

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

VOLUME III

COST OF SERVICE STUDY

**ON BEHALF OF
PHILADELPHIA GAS WORKS**

PHILADELPHIA GAS WORKS

R-2009-2139884

DECEMBER 2009

**Philadelphia Gas Works
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Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)
SUMMARY OF RESULTS

Total	Resid.		Comm.		Indu.		Muni.		PHA		Inter.		GTS/IT	
	Non-Heat RC-1	Heat RC-2	Non-Heat RC-3	Heat RC-4	Non-Heat RC-5	Heat RC-6	Non-Heat RC-7	Heat RC-8	GS RC-9	Sales RC-10	Trans only RC-18			
Full tariff Revenues at Current Rates														
1 Gas revenue	7,920	0	0	0	0	0	0	0	0	0	0	7,920	0	0
2 Non-gas revenue	511,161	10,489	386,614	13,142	69,030	2,092	5,643	1,672	6,205	6,336	94	9,844	9,844	
3 Total full tariff revenue	519,080	10,489	386,614	13,142	69,030	2,092	5,643	1,672	6,205	6,336	8,014	9,844	9,844	
4 Other revenue / Adjust.	16,400	939	15,328	(46)	(106)	(8)	43	(16)	(102)	6	40	322	322	
5 Net revenues	535,480	11,428	401,942	13,096	68,925	2,084	5,686	1,656	6,103	6,342	8,053	10,166	10,166	
6														
Operating Expenses														
7 Supply, Storage & Trans.	41,445	358	28,869	600	4,871	110	312	162	463	567	5,134	0	0	
8 Other Operating expenses	322,684	14,163	256,961	6,977	28,752	954	3,583	606	1,706	2,174	814	5,995	5,995	
9 Univ. Serv. & Ener. Cons.	98,834	1,283	72,477	3,017	16,337	493	1,338	501	1,902	1,487	0	0	0	
10 Total Operating Expenses	462,964	15,805	358,306	10,594	49,960	1,556	5,234	1,268	4,071	4,228	5,948	5,995	5,995	
11														
12														
13 Income before Interest & Surplus	72,516	(4,377)	43,636	2,502	18,964	528	452	388	2,032	2,114	2,106	4,171	4,171	
14 Interest & Surplus	115,016	3,688	86,546	2,427	12,564	323	1,747	388	1,258	1,392	511	4,171	4,171	
15 Current Revenue Over (Under) Requirements	(42,500)	(8,065)	(42,910)	75	6,400	205	(1,295)	(1)	774	722	1,595	(0)	(0)	
16 Total Revenue Requirement	577,980	19,493	444,852	13,021	62,525	1,879	6,981	1,657	5,329	5,620	6,459	10,166	10,166	
17 Revenue increase (decr.) for full cost of service	8.2%	76.9%	11.1%	(0.6%)	(9.3%)	(9.8%)	23.0%	0.0%	(12.5%)	(11.4%)	(19.9%)	0.0%	0.0%	
18														
19 Rate Base	1,205,020	38,638	906,744	25,428	131,637	3,381	18,304	4,067	13,183	14,584	5,352	43,701	43,701	
20														
21 Return (before interest & surplus) on rate base at current rates	6.0%	(11.3%)	4.8%	9.8%	14.4%	15.6%	2.5%	9.5%	15.4%	14.5%	39.3%	9.5%	9.5%	
22 Relative Return	1.00	(1.88)	0.80	1.64	2.39	2.59	0.41	1.58	2.56	2.41	6.54	1.59	1.59	

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Account Description	Account Code	Total Allocated Dollars	TOTAL Class Allocation												Interr. Sales RC-10	GTS / IT Trans only RC-18
			Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8	PHA GS RC-9					
1 I. GAS PLANT IN SERVICE																
2 A. INTANGIBLE PLANT	301-303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 B. PRODUCTION PLANT																
5 Land and Land Rights	304	1,453	13	1,163	20	191	4	12	7	19	23	0	0	0	0	
6 Structures & Impr.	305	19,287	170	15,442	270	2,542	52	164	94	253	300	0	0	0	0	
7 Boiler Equipment	306	2,872	25	2,300	40	379	8	24	14	38	45	0	0	0	0	
8 Other Power Equip	307	229	2	183	3	30	1	2	1	3	4	0	0	0	0	
9 L.P.G. Equipment	311	1,425	13	1,141	20	188	4	12	7	19	22	0	0	0	0	
10 Other Equipment	320	21,979	194	17,598	307	2,897	59	187	107	289	342	0	0	0	0	
11 Subtotal-Production	304-338	47,246	417	37,827	661	6,226	127	401	230	621	735	0	0	0	0	
12																
13 C. STORAGE PLANT (Mostly LNG Plant)																
14 Land and Land Rights	360	328	3	262	5	43	1	3	2	4	5	0	0	0	0	
15 Structures & Impr.	361	8,381	74	6,711	117	1,105	23	71	41	110	130	0	0	0	0	
16 Gas Holders	362	33,729	298	27,005	472	4,445	91	286	165	443	524	0	0	0	0	
17 Purification Equip	363	251	2	201	4	33	1	2	1	3	4	0	0	0	0	
18 Liquefaction Equip	364	31,084	275	24,887	435	4,096	84	264	152	408	483	0	0	0	0	
19 Vaporizing Equip	365	13,503	119	10,811	189	1,779	36	115	66	177	210	0	0	0	0	
20 Compressor Equip	366	16,204	143	12,973	227	2,135	44	138	79	213	252	0	0	0	0	
21 Meas & Regul Equip.	367	6,220	55	4,980	87	820	17	53	30	82	97	0	0	0	0	
22 Other Equipment	368	17,751	157	14,212	248	2,339	48	151	87	233	276	0	0	0	0	
23 Subtotal-Storage	360-368	127,450	1,126	102,043	1,782	16,796	344	1,082	622	1,674	1,981	0	0	0	0	
24																
25 E. DISTRIBUTION PLANT																
26 Land and Land Rights	374	101	1	74	2	11	0	5	1	2	3	1	1	3	3	
27 Structures & Impr.	375	2,683	18	1,954	40	291	8	134	18	44	70	33	33	71	71	
28 Mains	376	594,025	5,094	394,152	11,703	71,666	2,065	18,395	3,233	9,448	11,558	7,147	59,564	59,564	59,564	
29 Mains- Direct Assign	376Direct	7,574	0	0	0	0	0	0	0	0	0	0	0	7,574	7,574	
30 Compressor Sta. Equip	377	1,255	10	884	22	146	4	51	8	20	29	15	65	65	65	
31 Meas & Reg Sta. Equip	378	16,623	129	11,716	293	1,928	54	677	102	270	384	205	863	863	863	
32 Services	380	556,823	35,804	469,544	8,815	31,725	755	1,839	541	1,944	3,031	859	1,966	1,966	1,966	
33 Meters	381	57,008	3,079	40,372	2,464	8,870	155	377	151	399	261	76	804	804	804	
34 Meters Install.	382	98,585	5,324	69,816	4,262	15,338	268	653	262	690	451	131	1,391	1,391	1,391	
35 House Regulators	383	1,814	129	1,686	0	0	0	0	0	0	0	0	0	0	0	
36 House Regulator Install.	384	4,718	334	4,384	0	0	0	0	0	0	0	0	0	0	0	
37 Indu Meas & Reg Sta. Equip	385	314	0	0	0	0	66	161	0	0	0	0	0	86	86	
38 Other Equipment	387	5,670	39	4,130	86	616	18	283	38	92	148	70	151	151	151	
39 Subtotal-Distribution	374-387	1,347,193	49,959	998,712	27,686	130,591	3,393	22,576	4,354	12,909	15,935	8,538	72,539	72,539	72,539	

Account Description	Account Code	Total Allocated Dollars	TOTAL Class Allocation												Interr. Sales RC-10	GTS / IT Trans only RC-18
			Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHIA GS RC-9	PHIA GS RC-9				
76 I. OPERATION & MAINTENANCE EXPENSE																
77 A. PRODUCTION EXPENSES																
78 1. Manufactured Gas Production																
79 Operations Labor	701	115	1	92	2	15	0	1	1	2	2	2	2	0	0	
80 Steam Gen-Fuel	702	182	2	146	3	24	0	2	1	2	2	3	3	0	0	
81 Misc. Steam Expenses	703	317	3	254	4	42	1	3	2	4	5	5	5	0	0	
82 Maint Structures	706	31	0	25	0	4	0	0	0	0	0	0	0	0	0	
83 Maint Boiler Equip	707	192	2	154	3	25	1	2	1	3	3	3	3	0	0	
84 Maint Steam Other	708	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
85 Other Elec Gen	712	1,151	10	921	16	152	3	10	6	15	18	18	18	0	0	
86 Steam & Elec Ct Other	734	(2,054)	(18)	(1,645)	(29)	(271)	(6)	(17)	(10)	(27)	(32)	(32)	(32)	0	0	
87 Plant Protection	735	1,019	9	816	14	134	3	9	5	13	16	16	16	0	0	
88 Maint. Struct & Impr	741	111	1	89	2	15	0	1	1	1	2	2	2	0	0	
89 Maint Prod Equip	743	171	2	137	2	23	0	1	1	2	3	3	3	0	0	
90 Subtotal-MGP	710-743	1,236	11	990	17	163	3	11	6	16	19	19	19	0	0	
91																
92 2. Other Gas Supply Expenses																
93 Natural Gas Purchases	804	5,134	0	0	0	0	0	0	0	0	0	0	0	5,134	0	
94 Natural Gas Oper Exp	807	25,259	346	19,550	656	3,612	108	227	73	286	401	401	401	0	0	
95 Natural Gas from Stor	808	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
96 Gas-Other Util Ops	812	(17,612)	(241)	(13,631)	(458)	(2,518)	(75)	(158)	(51)	(199)	(280)	(280)	(280)	0	0	
97 LNG-Other Util Ops	812LNG	(11,549)	(102)	(9,247)	(162)	(1,522)	(31)	(98)	(56)	(152)	(180)	(180)	(180)	0	0	
98 LNG Oper Exp	813	14,926	132	11,951	209	1,967	40	127	73	196	232	232	232	0	0	
99 Subtotal-Prod exp	710-813	17,395	146	9,613	263	1,702	45	108	45	147	193	193	193	5,134	0	
100																
101 B. NATURAL GAS STORAGE, TERMINALING & PROCESSING EXPENSES																
102 LNG Oper Exp Admin	840	946	8	757	13	125	3	8	5	12	15	15	15	0	0	
103 Training	841	2,107	19	1,687	29	278	6	18	10	28	33	33	33	0	0	
104 Fuel- LNG Power	842	798	7	639	11	105	2	7	4	10	12	12	12	0	0	
105 Maint Exp- Admin	843	5,152	46	4,125	72	679	14	44	25	68	80	80	80	0	0	
106 Oper Exp Admin	850	777	7	622	11	102	2	7	4	10	12	12	12	0	0	
107 Subtotal-Storage	840-850	9,780	86	7,830	137	1,289	26	83	48	128	152	152	152	0	0	

Account Description	Account Code	Total Allocated Dollars	TOTAL Class Allocation												GTS / IT	
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109 D. DISTRIBUTION EXPENSES																
110 Oper Supv & Eng	870	726	25	545	14	69	2	13	2	7	2	7	9	5	34	
111 Gas Control	871	1,278	17	974	33	180	5	11	4	14	4	14	20	19	0	
112 Mains and Services Exp	874	3,096	110	2,324	55	278	8	54	10	31	39	31	39	22	166	
113 Natural Gas Oper Exp	875	1,144	9	806	20	133	4	47	7	19	26	14	26	14	59	
114 Meas/Reg Exp- CG Sta	877	401	3	282	7	46	1	16	2	7	9	5	9	5	21	
115 Meter & House Regulator E:	878	16,116	894	11,730	679	2,443	43	104	42	110	72	0	72	0	0	
116 Cust. Install- Gas Bus	879	4,895	268	3,516	215	772	13	33	13	35	23	7	23	7	0	
117 PLP Costs	879PLP	3,611	254	3,335	0	0	0	0	0	0	0	0	0	0	0	
118 Other expenses	880	11,255	711	9,320	213	766	17	41	13	44	60	17	60	17	53	
119 Distribution Rents	881	7	0	5	0	1	0	0	0	0	0	0	0	0	0	
120 Maint Supv & Eng	885	981	34	737	19	93	2	18	3	10	12	7	12	7	46	
121 Maint Mains	887	7,164	61	4,754	141	864	25	222	39	114	139	86	139	86	718	
122 Maint. Meas/Reg. Sta.-Gen.	889	1,030	8	726	18	120	3	42	6	17	24	13	24	13	54	
123 Natural Gas Equip	891	428	6	326	11	60	2	4	1	5	7	6	7	6	0	
124 Maint. of Services	892	2,280	147	1,922	36	130	3	8	2	8	12	4	12	4	8	
125 Maint. Meters & House Reg	893	3,251	180	2,366	137	493	9	21	8	22	14	0	14	0	0	
126 Subtotal-Distribution exp	870-893	57,662	2,728	43,669	1,597	6,449	137	634	154	441	489	204	489	204	1,160	
127 Total - OPERATION & MAINTENAN		84,837	2,960	61,112	1,998	9,439	209	825	246	716	834	5,338	834	5,338	1,160	
128																
129 II. CUSTOMER ACCOUNT																
130 Customer Serv-Adm	901	411	21	348	8	30	1	1	0	0	2	0	2	0	0	
131 Meter Reading exp	902	811	32	660	16	76	2	5	2	6	8	4	8	4	0	
132 Cust Records & Coll exp	903	29,630	1,484	25,084	552	2,200	44	99	12	20	110	4	110	4	21	
133 Uncollectible Acct	904	34,917	782	33,664	67	363	13	27	0	0	0	0	0	0	0	
134 Uncollectible Acct CRP	904CRP	8,482	110	6,220	259	1,402	42	115	43	163	128	0	128	0	0	
135 Total - CUSTOMER ACCOUNTS EX		74,251	2,429	65,976	901	4,072	102	248	56	189	247	8	247	8	22	
136																
137 III. CUSTOMER SERVICE																
138 Cust Assist-Marketing	908	6,011	321	4,211	4	13	302	737	0	0	27	0	27	0	394	
139 CAP Costs	908CAP	2,330	30	1,709	71	385	12	32	12	45	35	0	35	0	0	
140 CRP Shortfall	480CRP	77,492	1,006	56,826	2,366	12,809	386	1,049	392	1,491	1,166	0	1,166	0	0	
141 Senior Discounts	480Sen	10,530	137	7,722	321	1,740	53	143	53	203	158	0	158	0	0	
142 Total - CUSTOMER SERVICE & INF		96,362	1,494	70,468	2,762	14,948	753	1,960	458	1,739	1,386	0	1,386	0	394	
143																
144 Total - CUST. ACCTS, SERVICES &		170,613	3,924	136,443	3,663	19,021	855	2,208	514	1,928	1,634	8	1,634	8	416	
145																

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Account Description	Account Code	Total Allocated Dollars	TOTAL Class Allocation												Interr. Sales RC-10	GTS / IT Trans only RC-18	
			Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8	PHA GS RC-9						
181 V. REVENUES																	
182 Distribution Revenue	480-483	389,278	9,034	304,454	9,721	50,511	1,533	4,126	1,104	4,050	4,650	94	0	0	0	0	0
183 GCR Revenue	80-483GCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Interruptible Sales	480-483Int	7,920	0	0	0	0	0	0	0	0	0	0	0	0	7,920	0	0
185 USEC Revenue	80-483USI	110,827	1,439	81,271	3,384	18,319	553	1,501	561	2,132	1,667	0	0	0	0	0	0
186 REC Revenue	80-483REI	1,212	16	889	37	200	6	16	6	23	18	0	0	0	0	0	0
187 Finance Chge	487	8,780	181	7,785	115	621	25	53	0	0	0	0	0	0	0	0	0
188 Misc Discounts	488	199	5	156	5	26	1	2	1	2	2	0	0	0	0	0	0
189 GTS / IT	489	9,844	0	0	0	0	0	0	0	0	0	0	0	0	0	9,844	0
190 Gas Revenues- Adj	495	(902)	(12)	(698)	(23)	(129)	(4)	(8)	(3)	(10)	(14)	0	0	0	0	0	0
191 Revenue Adjustments	495Adj	(13,668)	(179)	(10,099)	(409)	(2,218)	(67)	(177)	(65)	(248)	(207)	0	0	0	0	0	0
192 Subtotal Gas Revenues, n		513,489	10,483	383,757	12,830	67,331	2,047	5,514	1,605	5,949	6,117	8,014	9,844	0	0	0	0
193																	
194 Bill Paid Turn Ons & Dig Uj		1,972	131	1,722	22	78	1	2	1	2	11	1	1	1	1	1	1
195 Appliance Service, Other	879Rev	7,000	493	6,465	0	0	0	0	0	0	42	0	0	0	0	0	0
196 Subtotal Other Oper Rev		8,972	624	8,187	22	78	1	2	1	2	53	1	1	1	1	1	1
197																	
198 Total Operating Revenues		522,461	11,107	391,944	12,851	67,408	2,048	5,516	1,606	5,951	6,170	8,014	9,845	0	0	0	0
199																	
200 Interest Income	418	8,844	284	6,655	187	966	25	134	30	97	107	39	321	0	0	0	0
201 Capacity Release Credits	421	4,175	37	3,343	58	550	11	35	20	55	65	0	0	0	0	0	0
202 Total Non-Oper Income		13,019	320	9,998	245	1,516	36	170	50	152	172	39	321	0	0	0	0
203																	
204 Total Revenue		535,480	11,428	401,942	13,096	68,925	2,084	5,686	1,656	6,103	6,342	8,053	10,166	0	0	0	0
205																	
206 Income before Interest & Surplus		72,516	(4,377)	43,636	2,502	18,964	528	452	388	2,032	2,114	2,106	4,171	0	0	0	0
207																	
208 Interest-Long-term debt	427	79,127	2,537	59,541	1,670	8,644	222	1,202	267	866	958	351	2,870	0	0	0	0
209 AFUDC	432	(865)	(28)	(651)	(18)	(94)	(2)	(13)	(3)	(9)	(10)	(4)	(31)	0	0	0	0
210 Surplus Requirement		36,754	1,178	27,656	776	4,015	103	558	124	402	445	163	1,333	0	0	0	0
211 Total Interest & Surplus		115,016	3,688	86,546	2,427	12,564	323	1,747	388	1,258	1,392	511	4,171	0	0	0	0
212 Other	436	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213 Total Interest & Surplus,		115,016	3,688	86,546	2,427	12,564	323	1,747	388	1,258	1,392	511	4,171	0	0	0	0
214																	
215 Over (Under) Total Requirements		(42,500)	(8,065)	(42,910)	75	6,400	205	(1,295)	(1)	774	722	1,595	(0)	0	0	0	0

Code	Description	Balance	Factor	FUNCTIONALIZATION			
				SUPPLY	STORAGE	TRANSMISSION	DISTRIBUTION
						ONSITE	USEC
76	I. OPERATION & MAINTENANCE EXPENSE						
77	A. PRODUCTION EXPENSES						
78	1. Manufactured Gas Production						
79	Operations Labor	115	SUPP	0	0	0	0
80	Steam Gen-Fuel	182	SUPP	0	0	0	0
81	Misc. Steam Expenses	317	SUPP	0	0	0	0
82	Maint Structures	31	SUPP	0	0	0	0
83	Maint Boiler Equip	192	SUPP	0	0	0	0
84	Maint Steam Other	2	SUPP	0	0	0	0
85	Other Elec Gen	1,151	SUPP	0	0	0	0
86	Steam & Elec Cr Other	(2,054)	SUPP	0	0	0	0
87	Plant Protection	1,019	SUPP	0	0	0	0
88	Maint. Struct & Impr	111	SUPP	0	0	0	0
89	Maint Prod Equip	171	SUPP	0	0	0	0
90	Subtotal-MGP	1,236		0	0	0	0
91							
92	2. Other Gas Supply Expenses						
93	Natural Gas Purchases	5,134	SUPP	0	0	0	0
94	Natural Gas Oper Exp	25,259	SUPP	0	0	0	0
95	Natural Gas from Stor	0	SUPP	0	0	0	0
96	Gas-Other Util Ops	(17,612)	SUPP	0	0	0	0
97	LNG-Other Util Ops	(11,549)	STOR	(11,549)	0	0	0
98	LNG Oper Exp	14,926	STOR	0	14,926	0	0
99	Subtotal-Prod exp	17,395		14,018	3,377	0	0
100							
101	B. NATURAL GAS STORAGE, TERMINALING & PROCESSING EXPENSES						
102	LNG Oper Exp Admin	946	STOR	0	946	0	0
103	Training	2,107	STOR	0	2,107	0	0
104	Fuel- LNG Power	798	STOR	0	798	0	0
105	Maint Exp- Admin	5,152	STOR	0	5,152	0	0
106	Oper Exp Admin	777	STOR	0	777	0	0
107	Subtotal-Storage	9,780		0	9,780	0	0
108							

Philadelphia Gas Works
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Description	Code	Balance	Factor	FUNCTIONALIZATION			ON	ON SITE	USEC
				SUPPLY	STORAGE	TRANSMISSION			
181 V. REVENUES									
182 Distribution Revenue	480-483	389,278	O&MXGAS	20,087	24,448	0	133,504	211,239	0
183 GCR Revenue	80-483GC	0	GCR_Revenue	0	0	0	0	0	0
184 Interruptible Sales	480-483In	7,920	SUPP	7,920	0	0	0	0	0
185 USEC Revenue	80-483US	110,827	USEC	0	0	0	0	0	110,827
186 REC Revenue	80-483RE	1,212	DIST	0	0	0	1,212	0	0
187 Finance Chge	488	8,780	DIST	0	0	0	8,780	0	0
188 Misc Discounts	489	199	DIST	0	0	0	199	0	0
189 GTS / IT	489	9,844	DIST	0	0	0	9,844	0	0
190 Gas Revenues- Adj	495	(902)	SUPP	(902)	0	0	0	0	0
191 Revenue Adjustments	495Adj	(13,668)	Rev_Adjust	(1,868)	0	0	0	0	(11,800)
192 Subtotal Gas Revenues, net		513,489		25,236	24,448	0	153,539	211,239	99,028
193									
194 Bill Paid Turn Ons & Dig Ups		1,972	ONSITE	0	0	0	0	1,972	0
195 Appliance Service, Other	879Rev	7,000	ONSITE	0	0	0	0	7,000	0
196 Subtotal Other Oper Revenues, net		8,972		0	0	0	0	8,972	0
197									
198 Total Operating Revenues		522,461		25,236	24,448	0	153,539	220,211	99,028
199									
200 Interest Income	418	8,844	RATEBASE	180	471	0	6,646	1,547	0
201 Capacity Release Credits	421	4,175	SUPP	4,175	0	0	0	0	0
202 Total Non-Oper Income		13,019		4,355	471	0	6,646	1,547	0
203									
204 Total Revenue		535,480		29,591	24,919	0	160,185	221,758	99,028
205									
206 Income before Interest & Surplus		72,516		11,848	1,216	0	19,098	40,160	193
207									
208 Interest-Long-term debt	427	79,127	RATEBASE	1,609	4,214	0	59,462	13,842	0
209 AFUDC	432	(865)	RATEBASE	(18)	(46)	0	(650)	(151)	0
210 Surplus Requirement		36,754	DIST	0	0	0	36,754	0	0
211 Total Interest & Surplus		115,016		1,591	4,168	0	95,566	13,691	0
212 Other	436	0	DIST	0	0	0	0	0	0
213 Total Interest & Surplus, Other		115,016		1,591	4,168	0	95,566	13,691	0
214									
215 Over (Under) Total Requirements		(42,500)		10,257	(2,951)	0	(76,468)	26,469	193

Account Code	Account Description	CLASSIFICATION				Classification				DISTRIBUTION		
		SUPPLY		Allocation		DOLLARS		Allocation		Demand	Commodity	Customer
		Dollars	Factor	Dollars	Factor	Dollars	Factor					
1	1. GAS PLANT IN SERVICE											
2	A. INTANGIBLE PLANT											
301-303		0	None	0	None	0	None	0	None	0	0	0
4	B. PRODUCTION PLANT											
304	Land and Land Rights	1,453	DEMAND	1,453	None	0		0	None	0	0	0
305	Structures & Impr.	19,287	DEMAND	19,287	None	0		0	None	0	0	0
306	Boiler Equipment	2,872	DEMAND	2,872	None	0		0	None	0	0	0
307	Other Power Equip	229	DEMAND	229	None	0		0	None	0	0	0
311	L.P.G. Equipment	1,425	DEMAND	1,425	None	0		0	None	0	0	0
320	Other Equipment	21,979	DEMAND	21,979	None	0		0	None	0	0	0
304-338	Subtotal-Production	47,246		47,246		0		0		0	0	0
12	C. STORAGE PLANT (Mostly LNI)											
360	Land and Land Rights	0	None	0	None	0		0	None	0	0	0
361	Structures & Impr.	0	None	0	None	0		0	None	0	0	0
362	Gas Holders	0	None	0	None	0		0	None	0	0	0
363	Purification Equip	0	None	0	None	0		0	None	0	0	0
364	Liquidification Equip	0	None	0	None	0		0	None	0	0	0
365	Vaporizing Equip	0	None	0	None	0		0	None	0	0	0
366	Compressor Equip	0	None	0	None	0		0	None	0	0	0
367	Meas & Regul Equip.	0	None	0	None	0		0	None	0	0	0
368	Other Equipment	0	None	0	None	0		0	None	0	0	0
360-368	Subtotal-Storage	0		0		0		0		0	0	0
24	E. DISTRIBUTION PLANT											
374	Land and Land Rights	0	None	0	None	0		0	None	101	0	0
375	Structures & Impr.	0	None	0	None	0		0	None	2,683	0	0
376	Mains	0	None	0	None	0		0	None	297,012	297,012	0
376Direct	Mains- Direct Assign	0	None	0	None	0		0	None	7,574	0	0
377	Compressor Sta. Equip	0	None	0	None	0		0	None	1,255	0	0
378	Meas & Reg Sta. Equip	0	None	0	None	0		0	None	16,623	0	0
380	Services	0	None	0	None	0		0	None	556,823	0	556,823
381	Meters	0	None	0	None	0		0	None	0	0	0
382	Meters Install.	0	None	0	None	0		0	None	0	0	0
383	House Regulators	0	None	0	None	0		0	None	0	0	0
384	House Regulator Install.	0	None	0	None	0		0	None	0	0	0
385	Indu Meas & Reg Sta. Equip	0	None	0	None	0		0	None	314	0	0
387	Other Equipment	0	None	0	None	0		0	None	5,670	0	0
374-387	Subtotal-Distribution	0		0		0		0		331,232	297,012	556,823
										1,185,068		

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Account Description	Account Code	CLASSIFICATION				Classification													
		SUPPLY		DISTRIBUTION		SUPPLY		DISTRIBUTION											
		Dollars	Allocation Factor	Demand	Commodity	Dollars	Allocation Factor	Demand	Commodity										
181 V. REVENUES																			
182 Distribution Revenue	480-483	20,087	COMMODITY	0	20,087	0	0	0	0	133,504	ISTO&MXGA	25,684	20,931	86,889					
183 GCR Revenue	480-483GCR	0	COMMODITY	0	0	0	0	0	0	0	None	0	0	0					
184 Interruptible Sales	480-483Int	7,920	COMMODITY	0	7,920	0	0	0	0	0	None	0	0	0					
185 USEC Revenue	480-483USC	0	None	0	0	0	0	0	0	0	None	0	0	0					
186 REC Revenue	480-483REC	0	None	0	0	0	0	0	0	1,212	DISTBASE	345	326	540					
187 Finance Chge	487	0	None	0	0	0	0	0	0	8,780	DIST_REV	1,696	1,385	5,698					
188 Misc Discounts	488	0	None	0	0	0	0	0	0	199	DIST_REV	38	31	129					
189 GTS / IT	489	0	None	0	0	0	0	0	0	9,844	DEMAND	9,844	0	0					
190 Gas Revenues- Adj	495	(902)	COMMODITY	0	(902)	0	0	0	0	0	None	0	0	0					
191 Revenue Adjustments	495Adj	(1,868)	COMMODITY	0	(1,868)	0	0	0	0	0	DISTBASE	0	0	0					
192 Subtotal Gas Revenues, net		25,236		0	25,236	0	0	0	0	153,539		37,608	22,674	93,257					
193																			
194 Bill Paid Turn Ons & Dig Ups		0	None	0	0	0	0	0	0	0	None	0	0	0					
195 Appliance Service, Other	879Rev	0	None	0	0	0	0	0	0	0	None	0	0	0					
196 Subtotal Other Oper Revenues, n		0		0	0	0	0	0	0	0		0	0	0					
197																			
198 Total Operating Revenues		25,236		0	25,236	0	0	0	0	153,539		37,608	22,674	93,257					
199																			
200 Interest Income	418	180	SUPPBASE	180	0	0	0	0	0	6,646	DISTBASE	1,894	1,790	2,962					
201 Capacity Release Credits	421	4,175	DEMAND	4,175	0	0	0	0	0	0	None	0	0	0					
202 Total Non-Oper Income		4,355		4,355	0	0	0	0	0	6,646		1,894	1,790	2,962					
203																			
204 Total Revenue		29,591		4,355	25,236	0	0	0	0	160,185		39,502	24,465	96,218					
205																			
206 Income before Interest & Surplus		11,848		(606)	12,455	0	0	0	0	19,098		9,510	(646)	10,235					
207																			
208 Interest-Long-term debt	427	1,609	SUPPBASE	1,609	0	0	0	0	0	59,462	DISTBASE	16,949	16,017	26,497					
209 AFUDC	432	(18)	DEMAND	(18)	0	0	0	0	0	(650)	DISTBASE	(185)	(175)	(290)					
210 Surplus Requirement		0	None	0	0	0	0	0	0	36,754	CUST	0	0	36,754					
211 Total Interest & Surplus		1,591		1,591	0	0	0	0	0	95,566		16,764	15,842	62,961					
212 Other		0	None	0	0	0	0	0	0	0	CUST	0	0	0					
213 Total Interest & Surplus, Other		1,591		1,591	0	0	0	0	0	95,566		16,764	15,842	62,961					
214																			
215 Over (Under) Total Requirements		10,257		(2,198)	12,455	0	0	0	0	(76,468)		(7,254)	(16,488)	(52,726)					

Account Description	Account Code	SUPPLY DEMAND Dollars	Allocation Allocation Factor	SUPPLY DEMAND Class Allocation										GTS / IT Trans only RC-18			
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHA GS RC-9	Interr. Sales RC-10				
41 F. GENERAL PLANT																	
42 Land and Land Rights	389	55	Suppl.ab-D	0	44	1	7	0	0	0	0	1	1	0	0	0	0
43 Structures & Impr.	390	1,031	Suppl.ab-D	9	826	14	136	3	9	9	5	14	16	0	0	0	0
44 Office Furniture & Equip	391	1,177	Suppl.ab-D	10	943	16	155	3	10	10	6	15	18	0	0	0	0
45 Transportation Equip	392	406	Suppl.ab-D	4	325	6	54	1	3	3	2	5	6	0	0	0	0
46 Stores Equipment	393	11	Suppl.ab-D	0	9	0	1	0	0	0	0	0	0	0	0	0	0
47 Tools, Shop, Garage Equip	394	123	Suppl.ab-D	1	98	2	16	0	1	1	1	2	2	0	0	0	0
48 Power Operated Equip	396	7	Suppl.ab-D	0	6	0	1	0	0	0	0	0	0	0	0	0	0
49 Communication Equip	397	296	Suppl.ab-D	3	237	4	39	1	3	3	1	4	5	0	0	0	0
50 Miscellaneous Equip	398	67	Suppl.ab-D	1	54	1	9	0	1	1	0	1	1	0	0	0	0
51 Subtotal -General	389-399	3,174		28	2,541	44	418	9	27	27	15	42	49	0	0	0	0
52 TOTAL UTILITY PLANT		50,420		445	40,369	705	6,645	136	428	428	246	662	784	0	0	0	0
53 II. DEPRECIATION RESERV																	
54 Production Plant	108.2	28,303	Suppl.ab-D	250	22,661	396	3,730	76	240	240	138	372	440	0	0	0	0
55 Local Storage Plant	108.3	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 Mains	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 Mains- Direct Assign	08.52Direc	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Services	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Meters	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Distr Other	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 General Plant	109	1,438	Suppl.ab-D	13	1,151	20	189	4	12	12	7	19	22	0	0	0	0
62 Total-Depreciation res.	108	29,741		263	23,812	416	3,919	80	253	253	145	391	462	0	0	0	0
63 III. OTHER RATE BASE ITEM																	
64 Unclassified	106	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 CWIP	107	0	Suppl.ab-D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Total-Other Rate Base Items		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 IV. TOTAL RATE BASE (Exc Working Capital (See Subrepor	131	20,679		183	16,556	289	2,725	56	176	176	101	272	321	0	0	0	0
68 Working Capital (See Subrepor		0	WC Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 V. TOTAL RATE BASE		20,679		183	16,556	289	2,725	56	176	176	101	272	321	0	0	0	0

Account Description	Account Code	SUPPLY DEMAND Dollars	Allocation Allocation Factor	SUPPLY DEMAND Class Allocation										GTS / IT Trans. only RC-18				
				Resid.		Comm.		Indu.		Muni.		PHA			Interr. Sales RC-10			
				Non-Heat RC-1	Heat RC-2	Non-Heat RC-3	Heat RC-4	Non-Heat RC-5	Heat RC-6	Non-Heat RC-7	Heat RC-8	GS RC-9						
181 V. REVENUES																		
182 Distribution Revenue	480-483	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183 GCR Revenue	80-483GCI	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Interruptible Sales	480-483Int	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185 USEC Revenue	80-483USI	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 REC Revenue	80-483REI	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Finance Chgs	487	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Misc Discounts	488	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 GTS / IT	489	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Gas Revenues- Adj	495	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191 Revenue Adjustments	495Adj	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192 Subtotal Gas Revenues, net		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193																		
194 Bill Paid Turn Ons & Dig Ups		0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Appliance Service, Other	879Rev	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Subtotal Other Oper Revenue		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197																		
198 Total Operating Revenues		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
199																		
200 Interest Income	418	180	Ratebase	6	135	4	20	1	3	1	2	2	2	1	1	7	7	7
201 Capacity Release Credits	421	4,175	Des/Day-Supp	37	3,343	58	550	11	35	20	55	65	65	0	0	0	0	0
202 Total Non-Oper Income		4,355		43	3,478	62	570	12	38	21	57	67	67	1	1	7	7	7
203																		
204 Total Revenue		4,355		43	3,478	62	570	12	38	21	57	67	67	1	1	7	7	7
205																		
206 Income before Interest & Surpl		(606)		(1)	(494)	(7)	(84)	(2)	(4)	(3)	(8)	(10)	(10)	1	7	7	7	7
207																		
208 Interest-Long-term debt	427	1,609	Ratebase	52	1,211	34	176	5	24	5	18	19	19	7	58	58	58	58
209 AFUDC	432	(18)	Ratebase	(1)	(13)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(1)	(1)
210 Surplus Requirement		0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211 Total Interest & Surplus		1,591		51	1,197	34	174	4	24	5	17	19	19	7	58	58	58	58
212 Other	436	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213 Total Interest & Surplus, Oth		1,591		51	1,197	34	174	4	24	5	17	19	19	7	58	58	58	58
214																		
215 Over (Under) Total Requirement		(2,198)		(52)	(1,691)	(41)	(258)	(6)	(28)	(9)	(26)	(29)	(29)	(6)	(51)	(51)	(51)	(51)

Philadelphia Gas Works
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Account Description	Account Code	SUPPLY COMMODITY Dollars	Allocation Factor	SUPPLY COMMODITY Class Allocation											
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHA GS RC-9	Interr. Sales RC-10	GTS / IT Trans only RC-18	
76 I. OPERATION & MAINTEN.															
77 A. PRODUCTION EXPENSE:															
78 1. Manufactured Gas Production															
79 Operations Labor	701	0	None	0	0	0	0	0	0	0	0	0	0	0	0
80 Steam Gen-Fuel	702	0	None	0	0	0	0	0	0	0	0	0	0	0	0
81 Misc. Steam Expenses	703	0	None	0	0	0	0	0	0	0	0	0	0	0	0
82 Maint Structures	706	0	None	0	0	0	0	0	0	0	0	0	0	0	0
83 Maint Boiler Equip	707	0	None	0	0	0	0	0	0	0	0	0	0	0	0
84 Maint Steam Other	708	0	None	0	0	0	0	0	0	0	0	0	0	0	0
85 Other Elec Gen	712	0	None	0	0	0	0	0	0	0	0	0	0	0	0
86 Steam & Elec Cr Other	734	0	None	0	0	0	0	0	0	0	0	0	0	0	0
87 Plant Protection	735	0	None	0	0	0	0	0	0	0	0	0	0	0	0
88 Maint. Struct & Impr	741	0	None	0	0	0	0	0	0	0	0	0	0	0	0
89 Maint Prod Equip	743	0	None	0	0	0	0	0	0	0	0	0	0	0	0
90 Subtotal-MGP	710-743	0	None	0	0	0	0	0	0	0	0	0	0	0	0
91															
92 2. Other Gas Supply Expenses															
93 Natural Gas Purchases	804	5,134	Gas_Sales_Inter	0	0	0	0	0	0	0	0	0	0	0	0
94 Natural Gas Oper Exp	807	25,259	Gas_Sales_Firm	346	19,550	656	3,612	108	227	73	286	401	5,134	0	0
95 Natural Gas from Stor	808	0		0	0	0	0	0	0	0	0	0	0	0	0
96 Gas-Other Util Ops	812	(17,612)	Gas_Sales_Firm	(241)	(13,631)	(458)	(2,518)	(75)	(158)	(51)	(199)	(280)	0	0	0
97 LNG-Other Util Ops	812LNG	0		0	0	0	0	0	0	0	0	0	0	0	0
98 LNG Oper Exp	813	0	None	0	0	0	0	0	0	0	0	0	0	0	0
99 Subtotal-Prod exp	710-813	12,781		105	5,919	199	1,094	33	69	22	86	121	5,134	0	0
100															
101 B. NATURAL GAS STORAGE															
102 LNG Oper Exp Admin	840	0	None	0	0	0	0	0	0	0	0	0	0	0	0
103 Training	841	0	None	0	0	0	0	0	0	0	0	0	0	0	0
104 Fuel- LNG Power	842	0	None	0	0	0	0	0	0	0	0	0	0	0	0
105 Maint Exp- Admin	843	0	None	0	0	0	0	0	0	0	0	0	0	0	0
106 Oper Exp Admin	850	0	None	0	0	0	0	0	0	0	0	0	0	0	0
107 Subtotal-Storage	840-850	0	None	0	0	0	0	0	0	0	0	0	0	0	0
108															

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Account Description	Account Code	SUPPLY COMMODITY Dollars	Allocation Factor	SUPPLY COMMODITY Class Allocation														
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8	PHA GS RC-9	Interr. Sales RC-10	GTS / IT Trans only RC-18				
181 V. REVENUES																		
182 Distribution Revenue	480-483	20,087	BaseRate_Rev	466	15,710	502	2,606	79	213	209	57	0	0	0	0	5	0	0
183 GCR Revenue	80-483GCI	0	GCR_Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184 Interruptible Sales	480-483Int	7,920	IntertGas_Rev	0	0	0	0	0	0	0	0	0	0	0	7,920	0	0	0
185 USEC Revenue	80-483USC	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186 REC Revenue	80-483REX	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 Finance Chgc	487	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188 Misc Discounts	488	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189 GTS / IT	489	0	GTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190 Gas Revenues- Adj	495	(902)	GCR_Revenue	(12)	(698)	(23)	(129)	(4)	(8)	(10)	(3)	0	0	0	0	0	0	0
191 Revenue Adjustments	495Adj	(1,868)	GCR_Revenue	(26)	(1,446)	(49)	(267)	(8)	(17)	(21)	(5)	0	0	0	0	0	0	0
192 Subtotal Gas Revenues, net		25,236		428	13,566	430	2,210	67	188	178	49	0	0	0	7,924	0	0	0
193																		
194 Bill Paid Turn Ons & Dig Ups		0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195 Appliance Service, Other	879Rev	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Subtotal Other Oper Revenue		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197																		
198 Total Operating Revenues		25,236		428	13,566	430	2,210	67	188	178	49	0	0	0	7,924	0	0	0
199																		
200 Interest Income	418	0	Ratebase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201 Capacity Release Credits	421	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202 Total Non-Oper Income		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203																		
204 Total Revenue		25,236		428	13,566	430	2,210	67	188	178	49	0	0	0	7,924	0	0	0
205																		
206 Income before Interest & Surpl		12,455		323	7,647	231	1,117	35	119	27	27	91	75	2,790	0	0	0	0
207																		
208 Interest-Long-term debt	427	0	Ratebase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209 AFUDC	432	0	Ratebase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210 Surplus Requirement		0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211 Total Interest & Surplus		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212 Other	436	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213 Total Interest & Surplus, Oil		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214																		
215 Over (Under) Total Requirement		12,455		323	7,647	231	1,117	35	119	27	27	91	75	2,790	0	0	0	0

Account Description	Account Code	STORAGE DEMAND Dollars	Allocation Factor	STORAGE DEMAND Class Allocation										PHA GS RC-9	Interr. Sales RC-10	GTS / IT Trans. only RC-18
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Incl. Non-Heat RC-5	Incl. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8					
41 F. GENERAL PLANT																
42 Land and Land Rights	389	247	StorLab-D	2	198	3	33	1	2	1	2	1	3	4	0	0
43 Structures & Impr.	390	4,634	StorLab-D	41	3,710	65	611	13	39	23	23	61	72	72	0	0
44 Office Furniture & Equip	391	5,291	StorLab-D	47	4,236	74	697	14	45	26	26	70	82	82	0	0
45 Transportation Equip	392	1,826	StorLab-D	16	1,462	26	241	5	16	9	9	24	28	28	0	0
46 Stores Equipment	393	50	StorLab-D	0	40	1	7	0	0	0	0	1	1	1	0	0
47 Tools, Shop, Garage Equip	394	551	StorLab-D	5	441	8	73	1	5	3	3	7	9	9	0	0
48 Power Operated Equip	396	32	StorLab-D	0	26	0	4	0	0	0	0	0	0	0	0	0
49 Communication Equip	397	1,331	StorLab-D	12	1,065	19	175	4	11	6	6	17	21	21	0	0
50 Miscellaneous Equip	398	303	StorLab-D	3	243	4	40	1	3	1	1	4	5	5	0	0
51 Subtotal -General	389-399	14,265		126	11,421	199	1,880	38	121	70	70	187	222	222	0	0
52 TOTAL UTILITY PLANT		141,716		1,252	113,464	1,982	18,676	382	1,204	691	1,862	2,203	2,203	2,203	0	0
53 II. DEPRECIATION RESERV																
54 Production Plant	108.2	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
55 Local Storage Plant	108.3	81,092	StorPt-D	716	64,926	1,134	10,687	219	689	396	1,065	1,261	1,261	1,261	0	0
56 Mains	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
57 Mains- Direct Assign	08.52Direx	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Services	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Meters	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
60 Meters	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
61 Distr Other	109	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
62 General Plant	109	6,461	StorLab-D	57	5,173	90	851	17	55	32	85	100	100	100	0	0
63 Total-Depreciation res.	108	87,554		774	70,099	1,224	11,538	236	744	427	1,150	1,361	1,361	1,361	0	0
64 III. OTHER RATE BASE ITER																
65 Unclassified	106	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0
66 CWIP	107	0	StorPt-D	0	0	0	0	0	0	0	0	0	0	0	0	0
67 Total-Other Rate Base Items	69	0		0	0	0	0	0	0	0	0	0	0	0	0	0
70 IV. TOTAL RATE BASE (Exc Working Capital (See Subrepor	131	54,162		479	43,365	757	7,138	146	460	264	711	842	842	842	0	0
71 V. TOTAL RATE BASE		54,162		479	43,365	757	7,138	146	460	264	711	842	842	842	0	0

Account Description	Account Code	STORAGE DEMAND Dollars	Allocation Allocation Factor	STORAGE DEMAND Class Allocation										
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8	PHA GS RC-9	Interr. Sales RC-10	GTS / IT Trans only RC-18
76 I. OPERATION & MAINTEN,														
77 A. PRODUCTION EXPENSES														
78 I. Manufactured Gas Productio														
79 Operations Labor	701	0	None	0	0	0	0	0	0	0	0	0	0	0
80 Steam Gen-Fuel	702	0	None	0	0	0	0	0	0	0	0	0	0	0
81 Misc. Steam Expenses	703	0	None	0	0	0	0	0	0	0	0	0	0	0
82 Maint Structures	706	0	None	0	0	0	0	0	0	0	0	0	0	0
83 Maint Boiler Equip	707	0	None	0	0	0	0	0	0	0	0	0	0	0
84 Maint Steam Other	708	0	None	0	0	0	0	0	0	0	0	0	0	0
85 Other Elec Gen	712	0	None	0	0	0	0	0	0	0	0	0	0	0
86 Steam & Elec Cr Other	734	0	None	0	0	0	0	0	0	0	0	0	0	0
87 Plant Protection	735	0	None	0	0	0	0	0	0	0	0	0	0	0
88 Maint. Struct & Impr	741	0	None	0	0	0	0	0	0	0	0	0	0	0
89 Maint Prod Equip	743	0	None	0	0	0	0	0	0	0	0	0	0	0
90 Subtotal-MGP	710-743	0	None	0	0	0	0	0	0	0	0	0	0	0
91														
92 2. Other Gas Supply Expenses														
93 Natural Gas Purchases	804	0	Gas Report	0	0	0	0	0	0	0	0	0	0	0
94 Natural Gas Oper Exp	807	0	None	0	0	0	0	0	0	0	0	0	0	0
95 Natural Gas from Stor	808	0	None	0	0	0	0	0	0	0	0	0	0	0
96 Gas-Other Util Ops	812	0	None	0	0	0	0	0	0	0	0	0	0	0
97 LNG-Other Util Ops	812LNG	(11,549)	DesDay-Supp	(102)	(9,247)	(162)	(1,522)	(31)	(98)	(56)	(152)	(180)	0	0
98 LNG Oper Exp	813	14,926	DesDay-Supp	132	11,951	209	1,967	40	127	73	196	232	0	0
99 Subtotal-Prod exp	710-813	3,377		30	2,704	47	445	9	29	16	44	53	0	0
100														
101 B. NATURAL GAS STORAGE														
102 LNG Oper Exp Admin	840	946	DesDay-Supp	8	757	13	125	3	8	5	12	15	0	0
103 Training	841	2,107	DesDay-Supp	19	1,687	29	278	6	18	10	28	33	0	0
104 Fuel- LNG Power	842	798	DesDay-Supp	7	639	11	105	2	7	4	10	12	0	0
105 Maint Exp- Admin	843	5,152	DesDay-Supp	46	4,125	72	679	14	44	25	68	80	0	0
106 Oper Exp Admin	850	777	DesDay-Supp	7	622	11	102	2	7	4	10	12	0	0
107 Subtotal-Storage	840-850	9,780		86	7,830	137	1,289	26	83	48	128	152	0	0

Philadelphia Gas Works
Allocated Class COS Study - 2009
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Account Description	Account Code	STORAGE DEMAND Dollars	Allocation Allocation Factor	STORAGE DEMAND Class Allocation						PHIA GS RC-9	Interr. Sales RC-10	GTS / IT Trans only RC-18			
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6				Muni Non-Heat RC-7	Muni Heat RC-8	
181 V. REVENUES															
182 Distribution Revenue	480-483	24,448	BaseRate_Rev	567	19,121	611	3,172	96	259	254	292	6	0	0	
183 GCR Revenue	80-483GCI	0	GCR_Revenue	0	0	0	0	0	0	0	0	0	0	0	
184 Interruptible Sales	480-483Int	0	None	0	0	0	0	0	0	0	0	0	0	0	
185 USEC Revenue	80-483USI	0	None	0	0	0	0	0	0	0	0	0	0	0	
186 REC Revenue	80-483REX	0	None	0	0	0	0	0	0	0	0	0	0	0	
187 Finance Chge	487	0	None	0	0	0	0	0	0	0	0	0	0	0	
188 Misc Discounts	488	0	None	0	0	0	0	0	0	0	0	0	0	0	
189 GTS / IT	489	0	None	0	0	0	0	0	0	0	0	0	0	0	
190 Gas Revenues- Adj	495	0	None	0	0	0	0	0	0	0	0	0	0	0	
191 Revenue Adjustments	495Adj	0	None	0	0	0	0	0	0	0	0	0	0	0	
192 Subtotal Gas Revenues, net		24,448		567	19,121	611	3,172	96	259	254	292	6	0	0	
193															
194 Bill Paid Turn Ons & Dig Ups		0	None	0	0	0	0	0	0	0	0	0	0	0	
195 Appliance Service, Other	879Rev	0	None	0	0	0	0	0	0	0	0	0	0	0	
196 Subtotal Other Oper Revenue		0		0	0	0	0	0	0	0	0	0	0	0	
197															
198 Total Operating Revenues		24,448		567	19,121	611	3,172	96	259	254	292	6	0	0	
199															
200 Interest Income	418	471	Ratebase	15	354	10	51	1	7	5	6	2	17	17	
201 Capacity Release Credits	421	0	None	0	0	0	0	0	0	0	0	0	0	0	
202 Total Non-Oper Income		471		15	354	10	51	1	7	5	6	2	17	17	
203															
204 Total Revenue		24,919		582	19,475	620	3,224	98	266	259	298	8	17	17	
205															
206 Income before Interest & Surpl		1,216		373	498	289	100	34	65	(52)	(71)	8	17	17	
207															
208 Interest-Long-term debt	427	4,214	Ratebase	135	3,171	89	460	12	64	46	51	19	153	153	
209 AFUDC	432	(46)	Ratebase	(1)	(35)	(1)	(5)	(0)	(1)	(1)	(1)	(0)	(2)	(2)	
210 Surplus Requirement		0	None	0	0	0	0	0	0	0	0	0	0	0	
211 Total Interest & Surplus		4,168		134	3,136	88	455	12	63	46	50	19	151	151	
212 Other		0	None	0	0	0	0	0	0	0	0	0	0	0	
213 Total Interest & Surplus, Oth	436	4,168		134	3,136	88	455	12	63	46	50	19	151	151	
214															
215 Over (Under) Total Requirement		(2,951)		239	(2,638)	201	(355)	22	2	(97)	(121)	(11)	(134)	(134)	

Account Description	Account Code	DISTRIBUTIO DEMAND Dollars	Allocation Factor	DISTRIBUTION DEMAND Class Allocation										Interr. Sales RC-10	GTS / IT Trans only RC-18
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHA GS RC-9			
I. GAS PLANT IN SERVICE															
2 A. INTANGIBLE PLANT															
301-303	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
4 B. PRODUCTION PLANT															
304	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
305	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
306	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
307	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
311	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
320	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
304-338	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
11 Subtotal-Production															
360	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
13 C. STORAGE PLANT (Mostly LNG Plant)															
360	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
361	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
362	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
363	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
364	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
365	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
366	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
367	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
368	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
360-368	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0
23 Subtotal-Storage															
24															
25 E. DISTRIBUTION PLANT															
374	DistPt-D	101	1	74	2	11	0	0	5	1	2	3	1	3	
375	DistPt-D	2,683	18	1,954	40	291	8	134	18	18	44	70	33	71	
376	ExcessDemand	297,012	2,055	222,505	4,557	32,976	897	15,225	2,048	4,944	8,037	3,769	0		
376Direct	GTS	7,574	0	0	0	0	0	0	0	0	0	0	7,574		
377	DesDay-Mains	1,255	10	884	22	146	4	51	8	20	29	15	65		
378	DesDay-Mains	16,623	129	11,716	293	1,928	54	677	102	270	384	205	863		
380	None	0	0	0	0	0	0	0	0	0	0	0	0		
381	None	0	0	0	0	0	0	0	0	0	0	0	0		
382	None	0	0	0	0	0	0	0	0	0	0	0	0		
383	None	0	0	0	0	0	0	0	0	0	0	0	0		
384	None	0	0	0	0	0	0	0	0	0	0	0	0		
385	Cust_Ind	314	0	0	0	0	66	161	0	0	0	0	0		
387	DistPt-D	5,670	39	4,130	86	616	18	283	38	92	148	70	151		
374-387	DistPt-D	331,232	2,252	241,263	4,999	35,968	1,048	16,537	2,214	5,372	8,671	4,094	8,814		
39 Subtotal-Distribution															

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$'000s)

Account Description	Account Code	DISTRIBUTION COMMODITY Dollars	Allocation Allocation Factor	DISTRIBUTION COMMODITY Class Allocation										GTS / IT Trans only RC-18			
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHA GS RC-9	Interr. Sales RC-10				
41 F. GENERAL PLANT																	
42 Land and Land Rights	389	239	DistLab-E	3	142	6	31	1	3	1	4	3	3	44			
43 Structures & Impr.	390	4,489	DistLab-E	47	2,657	109	588	18	47	18	67	55	52	832			
44 Office Furniture & Equip	391	5,126	DistLab-E	54	3,034	124	672	20	54	20	76	62	60	950			
45 Transportation Equip	392	1,769	DistLab-E	19	1,047	43	232	7	19	7	26	21	21	328			
46 Stores Equipment	393	49	DistLab-E	1	29	1	6	0	1	0	1	1	1	9			
47 Tools, Shop, Garage Equip	394	534	DistLab-E	6	316	13	70	2	6	2	8	6	6	99			
48 Power Operated Equip	396	31	DistLab-E	0	18	1	4	0	0	0	0	0	0	6			
49 Communication Equip	397	1,289	DistLab-E	14	763	31	169	5	14	5	19	16	15	239			
50 Miscellaneous Equip	398	294	DistLab-E	3	174	7	38	1	3	1	4	4	3	54			
51 Subtotal-General	389-399	13,819		145	8,179	334	1,811	55	146	54	205	168	161	2,561			
52 TOTAL UTILITY PLANT		310,831		3,184	179,826	7,480	40,502	1,222	3,315	1,239	4,709	3,689	3,539	62,125			
53 II. DEPRECIATION RESERV																	
54 Production Plant	108.2	0	None	0	0	0	0	0	0	0	0	0	0	0			
55 Local Storage Plant	108.3	0	None	0	0	0	0	0	0	0	0	0	0	0			
56 Mains	109	98,690	Thruput	1,010	57,034	2,375	12,856	388	1,053	394	1,496	1,170	1,123	19,792			
57 Mains- Direct Assign	08.52Direx	0	None	0	0	0	0	0	0	0	0	0	0	0			
58 Services	109	0	None	0	0	0	0	0	0	0	0	0	0	0			
59 Meters	109	0	None	0	0	0	0	0	0	0	0	0	0	0			
60 Distr Other	109	0	None	0	0	0	0	0	0	0	0	0	0	0			
61 General Plant	109	6,259	DistLab-E	66	3,705	151	820	25	66	24	93	76	73	1,160			
62 Total-Depreciation res.	108	104,949		1,075	60,739	2,526	13,676	413	1,119	418	1,589	1,246	1,195	20,952			
63 III. OTHER RATE BASE ITEM																	
64 Unclassified	106	0	None	0	0	0	0	0	0	0	0	0	0	0			
65 CWIP	107	0	DistPl-E	0	0	0	0	0	0	0	0	0	0	0			
66 Total-Other Rate Base Items		0		0	0	0	0	0	0	0	0	0	0	0			
67 IV. TOTAL RATE BASE (Exc Working Capital (See Subrepor	131	205,882	WC Report	2,108	119,088	4,955	26,826	809	2,196	821	3,120	2,443	2,344	41,173			
68 Working Capital (See Subrepor		114,293		1,242	86,677	2,422	18,200	436	1,559	502	2,552	1,672	(352)	(616)			
69 V. TOTAL RATE BASE		320,175		3,351	205,765	7,376	45,025	1,245	3,755	1,323	5,671	4,115	1,992	40,557			

Account Description	Account Code	DISTRIBUTION COMMODITY Dollars	Allocation Allocation Factor	DISTRIBUTION COMMODITY Class Allocation											
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni. Non-Heat RC-7	Muni. Heat RC-8	PHIA GS RC-9	Interr. Sales RC-10	GTS / IT Trans only RC-18	
76 I. OPERATION & MAINTEN.															
77 A. PRODUCTION EXPENSES															
79 Operations Labor	701	0	None	0	0	0	0	0	0	0	0	0	0	0	0
80 Steam Gen-Fuel	702	0	None	0	0	0	0	0	0	0	0	0	0	0	0
81 Misc. Steam Expenses	703	0	None	0	0	0	0	0	0	0	0	0	0	0	0
82 Maint Structures	706	0	None	0	0	0	0	0	0	0	0	0	0	0	0
83 Maint Boiler Equip	707	0	None	0	0	0	0	0	0	0	0	0	0	0	0
84 Maint Steam Other	708	0	None	0	0	0	0	0	0	0	0	0	0	0	0
85 Other Elec Gen	712	0	None	0	0	0	0	0	0	0	0	0	0	0	0
86 Steam & Elec Cr Other	734	0	None	0	0	0	0	0	0	0	0	0	0	0	0
87 Plant Protection	735	0	None	0	0	0	0	0	0	0	0	0	0	0	0
88 Maint. Struct & Impr	741	0	None	0	0	0	0	0	0	0	0	0	0	0	0
89 Maint Prod Equip	743	0	None	0	0	0	0	0	0	0	0	0	0	0	0
90 Subtotal-MGFP	710-743	0	None	0	0	0	0	0	0	0	0	0	0	0	0
91															
92 2. Other Gas Supply Expenses															
93 Natural Gas Purchases	804	0	Gas Report	0	0	0	0	0	0	0	0	0	0	0	0
94 Natural Gas Oper Exp	807	0	None	0	0	0	0	0	0	0	0	0	0	0	0
95 Natural Gas from Stor	808	0	None	0	0	0	0	0	0	0	0	0	0	0	0
96 Gas-Other Util Ops	812	0	None	0	0	0	0	0	0	0	0	0	0	0	0
97 LNG-Other Util Ops	812LNG	0	None	0	0	0	0	0	0	0	0	0	0	0	0
98 LNG Oper Exp	813	0	None	0	0	0	0	0	0	0	0	0	0	0	0
99 Subtotal-Prod exp	710-813	0	None	0	0	0	0	0	0	0	0	0	0	0	0
100															
101 B. NATURAL GAS STORAGE															
102 LNG Oper Exp Admin	840	0	None	0	0	0	0	0	0	0	0	0	0	0	0
103 Training	841	0	None	0	0	0	0	0	0	0	0	0	0	0	0
104 Fuel- LNG Power	842	0	None	0	0	0	0	0	0	0	0	0	0	0	0
105 Maint Exp- Admin	843	0	None	0	0	0	0	0	0	0	0	0	0	0	0
106 Oper Exp Admin	850	0	None	0	0	0	0	0	0	0	0	0	0	0	0
107 Subtotal-Storage	840-850	0	None	0	0	0	0	0	0	0	0	0	0	0	0

Philadelphia Gas Works
 Allocated Class COS Study - 2009
 Future Test Year Ended August 31, 2010 (\$000s)

Exhibit HSG-4G
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Account Description	Account Code	ONSITE CUSTOMER Dollars	Allocation Factor	ONSITE CUSTOMER Class Allocation										Interr. Sales RC-10	GTS / IT Trans only RC-18
				Resid. Non-Heat RC-1	Resid. Heat RC-2	Comm. Non-Heat RC-3	Comm. Heat RC-4	Indu. Non-Heat RC-5	Indu. Heat RC-6	Muni Non-Heat RC-7	Muni Heat RC-8	PHA GS RC-9			
181 V. REVENUES				4,902	165,210	5,275	27,409	832	2,239	599	2,198	51	0		
182 Distribution Revenue	480-483	211,239	BaseRate_Rev	0	0	0	0	0	0	0	0	0	0		
183 GCR Revenue	80-483GCI	0	None	0	0	0	0	0	0	0	0	0	0		
184 Interruptible Sales	480-483IIn	0	None	0	0	0	0	0	0	0	0	0	0		
185 USEC Revenue	80-483USC	0	None	0	0	0	0	0	0	0	0	0	0		
186 REC Revenue	80-483REK	0	None	0	0	0	0	0	0	0	0	0	0		
187 Finance Chge	487	0	None	0	0	0	0	0	0	0	0	0	0		
188 Misc Discounts	488	0	None	0	0	0	0	0	0	0	0	0	0		
189 GTS / IT	489	0	None	0	0	0	0	0	0	0	0	0	0		
190 Gas Revenues- Adj	495	0	None	0	0	0	0	0	0	0	0	0	0		
191 Revenue Adjustments	495A dj	0	None	0	0	0	0	0	0	0	0	0	0		
192 Subtotal Gas Revenues, net		211,239		4,902	165,210	5,275	27,409	832	2,239	599	2,198	51	0		
193															
194 Bill Paid Turn Ons & Dig Ups		1,972	Cust_Avg	131	1,722	22	78	1	2	1	2	1	1		
195 Appliance Service, OIther	879Rev	7,000	Cust_Res	493	6,465	0	0	0	0	0	0	0	0		
196 Subtotal Other Oper Revenue		8,972		624	8,187	22	78	1	2	1	2	1	1		
197															
198 Total Operating Revenues		220,211		5,527	173,397	5,297	27,487	833	2,241	601	2,200	52	1		
199															
200 Interest Income	418	1,547	Ratebase	50	1,164	33	169	4	24	5	17	7	56		
201 Capacity Release Credits	421	0	None	0	0	0	0	0	0	0	0	0	0		
202 Total Non-Oper Income		1,547		50	1,164	33	169	4	24	5	17	7	56		
203															
204 Total Revenue		221,758		5,576	174,561	5,329	27,656	837	2,264	606	2,217	58	57		
205															
206 Income before Interest & Surpl		40,160		(4,178)	30,928	331	9,033	165	647	357	1,584	6	(524)		
207															
208 Interest-Long-term debt	427	13,842	Ratebase	444	10,416	292	1,512	39	210	47	151	61	502		
209 AFUDC	432	(151)	Ratebase	(5)	(114)	(3)	(17)	(0)	(2)	(1)	(2)	(1)	(5)		
210 Surplus Requirement		0	None	0	0	0	0	0	0	0	0	0	0		
211 Total Interest & Surplus		13,691		439	10,302	289	1,496	38	208	46	150	61	497		
212 Other		0	None	0	0	0	0	0	0	0	0	0	0		
213 Total Interest & Surplus, OI		13,691		439	10,302	289	1,496	38	208	46	150	61	497		
214															
215 Over (Under) Total Requirements		26,469		(4,617)	20,626	42	7,537	126	439	311	1,434	(55)	(1,020)		

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Step I. Classification						
Allocator Name	Total	Demand	Energy	Customer		
1 DEMAND	EXT	1	100.00%	0	0	0.00%
2 DEMAND%						
3						
4 COMMODITY	EXT	1	0	1	0	0.00%
5 COMMODITY%						
6						
7 CUST	EXT	1	0	0	1	100.00%
8 CUST%						
9						
10 MAINS	EXT	0	50	50	0	0.00%
11 MAINS%						
12						
13 SUPPLABOR	INT	779	779	0	0	0.00%
14 SUPPLABOR%						
15						
16 STORLABOR	INT	3,502	3,502	0	0	0.00%
17 STORLABOR%						
18						
19 DISTLABOR	INT	13,348	4,338	3,393	5,617	42.08%
20 DISTLABOR%						
21						
22 SUPPPT	INT	47,246	47,246	0	0	0.00%
23 SUPPPT%						
24						
25 STORPPT	INT	127,450	127,450	0	0	0.00%
26 STORPPT%						
27						
28 DISTPT	INT	1,185,068	331,232	297,012	556,823	46.99%
29 DISTPT%						
30						
31 SUPPO&M	INT	29,224	3,661	25,563	0	0.00%
32 SUPPO&M%						
33						

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Step II. Classification						
Allocator	Name	Total	Demand	Energy	Customer	
34	SUPP_REV	INT	0	28,006	0	
35	SUPP_REV%		0.00%	100.00%	0.00%	
36						
37	STOR_REV	INT	24,448	0	0	
38	STOR_REV%		100.00%	0.00%	0.00%	
39						
40	TRAN_REV	INT	0	0	0	
41	TRAN_REV%		0.00%	0.00%	0.00%	
42						
43	DIST_REV	INT	26,029	21,258	87,429	
44	DIST_REV%		19.32%	15.78%	64.90%	
45						
46	SUPPBASE	INT	20,679	0	0	
47	SUPPBASE%		100.00%	0.00%	0.00%	
48						
49	STORBASE	INT	54,162	0	0	
50	STORBASE%		100.00%	0.00%	0.00%	
51						
52	TRANBASE	INT	0	0	0	
53	TRANBASE%		0.00%	0.00%	0.00%	
54						
55	DISTBASE	INT	217,861	205,882	340,585	
56	DISTBASE%		28.50%	26.94%	44.56%	
57						
58	MAIN&SERVICE	INT	297,012	297,012	556,823	
59	MAIN&SERVICE%		25.81%	25.81%	48.38%	
60						
61	SUPPO&MXGAS	INT	3,661	12,781	0	
62	SUPPO&MXGAS%		22.27%	77.73%	0.00%	
63						
64	STORO&MXGAS	INT	20,012	0	0	
65	STORO&MXGAS%		100.00%	0.00%	0.00%	
66						
67	DISTO&MXGAS	INT	21,024	17,133	71,124	
68	DISTO&MXGAS%		19.24%	15.68%	65.08%	
69						

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Step III - Allocation														
Allocator Name	Total	Resid. Non-Heat	Resid. Heat	Comm. Non-Heat	Comm. Heat	Indu. Non-Heat	Indu. Heat	Muni. Non-Heat	Muni. Heat	PHA GS	Interr. Sales	GTS / IT Trans only		
73 USEC_Rev	EXT 110,827	1,439 1.30%	81,271 73.33%	3,384 3.05%	18,319 16.53%	553 0.50%	1,501 1.35%	561 0.51%	2,132 1.92%	1,667 1.50%	0 0.00%	0 0.00%		
74 REC_Rev	EXT 1,212	16 1.30%	889 73.33%	37 3.05%	200 16.53%	6 0.50%	16 1.35%	6 0.51%	23 1.92%	18 1.50%	0 0.00%	0 0.00%		
75 GTS	EXT 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	1	
76 CRP_Diff	EXT 77,492	159 0.21%	77,333 99.79%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%		
77 Senior_Disc	EXT 10,530	163 1.55%	10,345 98.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	21 0.20%	0 0.00%	0 0.00%		
78 MeterRead	EXT 811	32 3.96%	660 81.36%	16 1.92%	76 9.43%	2 0.25%	5 0.61%	2 0.20%	6 0.71%	8 1.02%	4 0.52%	0 0.03%		
79 Account903	EXT 29,630	1,484 5.01%	25,084 84.66%	552 1.86%	2,200 7.43%	44 0.15%	99 0.34%	12 0.04%	20 0.07%	110 0.37%	4 0.01%	21 0.07%		
80 Account908	EXT 3,538	189 5.34%	2,479 70.06%	2 0.06%	8 0.22%	178 5.03%	434 12.26%	0 0.00%	0 0.01%	16 0.45%	0 0.00%	232 6.55%		
81 Over60-Dol	EXT 1	2.06%	88.66%	1.31%	7.08%	0.28%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%		
82 Over60-Dol	EXT 1	2.06%	88.66%	1.31%	7.08%	0.28%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%		
83 WriteOff-Dol	EXT 100.00%	2.24%	96.41%	0.19%	1.04%	0.04%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%		
84 WriteOff-Dol	EXT 100.00%	2.24%	96.41%	0.19%	1.04%	0.04%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%		
85 SuppLab-D	DNT 781	7 0.88%	625 80.06%	11 1.40%	103 13.18%	2 0.27%	7 0.85%	4 0.49%	10 1.31%	12 1.55%	0 0.00%	0 0.00%		
86 SuppLab-D	DNT 3,509	31 0.88%	2,809 80.06%	49 1.40%	462 13.18%	9 0.27%	30 0.85%	17 0.49%	46 1.31%	55 1.55%	0 0.00%	0 0.00%		
87 StorLab-D	DNT 3,509	31 0.88%	2,809 80.06%	49 1.40%	462 13.18%	9 0.27%	30 0.85%	17 0.49%	46 1.31%	55 1.55%	0 0.00%	0 0.00%		
88 StorLab-D	DNT 3,509	31 0.88%	2,809 80.06%	49 1.40%	462 13.18%	9 0.27%	30 0.85%	17 0.49%	46 1.31%	55 1.55%	0 0.00%	0 0.00%		

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

		Step III Allocation												
Allocator Name	Total INT	Resid. Non-Heat	Resid. Heat	Comm. Non-Heat	Comm. Heat	Indu. Non-Heat	Indu. Heat	Muni. Non-Heat	Muni. Heat	PHA GS	Interr. Sales	GTS / IT Trans only		
109 DistLab-D%	4,346	31	3,203	69	489	13	210	29	72	113	55	63		
		0.72%	73.68%	1.60%	11.24%	0.31%	4.83%	0.67%	1.65%	2.60%	1.26%	1.44%		
110 DistLab-E	3,399	36	2,012	82	446	13	36	13	51	41	40	630		
		1.05%	59.19%	2.42%	13.11%	0.39%	1.05%	0.39%	1.49%	1.21%	1.16%	18.53%		
111 DistLab-C	5,627	362	4,745	89	321	8	19	5	20	31	9	20		
		6.43%	84.33%	1.58%	5.70%	0.14%	0.33%	0.10%	0.35%	0.54%	0.15%	0.35%		
112 OnSilab-C	35,084	1,890	27,866	995	3,707	77	183	50	127	152	10	28		
		5.39%	79.43%	2.84%	10.57%	0.22%	0.52%	0.14%	0.36%	0.43%	0.03%	0.08%		
113 SuppPt-D	47,246	417	37,827	661	6,226	127	401	230	621	735	0	0		
		0.88%	80.06%	1.40%	13.18%	0.27%	0.85%	0.49%	1.31%	1.55%	0.00%	0.00%		
114 StorPt-D%	127,450	1,126	102,043	1,782	16,796	344	1,082	622	1,674	1,981	0	0		
		0.88%	80.06%	1.40%	13.18%	0.27%	0.85%	0.49%	1.31%	1.55%	0.00%	0.00%		
115 DistPt-D	331,232	2,252	241,263	4,999	35,968	1,048	16,537	2,214	5,372	8,671	4,094	8,814		
		0.68%	72.84%	1.51%	10.86%	0.32%	4.99%	0.67%	1.62%	2.62%	1.24%	2.66%		
116 DistPt-E	297,012	3,039	171,647	7,146	38,691	1,167	3,170	1,185	4,504	3,521	3,378	59,564		
		1.02%	57.79%	2.41%	13.03%	0.39%	1.07%	0.40%	1.52%	1.19%	1.14%	20.05%		
117 DistPt-C	556,823	35,804	469,544	8,815	31,725	755	1,839	541	1,944	3,031	859	1,966		
		6.43%	84.33%	1.58%	5.70%	0.14%	0.33%	0.10%	0.35%	0.54%	0.15%	0.35%		
118 OnSilPt-C	162,125	8,865	116,258	6,726	24,208	423	1,030	413	1,089	711	207	2,196		
		5.47%	71.71%	4.15%	14.93%	0.26%	0.64%	0.25%	0.67%	0.44%	0.13%	1.35%		

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
INDEX TO EXHIBIT HSG - 6

Allocators	<u>Exhibit HSG-6A</u>
DesignDay-Supply Allocator	<u>Exhibit HSG-6B</u>
DesignDay-Mains Allocator	<u>Exhibit HSG-6C</u>
Sendout, Gas_Sales_Firm and Gas_Sales_Interr	<u>Exhibit HSG-6D</u>
Thruput Allocator	<u>Exhibit HSG-6E</u>
GTS / IT Allocators	<u>Exhibit HSG-6F</u>
WINTER3 Allocator	<u>Exhibit HSG-6G</u>
Cust_Avg Allocator	<u>Exhibit HSG-6H</u>
Meter_Invest Allocator	<u>Exhibit HSG-6I</u>
Service_Invest Allocator	<u>Exhibit HSG-6J</u>
Acct903 Allocator	<u>Exhibit HSG-6K</u>
Acct908 Allocator	<u>Exhibit HSG-6L</u>
METERREAD Allocator	<u>Exhibit HSG-6M</u>
Account Aging	<u>Exhibit HSG-6N</u>
Write-Offs	<u>Exhibit HSG-6O</u>
GTS-DIR-MAINS, GTS-DIR-EXP, GTS-DIR-ACCDEP	<u>Exhibit HSG-6P</u>
Test Year Tariff Revenue at Current Rates	<u>Exhibit HSG-6Q</u>

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Allocator Values

Allocator Name	TOTAL	Residential Non-Heat	Residential Heat	Commercial Non-Heat	Commercial Heat	Industrial Non-Heat	Industrial Heat	Municipal Non-Heat	Municipal Heat	Housing Anth GS	Interruptible Sales	GTS / IT Trans
ALLOCATOR VALUES												
1 Cust_Avg	494,754	32,944	432,035	5,407	19,461	227	552	332	584	2,789	129	295
2 Cust_xL	494,330	32,944	432,035	5,407	19,461	227	552	332	584	2,789		
3 Cust_Res	467,768	32,944	432,035									
4 Cust_Comm	24,868			5,407	19,461							
5 Cust_Ind	1,074					227	552					295
6 Cust_Comm_Ind	25,941			5,407	19,461	227	552					295
7 Deliveries_Firm	53,384,985	693,066	39,147,988	1,629,885	8,824,257	266,214	722,939	270,352	1,027,191	803,093		
8 Gas_Sales_Firm	50,580,027	693,066	39,147,988	1,314,572	7,232,733	215,345	454,809	146,486	571,935	803,093	0	
9 Gas_Sales_Interr	770,488										770,488	
10 Throughput	70,197,298	718,203	40,567,863	1,689,000	9,144,308	275,869	749,160	280,158	1,064,447	832,221	798,433	14,077,637
11 DesDay-Supp	653,699	5,775	523,381	9,142	86,147	1,764	5,552	3,188	8,587	10,163		
12 DesDay-Maints	742,597	5,775	523,381	13,069	86,147	2,418	30,260	4,562	12,077	17,169	9,170	38,569
13 ExcessDemand	550,276	3,808	412,236	8,442	61,095	1,662	28,207	3,794	9,160	14,889	6,983	0
14 Winter3	27,243,614	273,845	20,482,923	584,896	4,318,484	104,644	360,251	117,565	590,788	410,218		
15 Over60-Dol	100.0%	2.1%	88.7%	1.3%	7.1%	0.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
16 WriteOff-Dol	100.0%	2.2%	96.4%	0.2%	1.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
17 MeterRead	811,401	32,097	660,174	15,577	76,484	2,037	4,982	1,643	5,729	8,275	4,187	216
18 Account908	29,629,577	1,484,383	25,083,697	551,503	2,200,150	44,063	99,293	11,535	20,277	109,777	3,517	21,381
19 Account908	3,538,488	189,047	2,479,210	2,200	7,919	178,062	433,793	135	237	16,005	52	231,828
20 Tariff_Rev	878,335,221	15,544,526	672,287,491	22,734,957	121,812,189	3,663,600	8,961,938	2,740,759	10,379,184	12,197,103	8,013,474	
21 BaseRate_Rev	389,086,758	9,029,844	304,304,234	9,716,496	50,485,814	1,532,642	4,124,099	1,103,862	4,047,664	4,648,190		
22 Delivery_Chg_Rev	315,537,962	4,285,920	242,091,158	8,548,584	46,282,346	1,396,692	3,792,899	1,032,150	3,921,610	4,186,604		
23 GCR_Revenue	369,289,835	5,060,144	285,823,375	9,597,822	52,806,907	1,572,255	3,320,606	1,069,509	4,175,755	5,863,462		
24 InterGas_Rev	7,919,560										7,919,560	
25 USFC_Rev	110,827,229	1,438,805	81,271,223	3,383,641	18,319,158	552,660	1,500,821	561,251	2,132,449	1,667,221		
26 REC_Rev	1,211,839	15,733	888,659	36,998	200,311	6,043	16,411	6,137	23,317	18,230		
27 CustChg_Rev	73,548,796	4,743,924	62,213,076	1,167,912	4,203,468	135,950	331,200	71,712	126,054	461,586	93,914	
28 CRP_Diff	77,492,348	159,489	77,332,859									
29 Senior_Disc	10,529,619	163,307	10,344,927									
30 Meter_Invest	139,545,661	7,535,589	98,823,714	6,032,320	21,711,107	379,182	923,758	370,396	976,612	637,975	185,762	1,969,247
31 Service_Invest	1,509,873,267	97,085,722	1,273,207,882	23,901,644	86,025,140	2,047,180	4,987,320	1,467,606	5,272,675	8,219,429	2,328,018	5,330,650

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
DESIGN DAY SENDOUT (MCF)
Provided by PGW Gas Model

Line	Classes	Type	2009-2010		
			Sales mcf	Firm Transport mcf	Total Sendout mcf
1	Residential Non-Heat	Non-Heat	5,775	-	5,775
2	Residential Heat	Heat	523,381	-	523,381
3	Commercial Non-Heat	Non-Heat	9,142	3,928	13,069
4	Commercial Heat	Heat	86,147	-	86,147
5	Industrial Non-Heat	Non-Heat	1,764	654	2,418
6	Industrial Heat	Heat	5,552	24,707	30,260
7	Municipal Non-Heat	Non-Heat	3,188	1,373	4,562
8	Municipal Heat	Heat	8,587	3,489	12,077
9	Housing Auth GS	Heat	10,163	7,007	17,169
10	TOTAL		653,699	41,159	694,858

DesDay-Supp

11
12 Allocator

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
DESDAY-MAINS ALLOCATOR
Represents Usage of Mains on Peak Day

Line Classes	Type	July / August Average Daily Deliveries	January Monthly Base Deliveries	January Normal Total Deliveries	January Normal Thermal Deliveries	January Normal Thermal Deliveries per HDD	January Thermal Deliveries per HDD	January Thermal Deliveries per HDD X (65 Design HDD)	Peak Day Thermal Deliveries	Peak Day Total Deliveries
62		31	31	953	65					
1	Residential Non-Heat									
2	Residential Heat									
3	Commercial Non-Heat									
4	Commercial Heat									
5	Industrial Non-Heat									
6	Industrial Heat									
7	Municipal Non-Heat									
8	Municipal Heat									
9	Housing Auth GS									
10	Interruptible Sales									
11	GTS / IT Trans									
12										
13	TOTAL									
14										
15										

PGW DESIGN DAY VALUES
See Exhibit 3-B

5,775
523,381
13,069
86,147
2,418
30,260
4,562
12,077
17,169
9,170
38,569
742,597

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Gas Sencout Allocator
Billed Sales and Transport mcf for All Customer Classes

Line	Class	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	TOTAL
1	Residential Non-Heat	33,672	38,280	54,504	75,031	104,371	94,443	79,373	62,811	42,668	40,765	34,310	32,838	693,066
2	Residential Heat	692,457	1,110,861	2,813,480	5,019,543	8,208,133	7,255,247	5,717,997	3,988,346	1,844,019	980,016	774,265	743,624	39,147,998
3	Commercial Non-Heat	90,598	103,608	133,970	172,574	214,948	197,374	171,830	138,722	106,069	112,218	95,820	92,154	1,629,885
4	Commercial Heat	231,381	361,260	716,419	1,169,355	1,672,836	1,476,293	1,185,101	804,798	424,517	297,088	246,907	238,302	8,824,257
5	Industrial Non-Heat	12,912	16,748	23,449	32,257	38,030	34,357	29,411	21,294	15,361	15,757	13,551	13,087	266,214
6	Industrial Heat	18,415	32,395	63,267	103,028	137,012	120,211	96,510	61,436	31,842	22,198	18,631	17,994	722,939
7	Municipal Non-Heat	10,666	16,527	25,829	37,698	42,369	37,498	31,377	19,930	13,445	12,971	11,214	10,828	270,352
8	Municipal Heat	11,449	47,565	108,803	186,798	218,037	185,953	145,630	70,227	27,565	9,316	8,053	7,795	1,027,191
9	Housing Auth GS	19,177	40,498	78,502	126,895	151,743	131,580	105,602	59,845	31,052	21,687	18,574	17,938	803,093
10	Interruptible Sales	18,918	49,041	86,911	135,288	141,540	120,532	99,262	56,065	24,043	11,991	13,332	13,565	770,488
11	GTS / IT Trans	837,042	1,060,507	1,281,527	1,618,764	1,760,051	1,537,455	1,457,157	1,121,619	932,101	805,919	832,747	832,748	14,077,637
12														
13	TOTAL	<u>1,976,687</u>	<u>2,877,290</u>	<u>5,386,661</u>	<u>8,677,231</u>	<u>12,689,070</u>	<u>11,190,943</u>	<u>9,119,250</u>	<u>6,405,093</u>	<u>3,492,682</u>	<u>2,329,926</u>	<u>2,067,404</u>	<u>2,020,873</u>	<u>68,233,110</u>
14														
15	Heat	919,244	1,494,327	3,579,572	6,273,715	9,938,601	8,776,023	6,936,760	4,785,589	2,258,403	1,264,361	1,011,419	972,544	48,210,558
16	Non-Heat	122,967	144,347	195,520	260,738	331,456	301,744	258,753	202,720	147,928	151,048	128,631	123,617	2,369,469
17	Interruptible	18,918	49,041	86,911	135,288	141,540	120,532	99,262	56,065	24,043	11,991	13,332	13,565	770,488
18	FT	78,516	129,068	243,131	388,726	517,422	455,189	367,318	239,100	130,207	96,607	81,275	78,399	2,804,958
19	GTS / IT	837,042	1,060,507	1,281,527	1,618,764	1,760,051	1,537,455	1,457,157	1,121,619	932,101	805,919	832,747	832,748	14,077,637
20	TOTAL	<u>1,976,687</u>	<u>2,877,290</u>	<u>5,386,661</u>	<u>8,677,231</u>	<u>12,689,070</u>	<u>11,190,943</u>	<u>9,119,250</u>	<u>6,405,093</u>	<u>3,492,682</u>	<u>2,329,926</u>	<u>2,067,404</u>	<u>2,020,873</u>	<u>68,233,110</u>
21														
22	GCR Sales	<u>1,042,211</u>	<u>1,638,674</u>	<u>3,775,092</u>	<u>6,534,453</u>	<u>10,270,057</u>	<u>9,077,767</u>	<u>7,195,513</u>	<u>4,988,309</u>	<u>2,406,331</u>	<u>1,415,409</u>	<u>1,140,050</u>	<u>1,096,161</u>	<u>50,580,027</u>

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Customer Choice Program (IT) FORECAST FY 2009-10

Line	IT Rate	Customers	Volume mcf	Volumetric Revenue	Customer Charge Revenue	Total Revenue	Unit Volumetric Charge	Per Customer Charge
1	IT2	2	26,053	96,253	1,800	98,053	3.6946	900
2	IT3	32	542,702	929,714	57,600	987,314	1.7131	1,800
3	IT5	5	261,804	218,847	9,000	227,847	0.8359	1,800
4	IT6	3	76,964	63,542	9,000	72,542	0.8256	3,000
5	ITA	44	167,516	314,230	66,000	380,230	1.8758	1,500
6	ITB	117	2,125,424	1,929,803	315,900	2,245,703	0.9080	2,700
7	ITC	33	596,725	419,189	89,100	508,289	0.7025	2,700
8	ITD	33	2,215,881	1,402,458	89,100	1,491,558	0.6329	2,700
9	ITE	13	2,037,701	1,234,606	54,600	1,289,206	0.6059	4,200
10	Incremental	1	17,833	12,661	-	12,661	0.7100	-
11	Negotiated	7	99,176	291,382	10,836	302,218	2.9380	1,548
12	From Int Sales		439,220	360,619	93,000	453,619	0.8210	
13	GTS	5	10,941,274	1,750,985	18,000	1,768,985	0.1600	3,600
14	Suppliers	-	-	-	5,400	5,400		
15	Total	295	19,548,273	9,024,289	819,336	9,843,625		

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
WINTER3 Allocator

Represents Billed Sales mcf for December-February

Line	Class	Dec-09	Jan-10	Feb-10	TOTAL
1	Residential Non-Heat	75,031	104,371	94,443	273,845
2	Residential Heat	5,019,543	8,208,133	7,255,247	20,482,923
3	Commercial Non-Heat	172,574	214,948	197,374	584,896
4	Commercial Heat	1,169,355	1,672,836	1,476,293	4,318,484
5	Industrial Non-Heat	32,257	38,030	34,357	104,644
6	Industrial Heat	103,028	137,012	120,211	360,251
7	Municipal Non-Heat	37,698	42,369	37,498	117,565
8	Municipal Heat	186,798	218,037	185,953	590,788
9	Housing Auth GS	126,895	151,743	131,580	410,218
10	Interruptible Sales	135,288	141,540	120,532	397,360
11					
12	TOTAL	<u>7,058,467</u>	<u>10,929,019</u>	<u>9,653,488</u>	<u>27,640,974</u>
13					
14					

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Meter_Invest Allocator

Line	Classes	Meter Type	Meter Cost	Average Customers	Product (\$000s)	Number X	Weighted Avg Cost
1	Residential Non-Heat	Residential	\$229	32,944	7,536		
2	Residential Heat	Residential	\$229	432,035	98,824		
10	Commercial Non-Heat	C-I	\$1,116	5,407	6,032		
11	Commercial Heat	C-I	\$1,116	19,461	21,711		
12	Industrial Non-Heat	Large C-I	\$1,673	227	379		
13	Industrial Heat	Large C-I	\$1,673	552	924		
14	Municipal Non-Heat	C-I	\$1,116	332	370		
15	Municipal Heat	Large C-I	\$1,673	584	977		
16	Housing Auth GS	Residential	\$229	2,789	638		
17	Interruptible Sales	Interruptible	\$1,442	129	186		
18	GTS / IT Trans	GTS	\$6,675	295	1,969		
19				494,754	139,546		
21	Installed Meters- 2006-2008 Installed Costs Per Meter						
22	Meter Size	Typical Use	Number	Material	Labor	Total	Number X
23	L250- Diaphragm	Residential	4,538	\$62	\$157	\$219	995,410
24	L425- Diaphragm	Residential	150	\$142	\$157	\$299	44,903
25	L630- Diaphragm	Residential	100	\$366	\$183	\$549	54,894
26			4,788				1,095,207
28	L800	Comm / Industrial	44	\$873	\$243	\$1,116	49,089
30	C-I X 150%						
32	1.5M- Rotary	LBS / BPS	65	\$1,018	\$286	\$1,304	84,780
33	2M- Rotary	LBS / BPS	77	\$1,032	\$329	\$1,361	104,793
34	3M- Rotary	LBS / BPS	71	\$1,035	\$329	\$1,364	96,840
35	5M- Rotary	LBS / BPS	87	\$1,054	\$413	\$1,467	127,651
36	7M- Rotary	LBS / BPS	22	\$1,280	\$413	\$1,693	37,252
37	11M- Rotary	LBS / BPS	22	\$1,540	\$491	\$2,031	44,690
38			344				496,005
40	Large Interr X 200%						
42	16M- Rotary	GTS	19	\$2,080	\$491	\$2,571	48,856
43	4" Turbo	GTS	1	\$1,884	\$491	\$2,375	2,375
44	6" Turbo	GTS	6	\$2,351	\$754	\$3,105	18,633
45	8" Turbo	GTS	2	\$3,107	\$754	\$3,861	7,723
46	12" Turbo	GTS	4	\$32,911	\$1,096	\$34,007	136,027
47			32				213,613
							GTS \$6,675
							Large Interr \$2,884
							Residential \$229
							C-I \$1,116
							Large C-I \$1,673
							Interruptible \$1,442
							X-Large Interr \$2,884

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Service_Invest Allocator

Line	Classes	Service	Service Cost	Average Customers	Product (\$000s)
1	Residential Non-Heat	Residential	2,947	32,944	97,086
2	Residential Heat	Residential	2,947	432,035	1,273,208
3	Commercial Non-Heat	Commercial	4,421	5,407	23,902
4	Commercial Heat	Commercial	4,421	19,461	86,025
5	Industrial Non-Heat	Industrial	9,035	227	2,047
6	Industrial Heat	Industrial	9,035	552	4,987
7	Municipal Non-Heat	Commercial	4,421	332	1,468
8	Municipal Heat	Industrial	9,035	584	5,273
9	Housing Auth GS	Residential	2,947	2,789	8,219
10	Interruptible Sales	Large	18,070	129	2,328
11	GTS / IT Trans	Large	18,070	295	5,331
12			<u>494,754</u>		<u>1,509,873</u>
13					

		Average 2005-Recent	2008-09*	Installed For
14				
15	Cost used in COSS for 1.25" and smaller	Residential	2,782	2,947 Residential and PHA-GS
16				
17	Cost used in COSS for 1.25" and larger for Commercial	Commercial	4,173	4,421 Commercial and NonHeat Muni
18	Source:	150% X Cost of 1.25" Residential		
19				
20	Cost used in COSS for 2" and larger	Industrial	9,350	9,035 Industrial, Muni Heat, PHA-PHA, NGV and BPS Small.
21				
22	Cost used in COSS for larger customers	Large	18,700	18,070 BPS Large, BPS A/C, and LBS Small
23	Source:	200% X Cost for 2"		
24				
25	Cost used in COSS for largest customers	Largest	28,050	27,105 LBS Large-Indirect and GTS Transport
26	Source:	300% X Cost for 2"		
27				
28	Cost used in COSS for largest customers	Largest	56,100	54,210 XLarge-Indirect and Co-Gen
29	Source:	600% X Cost for 2"		
30				
31				

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
ACCT908 Allocator

Listed below is a listing of the subaccounts in Account 908, and the allocation base used for each subaccount.
Allocation of the subaccount costs among the rate classes is presented below.

Line	Customer Service & Informational Expenses	Sub-Account	% Total	Dollars (\$000s)	Sub-Allocator	Description	2	3	4	5	6	7	8	9	10
							Residential	Residential	Commercial	Commercial	Industrial	Industrial	Municipal	Municipal	Housing
							Non-Heat	Heat	Non-Heat	Heat	Non-Heat	Heat	Non-Heat	Heat	Auth GS
1	Marketing - Residential Sales	908,102	17.2%	1,033	Cust_Res	Residential Customers, PHA-GS									
2	VP Customer Affairs - Conservation Works Program	908,108	45.4%	2,730	Cust_Res	Residential Customers, PHA-GS									
3	Less: Recovered in USEC		(38.8%)	(2,330)	Cust_Res	Residential Customers, PHA-GS									
4	VP Customer Affairs - LIHEAP Program	908,109	17.6%	1,061	Cust_Res	Residential Customers, PHA-GS									
5	Marketing - Marketing Services	908,110	41.1%	2,472	Cust_xL	Cust Count Except Large									
6	Marketing - Technical Support	908,113	3.1%	187	Cust_Avg	Customer Count- Average									
7	Marketing - Industrial / Major Accounts	908,162	14.0%	843	Cust_Ind	Industrial Customers									
8	Customer Service - Quality Assurance	908XXX	0.2%	14	Cust_Avg	Customer Count- Average									
9	Account Balance		100.0%	6,011											
14	Cust_Avg	201		176			13	176	2	8	0	0	0	0	1
15	Cust_Res	2,494		2,303			176	2,303	0	0	0	0	0	0	15
16	Cust_Ind	843		0			0	0	0	0	178	434	0	0	0
17	Accr908 Allocator	3,538		2,479			189	2,479	2	8	178	434	0	0	16
19	Interruptible Sales														
20	Cust_Avg			0			0	0							
21	Cust_Res			0			0	0							
22	Cust_Ind			0			0	232							
23	Accr908 Allocator			0			0	232							

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Account Aging
Accounts Receivable Aging by Customer Class

Aging as of 06/30/2009 (\$000s)

Line	Classes	Current	30 Days	60 Days	90 Days and Over	Total Over 60	OVER60-D Allocator
1	Residential Non-Heat	30	21	15	98	113	2.1%
2	Residential Heat	1,271	904	652	4,220	4,873	88.7%
3	Commercial Non-Heat	75	32	12	60	72	1.3%
4	Commercial Heat	407	174	65	324	389	7.1%
5	Industrial Non-Heat	18	10	2	13	16	0.3%
6	Industrial Heat	39	20	5	28	33	0.6%
7	Municipal Non-Heat					0	0.0%
8	Municipal Heat					0	0.0%
9	Housing Auth GS					0	0.0%
10	Interruptible Sales					0	0.0%
11	GTS / IT Trans					0	0.0%
###	Total	1,840	1,161	752	4,744	5,496	100.0%

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
Write-Offs
Actual Write-Off Dollars

Line	Classes	WRITE_OFF FY 2008	FY 2008 % Write-Off	WRITE_OFF FY 2007	FY 2007 % Write-Off	WRITE_OFF FY 2006	FY 2006 % Write-Off	WRITE_OFF Allocator
1	Residential Non-Heat	875	2.3%	905	2.2%	1,906	2.2%	2.2%
2	Residential Heat	37,673	97.6%	38,953	96.4%	82,008	95.3%	96.4%
3	Commercial Non-Heat	11	0.0%	77	0.2%	309	0.4%	0.2%
4	Commercial Heat	57	0.1%	418	1.0%	1,668	1.9%	1.0%
5	Industrial Non-Heat	0	0.0%	21	0.1%	51	0.1%	0.0%
6	Industrial Heat	0	0.0%	44	0.1%	109	0.1%	0.1%
7	Municipal Non-Heat		0.0%		0.0%		0.0%	0.0%
8	Municipal Heat		0.0%		0.0%		0.0%	0.0%
9	Housing Auth GS		0.0%		0.0%		0.0%	0.0%
10	Interruptible Sales		0.0%		0.0%		0.0%	0.0%
11	GTS / IT Trans		0.0%		0.0%		0.0%	0.0%
###	Total	38,616	100.0%	40,418	100.0%	86,051	100.0%	100.0%

Philadelphia Gas Works
Class Cost of Service Study - FY 2009-10
GTS-DIR-MAINS, GTS-DIR-EXP, GTS-DIR-ACCDEP

Line	Allocator Name	TOTAL (\$000s)
1		
2	GTS-Dir-Mains	
3	<u>Directly Assigned Cost of Mains:</u>	
4	Customer #1	7,292
5	Customer #2	1,654
6	Customer #3	128
7	Original Cost	9,074
8	Contribution received	(1,500)
9		<u>7,574</u>
10	The cost of Mains installed for individual customers is directly assigned.	
11		
12	GTS-Dir-DeprExp	
13	Depreciation expense, 10 year contract	
14	Depreciation expense, 45 years average	
15		<u>0</u>
16		
17	Depreciation expense for these Mains is adjusted to account for the 10-year contracts with the customers.	
18	Depreciation life usually used for Mains is approximately 45-years.	
19		
20		
21	GTS-Dir-AccDep	
22	Annual difference in Depreciation expense	7,574
23	Number of years- 10 (through FYE 2009)	<u>7,574</u>
24		

Philadelphia Gas Works
Allocated Class COS Study - 2009
Future Test Year Ended August 31, 2010 (\$000s)

Development of Company's Proposed Delivery Charges

	Tentative Revenue Allocation	Customer Charge Revenue	USEC / REC	Distribution Charge Revenue	Annual Sales (mcf)	Proposed Delivery Charge Rate (\$ / mcf)
1 Residential:						
2 Residential Non-Heat	11,261	4,464	1,382		658,616	
3 Residential Non-Heat-Senior		280	72		34,450	
4 Residential Heat	430,058	57,644	75,809		36,122,041	
5 Residential Heat-Senior		4,569	6,351		3,025,947	
6 Residential Non-Heat FT		0	0		0	
7 Residential Heat FT		0	0		0	
8	441,319	66,957	83,614	290,747	39,841,054	\$7.2977
9						
10 PHA:						
11 PHA/GS (a)	1,748	272	426		202,798	
12 PHA/GS- Senior (a)	58	10	14		6,626	
13	1,806	282	440	1,084	209,424	\$5.1784
14						
15 Commercial:						
16 Commercial Non-Heat	12,757	1,085	2,759		1,314,572	
17 Commercial Heat		3,946	15,179		7,232,733	
18 Commercial Non-Heat FT	67,125	83	662		315,313	
19 Commercial Heat FT		257	3,340		1,591,524	
20	79,882	5,371	21,940	52,571	10,454,142	\$5.0287
21						
22 Industrial:						
23 Industrial Non-Heat	2,395	123	452		215,345	
24 Industrial Heat		306	955		454,809	
25 Industrial Non-Heat FT	6,493	13	107		50,869	
26 Industrial Heat FT		25	563		268,130	
27	8,888	467	2,076	6,345	989,153	\$6.4144
28						
29 Municipal:						
30 Municipal Non-Heat	1,572	25	307		146,486	
31 Municipal Heat		88	1,200		571,935	
32 Municipal Non-Heat FT	5,805	47	260		123,866	
33 Municipal Heat FT		38	955		455,256	
34	7,377	198	2,723	4,456	1,297,543	\$3.4344
35						
36 PHA Rate 8 (a)	4,453	180	1,246	3,027	593,669	\$5.0990
37						
38 Totals	543,724	73,455	112,039	358,230	53,985	
39 (a) Actual revenue at current rates						

Philadelphia Gas Works
Allocated Class COS Study - 2009

Revenue at Company's Proposed Rates
Rate Year 2010

	Company's Proposed Rate			Amounts in \$000s							
	No. of Customers	No. of Annual Bills	Annual Sales (mcf)	Cust. Charge	Delivery Charge	Cust. Revenue	GCR Revenue	USEC/RE C Revenue	Delivery Revenue	Total Full Tariff Rev.	
1 Non-Heating:											
2 Residential	31,002	372,021	658,616	\$12.00	\$7.2977	\$12.00	4,464	4,809	1,382	4,806	15,461
3 Residential-Senior	1,942	23,306	34,450	\$12.00	\$7.2977	\$12.00	280	252	72	251	855
4 Commercial	5,025	60,300	1,314,572	\$18.00	\$5.0287	\$18.00	1,085	9,598	2,759	6,611	20,053
5 Industrial	206	2,467	215,345	\$50.00	\$6.4144	\$50.00	123	1,572	452	1,381	3,529
6 Municipal/MS	114	1,368	146,486	\$18.00	\$3.4344	\$18.00	25	1,070	307	503	1,905
7 Total Non-Heat Firm	38,289	459,462	2,369,469				5,977	17,300	4,973	13,553	41,803
9 Heating:											
10 Residential	400,307	4,803,683	36,122,041	\$12.00	\$7.2977	\$12.00	57,644	263,731	75,809	263,608	660,792
11 Residential-Senior	31,728	380,740	3,025,947	\$12.00	\$7.2977	\$12.00	4,569	22,093	6,351	22,082	55,095
12 Commercial	18,271	219,246	7,232,733	\$18.00	\$5.0287	\$18.00	3,946	52,807	15,179	36,371	108,304
13 Industrial	510	6,120	454,809	\$50.00	\$6.4144	\$50.00	306	3,321	955	2,917	7,498
14 Municipal/MS	408	4,891	571,935	\$18.00	\$3.4344	\$18.00	88	4,176	1,200	1,964	7,428
15 PHA Rate 8	833	9,993	593,669	\$18.00	\$5.0990	\$18.00	180	4,334	1,246	3,027	8,787
16 PHA/GS- Senior	1,889	22,672	202,798	\$12.00	\$5.1784	\$12.00	272	1,481	426	1,050	3,228
17 PHA/GS- Senior	67	804	6,626	\$12.00	\$5.1784	\$12.00	9,648	48	14	34	106
18 Total Heat Firm	454,012	5,448,149	48,210,558				67,015	351,990	101,179	331,055	851,239
19 Total Firm Sales	492,301	5,907,611	50,580,027				72,992	369,290	106,152	344,607	893,042
21 Firm Transport											
22 Non-Heating:											
23 Residential	0	0	0	\$12.00	\$7.2977	\$12.00	0	0	0	0	0
24 Commercial	382	4,584	315,313	\$18.00	\$5.0287	\$18.00	83	662	662	1,586	2,330
25 Industrial	21	252	50,869	\$50.00	\$6.4144	\$50.00	13	107	107	326	446
26 Municipal/MS	218	2,616	123,866	\$18.00	\$3.4344	\$18.00	47	260	260	425	732
27 Total Non Heat FT	621	7,452	490,048				142	1,028	1,028	2,337	3,508
29 Heating:											
30 Residential	0	0	0	\$12.00	\$7.2977	\$12.00	0	0	0	0	0
31 Commercial	1,190	14,280	1,591,524	\$18.00	\$5.0287	\$18.00	257	3,340	3,340	8,003	11,600
32 Industrial	42	504	268,130	\$50.00	\$6.4144	\$50.00	25	563	563	1,720	2,308
33 Municipal/MS	176	2,112	455,256	\$18.00	\$3.4344	\$18.00	38	955	955	1,564	2,557
34 Total Heat FT	1,408	16,896	2,314,910				320	4,858	4,858	11,287	16,465
35 Total FT	2,029	24,348	2,804,958				462	5,887	5,887	13,624	19,973
37 Interruptible:											
38 Total PGW	129	1,546	770,488				94	7,920	7,920	8,013	9,844
39 GTS / IT Revenue	494,459	5,933,505	54,155,473				73,549	369,290	112,039	366,151	921,029
40											9,844
41 Proposed Tariff Revenue at Full Tariff Rates											921,029
42 Less GCR Revenue											230,872
43 Distribution Tariff Revenue at Proposed Rates											369,290
44											561,583
45											42,504
46											519,080
											42,502

Target
Current Rates
Actual Increase

Philadelphia Gas Works
Allocated Class COS Study - 2009
Summary of Company's Proposed Revenue Allocation and Rate Design- Firm Sales and Firm Transportation:

Line	Rate Class	2009 Rate Case Proposed Increase (Decrease)		Docket R-00061931 Compliance Filing (2006)		Variable Charge- Delivery Rate per mcf	
		Distribution Revenue Increase (Decrease)	Return on Rate Base Return	Return on Rate Base Return	2009 Rate Case Proposed)	2008 Extraordinary Rate Case Compliance Filing	Docket R- 00061931 Compliance Filing (2006)
1	Average	7.9%	9.5%	1.00			
2							
3	Residential	10.7%	8.8%	0.93	7.8%	0.91	\$ 7.2977 \$ 6.1840 \$ 4.9894
4							
5	Commercial	(2.8%)	12.2%	1.28	11.5%	1.34	\$ 5.0287 \$ 5.2449 \$ 4.3711
6							
7	Industrial	14.8%	9.8%	1.03	12.9%	1.50	\$ 6.4144 \$ 5.2465 \$ 4.3684
8							
9	Municipal	(6.4%)	11.1%	1.17	10.1%	1.17	\$ 3.4344 \$ 3.8178 \$ 3.2525
10							
11	PGA Total	(1.2%)	14.0%	1.46	14.2%	1.66	
12	PHA Rate 8						\$ 5.0990 \$ 5.1889 \$ 4.3607
13	PHA GS						\$ 5.1784 \$ 5.2817 \$ 4.2779

