u>\$ 5,947.49</u>	<u>\$, 6,568.71</u>	<u>\$ 5,518.59</u>	<u>\$ 6,042.60</u>	<u>\$ 8,24284</u>	<u>\$ 8,821 84</u>	<u>\$ 89,229.36</u>
<u>3689382645498-01600</u>	<u>\$ 1~17886</u>	<u>\$ 2,311.83</u>	<u>\$ 7,092.41</u>	<u>\$13,433.24</u>	<u>\$ 9,740.81</u>	<u>\$ 8~731.12</u>	<u>\$ 8,670.24</u>	<u>\$ 7,684.31</u>	<u>\$ 8,155.44</u>	<u>\$10,127.48</u>	<u>\$15,448.30</u>	<u>\$17,470.90</u>	<u>\$110,044.94</u>
<u>1908017273518-00707</u>	<u>\$14,101.98</u>	<u>\$13,950.59</u>	<u>\$13,064.45</u>	<u>\$12,225.82</u>	<u>\$14,631.85</u>	<u>\$13,561.25</u>	<u>\$11,49953</u>	<u>\$ 12,912.76</u>	<u>\$ 8,99748</u>	<u>\$11,060.50</u>	<u>\$14,056.26</u>	<u>\$17,369.66</u>	<u>\$157,432.13</u>
<u>90878018 32798-01703</u>	<u>\$64,359 43</u>	<u>\$62,512.90</u>	<u>\$60,168.16</u>	<u>\$47 798.86</u>	<u>\$53 774.57</u>	<u>\$62,512.90</u>	<u>\$66,302.51</u>	<u>\$ 65,364.44</u>	<u>\$58,063.30</u>	<u>\$43,262.28</u>	<u>\$37 500.37</u>	<u>\$55,344.62</u>	<u>\$676,964 34</u>
<u>9850459321860-00906</u>	<u>\$70,090.36</u>	<u>\$52,718.69</u>	<u>\$57,467.79</u>	<u>\$61,041.12</u>	<u>\$55,842.94</u>	<u>\$52,540.10</u>	<u>\$51,699.05</u>	<u>\$ 52,512.86J</u>	<u>\$93,976.74</u>	<u>\$70,81424</u>	<u>\$64,266.19</u>	<u>\$69,54389</u>	<u>\$752,51397</u>
<u>6143986311463-01505</u>	<u>\$ 5,940.61</u>	<u>\$ 5,166.43</u>	<u>\$ 5,173.06</u>	<u>\$ 5,791.20</u>	<u>\$13,589.93!</u>	<u>\$ 9,354.43</u>	<u>\$ 5,174.21</u>	<u>\$ 4,069.32</u>	<u>\$ 4,367.26</u>	<u>\$ 4,669.99</u>	<u>\$ 5,343.67</u>	<u>\$ 6,260.86</u>	<u>\$ 74,900.97</u>
<u>8090151748764-01606</u>	<u>\$ 7,262.81</u>	<u>\$ 5,719.34</u>	<u>\$ 5,157.78</u>	<u>\$ 6,745.32</u>	<u>\$ 5,945,4815</u>	<u>\$5,548.04</u>	<u>\$ 5,456.77</u>	<u>\$ 5,383.93</u>	<u>\$ 6,132.07</u>	<u>\$ 6,30561</u>	<u>\$ 7,10815'</u>	<u>\$ 8,567.10</u>	<u>\$ 75,332.40</u>
<u>1758781731142-01600</u>	<u>\$32,489.07</u>	<u>\$34,555.88</u>	<u>\$34,900.85</u>	<u>\$32,942.30</u>	<u>\$33,055.72</u>	<u>\$34,761.23</u>	<u>\$34,752.21</u>	<u>\$ 35,086.01</u>	<u>\$36,457.29</u>	<u>\$31928.45</u>	<u>\$33,699.69</u>	<u>\$34,917.60</u>	<u>\$409,546.30</u>
<u>7676015530416-00808</u>	<u>\$27r920.86</u>	<u>\$23~186.05</u>	<u>\$28~826.13,</u>	<u>\$25r953.791</u>	<u>\$58,216.78</u>	<u>\$20,770.48</u>	<u>\$20,401.67</u>	<u>\$ 21,879.61</u>	<u>\$21,091.40</u>	<u>\$39631.66</u>	<u>\$18,365.77</u>	<u>\$27,445.65</u>	<u>\$333,689.85</u>
<u>7449263( 45210-00000</u>	<u>\$ 477.69</u>	<u>\$ 478.04</u>	<u>\$ 478.73</u>	<u>\$ 478.73</u>	<u>\$ 480.81</u>	<u>\$ 814.05 !</u>	<u>\$ 811.97</u>	<u>\$ 1,148.67</u>	<u>\$ 478.04</u>	<u>\$ 47908</u>	<u>\$ 492.24</u>	<u>\$ 676.53</u>	<u>\$ 7,294.58</u>
<u>3583788~ 35999-99999</u>	<u>\$ 482.05</u>	<u>\$ 3,066.21</u>	<u>\$ 1,230.51</u>	<u>\$ 7,524.60</u>	<u>\$ 482.53</u>	<u>\$23,563.99</u>	<u>\$34,66408</u>	<u>\$ 44,767.66</u>	<u>\$17,757.10</u>	<u>\$24,09540</u>	<u>\$ 518.65</u>	<u>\$11,38978</u>	<u>\$16954256</u>
<u>41788995~50999-99999</u>	<u>\$68,082.46</u>	<u>\$67,937.59</u>	<u>\$62,55925</u>	<u>\$55,260.03</u>	<u>\$69,602.96</u>	<u>\$67,933.96</u>	<u>\$68,794.37</u>	<u>\$127,138.06</u>	<u>\$67,417.30</u>	<u>\$81,234.31</u>	<u>\$61,042.96</u>	<u>\$49,08179,</u>	<u>\$846,085.04</u>

Q. SDR- COS - 16 Please provide the following for each curtailment during the last three years:

- a) Dates of curtailments
- b) Type of curtailment (firm service, interruptible service, both)
- c) Whether curtailment was related to amount of capacity on the Company's system, other capacity or supply related
- d) Rate schedule that curtailed volumes would have been billed under
- e) Curtailed volumes by rate schedule
- f) Actual volumes moved by rate schedule

- A. SDR o COS - 16
- a) Refer to Attachment SDR-COS-16.
  - b) All curtailments are of interruptible customers. No firm customers have been curtailed during the time period is question.
  - c) All rate TS-I interruptions are due to system constraints. All Rate IS/CGS interruptions are due to supply related issues.
  - d) Refer to Attachment SDR-COS-16.
  - e) The approximate aggregate daily volume attributable to Rates IS and CGS is 250 mcf. The approximate aggregate daily volume attributable to Rate TS-I is between 55,000 and 70,000 mcf.
  - f) Refer to the daily sendout sheets in the Company's response to SDR-COS-11.

ATTACHMENT  
**SDR-COS-16**

**CURTALLED**

Interruption Date	Rates
8-Mar-07	IS/CGS
7-Mar-07	IS/CGS; TSI Tier 1
6-Mar-07	IS/CGS; TSI Tier 1
15-Feb-07	IS/CGS; TSI Tier 1&2
14-Feb-07	IS/CGS; TSI Tier 1&2
13-Feb-07	IS/CGS
12-Feb-07	IS/CGS
11-Feb-07	IS/CGS
10-Feb-07	IS/CGS
9-Feb-07	IS/CGS
8-Feb-07	IS/CGS
7-Feb-07	IS/CGS

4-Feb-07	IS/CGS; TSI Tier 1&2
3-Feb-07	IS/CGS; TSI Tier 1&2
2-Feb-07	IS/CGS; TSI Tier 1&2
27-Feb-06	IS/CGS; TSI Tier 1
4-Jan-06	IS/CGS
3-Jan-06	IS/CGS
2-Jan-06	IS/CGS
1-Jan-06	IS/CGS
31-Dec-05	IS/CGS
30-Dec-05	IS/CGS
29-Dec-05	IS/CGS
28-Dec-05	IS/CGS
27-Dec-05	IS/CGS
26-Dec-05	IS/CGS
25-Dec-05	IS/CGS
24-Dec-05	IS/CGS
23-Dec-05	IS/CGS
22-Dec-05	IS/CGS
21-Dec-05	IS/CGS
20-Dec-05	IS/CGS
19-Dec-05	IS/CGS
18-Dec-05	IS/CGS
17-Dec-05	IS/CGS
16-Dec-05	IS/CGS
15-Dec-05	IS/CGS
14-Dec-05	IS/CGS
13-Dec-05	IS/CGS
12-Dec-05	IS/CGS
11-Dec-05	IS/CGS
10-Dec-05	IS/CGS
9-Dec-05	IS/CGS
8-Dec-05	IS/CGS
7-Dec-05	IS/CGS

6-Dec-05, IS/CGS  
5-Dec-05! | S/CGS  
4-Dec-05 IS/CGS  
3-Dec-05 IS/CGS  
2-Dec-05 IS/CGS  
1-Dec-05<sub>1</sub> IS/CGS  
30-Nov-05~ ISICGS  
29-Nov-0511S/CGS  
28-Nov-05 IS/CGS  
27-Nov-05 ISICGS  
26-Nov-05 IS/CGS  
25-Nov-05 IS/CGS  
24-Nov-05 IS/CGS  
23-Nov-05 IS/CGS  
22-Nov-05 IS/CGS  
21-Nov-05 IS/CGS  
20-Nov-05 IS/CGS  
19-Nov-05 IS/CGS  
18-Nov-05 IS/CGS  
17-Nov-05 IS/CGS  
16-Nov-05 IS/CGS  
15-Nov-05 IS/CGS  
14-Nov-05 ISICGS  
13-Nov-05 IS/CGS  
12-Nov05 IS/CGS  
11-Nov-05 IS/CGS  
10-Nov-05 IS/CGS  
9-Nov-05 IS/CGS  
8-Nov-05 IS/CGS  
7-Nov-05 IS/CGS  
6-Nov-05 IS/CGS  
5-Nov-05 IS/CGS  
4-Nov-05 IS/CGS  
3-Nov-05 IS/CGS  
2-Nov05 IS/CGS  
1-Nov-05 IS/CGS  
31-Oct-05 IS/CGS  
30-Oct-05 IS/CGS  
29oOct-05 IS/CGS  
28oOct-05 IS/CGS  
27oOct-05 IS/CGS  
26oOct-05 IS/CGS  
25-Oct-05 IS/CGS  
24oOct-05 IS/CGS  
23-Oct-05 IS/CGS  
22-Oct-05 IS/CGS  
21-Oct-05 IS/CGS  
20-Oct-05 IS/CGS  
19-Oct-05 IS/CGS  
18-Oct-05 IS/CGS  
17-Oct-05 IS/CGS  
16oOct-05 IS/CGS

14-Oct-05	IS/CGS
13-Oct-05	IS/CGS
12-Oct-05	IS/CGS
11-Oct-05	IS/CGS
10-Oct-05	IS/CGS
9-Oct-05	IS/CGS
8-Oct-05	IS/CGS
7-Oct-05	IS/CGS
6-Oct-05	IS/CGS
5-Oct-05	IS/CGS

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2-Oct-05	IS/CGS
1-Oct-05	IS/CGS
30-Sep-05	IS/CGS
29-Sep-05	IS/CGS
28-Sep-05	IS/CGS
27-Sep-05	IS/CGS
26-Sep-05	IS/CGS
25-Sep-05	IS/CGS
24-Sep-05	IS/CGS
23-Sep-05	IS/CGS
22-Sep-05	IS/CGS
21-Sep-05	IS/CGS
20-Sep-05	IS/CGS
19-Sep-05	IS/CGS
18-Sep-05	IS/CGS
17-Sep-05	IS/CGS
16-Sep-05	IS/CGS

13-Sep-05	IS/CGS
12-Sep-05	IS/CGS

9-Sep-05	IS/CGS
8-Sep-05	IS/CGS
7-Sep-05	IS/CGS
6-Sep-05	IS/CGS
5-Sep-05	IS/CGS
4-Sep-05	IS/CGS
3-Sep-05	IS/CGS
2-Sep-05	IS/CGS
1-Sep-05	IS/CGS
31-Aug-05	IS/CGS
30-Aug-05	IS/CGS
31-Jan-05	IS/CGS
30-Jan-05	IS/CGS
29-Jan-05	IS/CGS
28-Jan-05	IS/CGS: TSI Tier 1
27-Jan-05	IS/CGS: TSI Tier 1

24-Jan-0511S/CGS  
23-Jan-0511S/CGS; TSI Tier 1&2  
22-Jan-0511S/CGS  
21-Jan-05~1S/CGS; TSI Tier 1&2  
20-Jan-0511S/CGS

Q. SDR - COS - 17 Please identify the Company' s design day planning criteria and the probability of design day occurrence. Include any, available documentation supporting the Company's claimed probability of occurrence.

A. SDR - COS - 17 Refer to Attachment SDR-COS-17.

**ATTACHMENT  
SDR-COS-17**

**Section 16** - Identification and support for peak day methodology utilized to project future gas demands and studies supporting the validity of such methodology,

## **OVERVIEW OF THE METHODOLOGY**

The key steps used to determine the design day requirement are listed below. Each step is explained in detail following this overview.

### **STEP 1**

Establish the design day temperature.

### **STEP 2**

Gather daily load and temperature data from the past winter seasons.

### **STEP 3**

Perform a linear regression analysis of firm demand versus average temperature for the day.

### **STEP 4**

Determine the total projected design day requirement for the next winter season by adding a firm load growth component and the firm standby sales requirement for transportation customers.

### **STEP 5**

Project the design day requirement for the next 10 years using the result obtained in step 4.

**STI=P 1 - BASIS FOR: THE DESIGN DAY TEMPERATURE**

PECO Energy uses a design temperature of 0 degrees Fahrenheit. This design temperature is the average of hourly temperatures over a 24-hour period. The design day temperature is based on a probability analysis that uses a Gumbel distribution of annual minimum temperatures experienced in the PECO Energy service territory. The probability is 4.5% that any given winter will have one or more days with an average daily temperature equal to or colder than the design day temperature. Thus, a day with an average temperature of 0 degrees or less can be expected to occur every 22.2 years. PECO Energy does not use a reserve factor in its design day planning.

The design temperature of 0 degrees is a reasonable compromise between reliability and cost. It provides assurance that firm service customers are not likely to face service interruptions and keeps the costs for peak day capacity at an acceptable level. The predicted occurrence of once in every 22.2 years is consistent with design day temperatures used by other LDCs in the United States and Canada.

The Gumbel, or double exponential distribution, has been observed to fit extreme value data such as floods, droughts, maximum annual wind speed, and minimum and maximum annual temperatures. Climatologists recommend the Gumbel distribution as the correct statistical method for predicting the probability of temperature extremes.

The following table shows the lowest 24-hour average temperature measured in each winter season for the last 28 years.

<b>Winter Season</b>	<b>Lowest Daily Average Temperature</b>
79-80	15
80-81	6
81-82	-2
82-83	18
83-84	4
84-85	2
85-86	14
86-87	14
87-88	12
88-89	16
89-90	12
90-91	<b>18</b>
91-92	19
92-93	16
93-94	2
94-95	13
95-96	10
96-97	12
97-98	25
98-99	21
99-00	14
00-01	<b>19</b>
01-02	27
02-03	15
03-04	12
04-05	13
05-06	21
06-07	13

## **STEP 2 - DAILY LOAD AND TEMPERATURE DATA**

PECO Energy's customer base is segregated into two general categories, firm and interruptible. These categories are then further separated into customer classes; residential, commercial and industrial.

Firm customers are those that must receive uninterrupted delivery of gas and can be found in all customer classes. Firm load has two components, base and variable. Base load can be clearly identified in the summer and consists of residential and commercial customers using appliances such as water heaters and gas ranges, and industrial customers utilizing gas for processes. Base load is not sensitive to daily temperature changes. Variable load, which is highly sensitive to temperature, can be found in all customer classes and normally is the result of space heating use.

Customers in the interruptible category are generally large industrial or commercial entities and electric power generation. Interruptible customers agree to service with the knowledge that service will be interrupted at various times throughout the year. The interruptible rates offered by PECO Energy are: TCS - Temperature Controlled Service, CGS - City Gate Service, IS - Interruptible Sales Service, and TS-I - Transportation Service-Interruptible.

### **TEMPERATURE DATA**

PECO Energy's weather data is measured at the Philadelphia Airport by the National Weather Service. Daily average temperatures are computed from hourly readings.

### **LOAD MEASUREMENT**

PECO Energy measures daily gas use by its largest commercial and industrial customers, both firm and interruptible. This measurement is accomplished by an automatic meter reading system. Each customer has an electronic module that calls a

central computer over telephone lines at one or more times throughout the day to report gas use and to receive interruption instructions. Use of gas by small commercial and residential customers is measured once each month by traditional meter reading.

### **DETERMINATION OF THE FIRM DAILY DEMAND**

PECO Energy's design day projection is based solely on firm load requirements. It is assumed that on the design day all of PECO's interruptible sales and interruptible transportation services--Rates IS, CGS, TCS, and TSI--are fully interrupted. Interruption is necessary to assure adequate supplies and distribution system capacity to serve firm requirement customers.

The analysis is based on data from the four most recent winters. To obtain this information, the following steps are performed:

1. Daily winter load figures are retrieved where the average temperature is 50 degrees Fahrenheit or below.
2. Weekends and major holidays, (Thanksgiving, Christmas, and New Years), are excluded from the base data, so weekday loads can be accurately projected.
3. The firm system daily demand is computed by subtracting the large commercial and industrial load, which is measured daily, from the total gas sendout for each day. This temperature and demand information is then used in a linear regression analysis.

### **STEP 3 - LINEAR REGRESSION ANALYSIS**

A linear regression analysis is performed using the firm demand as the dependent variable and the daily average temperature as the explanatory independent variable. The line resulting from the analysis is called the regression or least squares line. The line is placed so that the sum of the squares of the deviation is minimized. Graph A demonstrates the relationship between temperature, shown on the x axis, and system firm daily demand, shown on the y axis.

Regression analysis determines the nature of the linear relationship between two interval or ratio scale variables, while correlation analysis measures the strength of the linear relationship between them. Correlation analysis provides the Coefficient of Correlation,  $r$ . This number indicates both the direction and the strength of the linear relationship between the dependent variable ( $y$ ), firm demand and the independent variable ( $x$ ) temperature.

When  $r$  is negatively sloped, as shown on Graph A, then firm demand and temperature are inversely related. The larger the absolute value of  $r$ , the stronger the linear relationship between firm demand and temperature. If  $r = -1$  or  $r = +1$ , the regression line will actually include all of the data points. The  $r$  factor for this analysis is 0.97803.

Another measure of the strength of the relationship is the Coefficient of Determination,  $r$  squared. Its numerical value is the proportion of the variation in  $y$ , firm demand, that is explained by the regression line. That is, the total variation in  $y$  versus the unexplained variation in  $x$ . This analysis shows an  $r$  squared value of 0.95655.

The regression analysis indicates a daily firm load requirement of 768,369 MCF at zero degrees which represents the daily firm requirement of residential and small commercial customers. Temperature dependent load is 12,051 MCF per degree.

**STEP 4 - DETERMINE THE TOTAL PROJECTED DESIGN DAY REQUIREMENT**  
**FIRM STANDBY REQUIREMENTS FOR GAS TRANSPORTATION CUSTOMERS**

PECO Energy also must include its firm standby sales service obligation in its design day projection. This service is a form of firm sales provided to firm transportation customers under Rate TS-F that purchase this service. It serves two purposes - first, standby sales service provides a back-up sales service to the customer's transportation supplies. If transportation supplies cannot be delivered by the pipelines or are not available for any reason, the customer can purchase gas from PECO Energy under standby sales service. The second reason for standby sales service is to preserve the customer's right to return to traditional sales service. If the customer wishes to discontinue transportation service, they can automatically resume purchases from PECO Energy as a sales customer. The daily standby sales service requirement is 5,096 MCF and is based on the sum of the standby sales quantities for Rate TS-F customers.

FIRM LOAD GROWTH

The design day projection also must reflect expected base and variable load growth through March 2008. This is a result of additions to the customer base. Projected daily firm load growth from residential and commercial classes is 9,250 MCF.

Customer Class	Number of Customers Added	Estimated Design Day Requirement
Residential	<b>9,850</b>	<b>6,895 MCF</b>
Commercial	750	2,355 MCF

PROJECTED DESIGN DAY REQUIREMENT

The following is a summary of all previously discussed elements of the design day requirement. The total design day requirement is projected to be 782,715 MCF for the 2007/2008 winter season. This requirement is based on a design day temperature of 0 degrees Fahrenheit, and no reserve factor is included in projecting the design day requirement.

Firm Load From Regression Analysis .....	768,369 MCF
Firm Standby Sales Requirement .....	5,096 MCF
Firm Load Growth .....	<u>9,250 MCF</u>
Total Design Day Req. 2007/2008 Winter .....	782,715 MCF

**COMPARISON OF AVAILABLE RESOURCES WITH THE PROJECTED DESIGN**

**DAY REQUIREMENT**

The resources listed in the table below are expected to be available for the 2007/2008 winter. A deficit of 68,096 MCF is projected between the design day requirements and current resources. PECO will use a combination of bundled peaking services and delivered services to satisfy this deficit.

Supplies .....	265,640 MCF
Storage Withdrawals .....	266,979 MCF
LNG.....	157,000 MCF
Propane .....	25,000 MCF
Total Resources .....	714,619 MCF

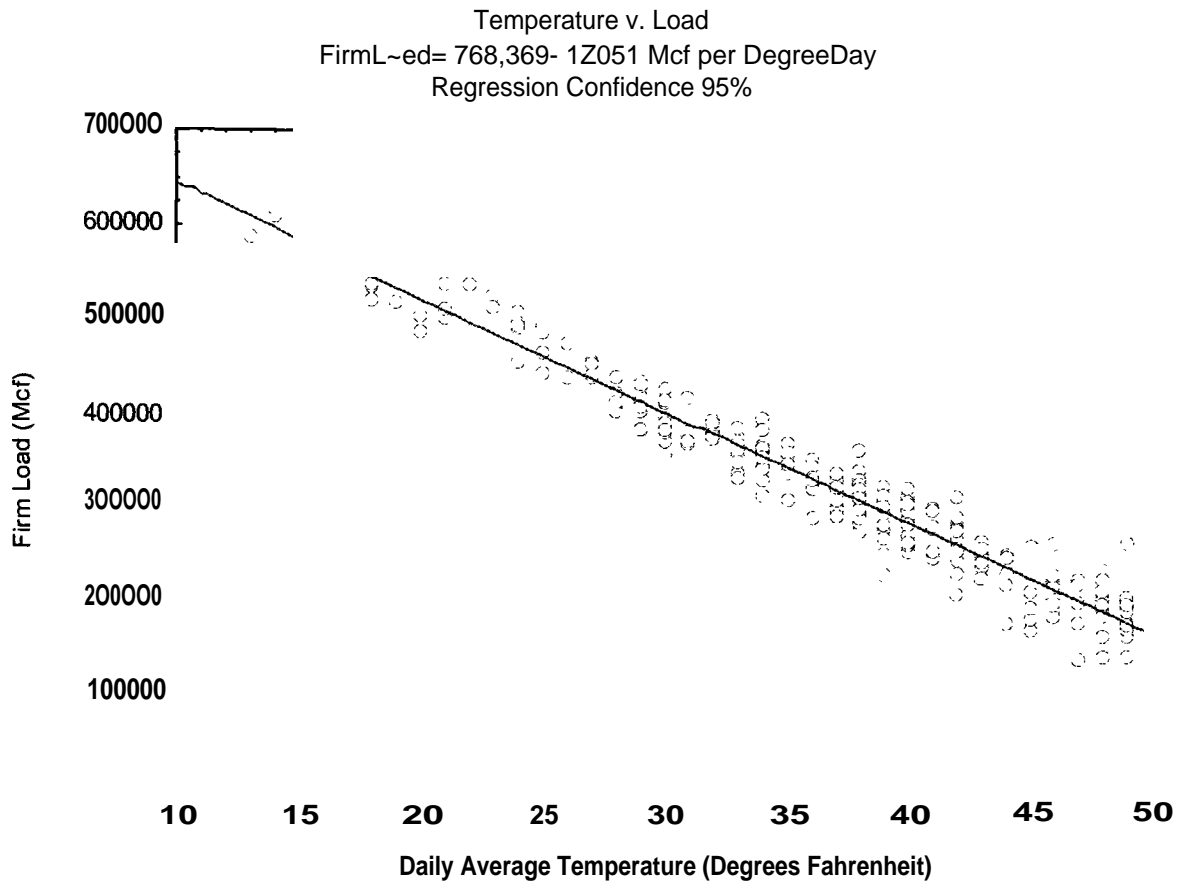
### **STEP 5 - 10 YEAR PROJECTION OF THE DESIGN DAY REQUIREMENT**

The design day figure for the 2007-08 winter season is then used to project the design day requirement for the next ten years. The requirement is assumed to increase at the same rate as the total firm sales.

WinterSeason	Pr~ected Firm Sales MMCF/Year	Pr~ected Design Day Requirement MCF/Day
2007-2008	62,483	783,000
2008-2009	63,112	790,000
2009-2010	64,009	802,000
2010-2011	64,663	810,000
2011-2012	65,589	821,000
2012-2013	65,838	824,000
2013-2014	66,405	831,000
2014-2015	66,957	838,000
2015-2016	67,626	847,000
2016-2017	68,303	855,000

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Section 16

Graph A



- Q. SDR-COS-18 For each customer class contained in the cost of service study, please provide monthly throughput by class.
- A. SDR-COS-18 Refer to Exhibit HSG-6 for forecasted monthly deliveries (throughput) by customer class in the future test year.

- Q. SDR - COS - 19 Please provide work papers showing the development of each allocation factor reflected in the Company's cost of service study. Include a description of each allocation factor, all calculations performed to develop the allocators and all supporting documentation, studies or other information relied upon to determine the allocators.
- A. SDR- COS- 19 Refer to Exhibit HSG-5A, Exhibit HSG-5B and Exhibit HSG-5C, for development of allocation factors for functionalization, classification and class allocation, respectively.

- Q. SDR - COS - 20 Please provide all workpapers, calculations and supporting documentation for the functionalization and classification performed for the Company's cost of service study.
- A. SDR - COS - 20 Refer to Exhibit HSG-2 for functionalization and Exhibit HSG-3 for classification, and Exhibit HSG-5A and Exhibit HSG-5B for the allocator values for functionalization and classification, respectively.

- Q. SDR-COS-21 If not provided elsewhere, please provide a detailed proof of revenues at both present and proposed rates.
- A. SDR-COS-21 Refer to Exhibit PTP-5 (Proof of Revenue at Present Rates) and Exhibit PTP-6 (Proof of Revenue at Proposed Rates).