

PECO Energy Company
Gas Class Cost of Service Study
For Fully Projected Future Test Year Ended June 30, 2022 (\$000'S)

SCH	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL GAS DIVISION	RESID	GC	LARGE	MOTOR VEHICLE FIRM	MOTOR VEHICLE INTER	INTER SERV	TEMP CONTROL	TRANSP SERV FIRM	TRANSP SERV INTER
		(a)	(b)	(c)	(a)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	1	SUMMARY AT PRESENT RATES											
S	2												
S	3	DEVELOPMENT OF RETURN EXCLUDING PURCHASED GAS											
S	4	OPERATING REVENUE											
S	5	Sales of Gas Revenue - Base	SCH RBC, LN 54	361,541	233,489	100,579	75	475	5	0	690	16,719	9,509
S	6	Other Operating Revenue	SCH RBC, LN 64	1,528	1,105	331	1	1	0	0	1	58	30
S	7	TOTAL OPERATING REVENUE		363,069	234,594	100,910	76	476	5	0	691	16,777	9,539
S	8												
S	9	OPERATING EXPENSES											
S	10	Operation and Maintenance Expense Excl Pur Gas	SCH E, LN 99	144,391	105,970	30,389	104	110	1	9	61	5,274	2,473
S	11	Depreciation and Amortization Expense	SCH D, LN 42	88,958	61,121	21,396	69	83	0	7	47	3,981	2,255
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 10	7,545	5,285	1,761	6	6	0	1	3	329	154
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 18	0	0	0	0	0	0	0	0	0	0
S	14	Income Taxes	SCH TI, LN 61	18,770	17,311	922	59	(21)	(1)	7	(101)	590	4
S	15	TOTAL OPERATING EXPENSES		222,125	155,065	52,623	119	221	2	10	213	8,994	4,878
S	16												
S	17	OPERATING INCOME (RETURN)		140,945	79,529	48,287	(43)	255	3	(10)	479	7,784	4,661
S	18												
S	19	DEVELOPMENT OF RATE BASE EXCL PURCHASED GAS											
S	20	Gas Plant in Service	SCH RBP, LN 65	3,537,670	2,414,898	870,101	3,012	2,978	16	251	1,656	165,938	78,820
S	21	Less: Accumulated Depreciation	SCH RBD, LN 37	893,447	615,410	220,270	709	754	5	57	456	34,989	20,797
S	22	Plus: Rate Base Additions Excl Purchased Gas	SCH RBO, LN 13	167,673	118,987	39,680	117	115	1	10	58	5,790	2,915
S	23	Less: Rate Base Deductions	SCH RBO, LN 26	353,635	233,740	93,976	303	303	2	25	174	17,008	8,105
S	24	TOTAL RATE BASE EXCL PURCHASED GAS	SCH RBO, LN 29	2,458,261	1,684,736	595,534	2,118	2,037	10	178	1,083	119,731	52,833
S	25												
S	26	RATE OF RETURN EXCL PURCHASED GAS (PRESENT)		5.73%	4.72%	8.11%	-2.04%	12.52%	32.06%	-5.58%	44.19%	6.50%	8.82%
S	27	INDEX RATE OF RETURN EXCL PURCHASED GAS (PRESENT)		1.00	0.82	1.41	-0.36	2.18	5.59	-0.97	7.71	1.13	1.54
S	28												
S	29												
S	30	DEVELOPMENT OF PURCHASED GAS RETURN											
S	31	Purchased Gas Revenues (PGC)	SCH RBC, LN 55	201,635	150,889	49,024	70	892	9	0	750	0	0
S	32	Other Sales of Gas Revenue (BSC)	SCH RBC, LN 56	25,075	16,192	8,643	6	164	2	0	69	0	0
S	33	Purchased Gas O&M Expense	SCH E, LN 98	226,710	167,079	57,668	77	1,056	11	0	819	0	0
S	34	Purchased Gas Income Taxes (Fed & State PP)		14	10	4	0	0	0	0	0	0	0
S	35	PURCHASED GAS OPERATING INCOME (RETURN)		14	12	2	0	0	0	0	0	0	0
S	36	RATE BASE - PURCHASED GAS CASH WORKING CAPITAL		3,679	2,753	894	1	16	0	0	14	0	0
S	37	PURCHASED GAS RATE OF RETURN (PRESENT)		0.39%	0.43%	0.25%	0.48%	0.24%	0.24%	0.00%	0.47%	0.00%	0.00%
S	38												
S	39												
S	40	TOTAL RATE CASE (DISTRIBUTION PLUS PURCHASED GAS)											
S	41	Total Distribution Sales Revenue at Current Rates		588,251	400,569	158,245	152	1,531	16	0	1,509	16,719	9,509
S	42	Total Distribution Operating Revenues		589,779	401,675	158,577	153	1,532	16	0	1,510	16,777	9,539
S	43	Total Distribution Operating Expenses Excl Federal & State Taxes		467,605	339,455	111,214	256	1,256	12	17	930	9,583	4,882
S	44	Plus: Total Federal & State Taxes		18,784	17,321	926	59	(21)	(1)	7	(101)	590	4
S	45	Total Operating Income (Return)		140,959	79,541	48,289	(43)	255	3	(10)	479	7,784	4,661
S	46	Total Rate Base		2,461,939	1,687,489	596,429	2,119	2,053	11	178	1,097	119,731	52,833
S	47												
S	48	COMPOSITE RATE OF RETURN (PRESENT)		5.73%	4.71%	8.10%	-2.04%	12.43%	31.53%	-5.58%	43.64%	6.50%	8.82%
S	49	COMPOSITE INDEX RATE OF RETURN (PRESENT)		1.00	0.82	1.41	-0.36	2.17	5.51	-0.98	7.62	1.14	1.54
S	50												

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SCH	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL GAS DIVISION	RESID	GC	LARGE	MOTOR VEHICLE FIRM	MOTOR VEHICLE INTER	INTER SERV	TEMP CONTROL	TRANSP SERV FIRM	TRANSP SERV INTER
		(a)	(b)	(c)	(a)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	51	EQUALIZED RETURN AT PROPOSED ROR OF 7.70%											
S	52												
S	53	DEVELOPMENT OF RETURN EXCL PURCHASED GAS (EQUALIZED RATE)											
S	54												
S	55	Rate Base Excluding Purchased Gas	SCH S, LN 24	2,458,261	1,684,736	595,534	2,118	2,037	10	178	1,083	119,731	52,833
S	56	Change in Operating Income (Rate Base * 1.97%)	1.97%	48,538	33,265	11,759	42	40	0	4	21	2,364	1,043
S	57												
S	58	OPERATING REVENUES											
S	59	Change in Revenue (Change in Return * 1.414)		68,621	47,028	16,624	59	57	0	5	30	3,342	1,475
S	60	Distribution Base Rate Revenue (Present Rates)	SCH S, LN 5	361,541	233,489	100,579	75	475	5	0	690	16,719	9,509
S	61	Total Dist Base Rate Revenue (Proposed Rate)	CALCULATED	430,162	280,517	117,203	135	531	5	5	720	20,061	10,984
S	62												
S	63	Forfeited Discounts Revenues	REV_487	88	67	17	0	0	0	0	0	3	1
S	64	Other Operating Revenue (Present Rates)	SCH S, LN 6	1,528	1,105	331	1	1	0	0	1	58	30
S	65	TOTAL OPERATING REVENUES		431,779	281,690	117,551	135	533	5	5	722	20,122	11,016
S	66												
S	67	OPERATING EXPENSES											
S	68	Operation and Maintenance Expense Excl Pur Gas	SCH S, LN 10	144,391	105,970	30,389	104	110	1	9	61	5,274	2,473
S	69	Depreciation and Amortization Expense	SCH S, LN 11	88,958	61,121	21,396	69	83	0	7	47	3,981	2,255
S	70	Additional Bad Debt Expense	CALCULATED	238	163	58	0	0	0	0	0	12	5
S	71	Additional PUC / OTS & SBA Fee Expense	CALCULATED	211	145	51	0	0	0	0	0	10	5
S	72	Taxes Other Than Income Taxes-General	SCH S, LN 12	7,545	5,285	1,761	6	6	0	1	3	329	154
S	73	Taxes Other Than Income Taxes-Distribution GRT	SCH S, LN 13	0	0	0	0	0	0	0	0	0	0
S	74	TOTAL OPERATING EXPENSES BEFORE TAXES		241,344	172,684	53,654	179	200	1	17	112	9,605	4,892
S	75	State and Federal Income Taxes @ Effective Tax Rate	SCH S, LN 14	18,770	17,311	922	59	(21)	(1)	7	(101)	590	4
S	76	State and Federal Income Taxes @ Statutory Rates	CALCULATED	(19,722)	(13,518)	(4,777)	(17)	(16)	(0)	(1)	(9)	(960)	(424)
S	77	TOTAL OPERATING EXPENSES		240,393	176,477	49,800	222	163	0	22	2	9,235	4,471
S	78												
S	79	NET OPERATING INCOME EXCL PURCHASED GAS		191,386	105,212	67,751	(86)	369	5	(17)	720	10,887	6,544
S	80												
S	81	BASE RATE SALES EXCL PUR GAS @ EQUALIZED ROR 7.70%		430,162	280,517	117,203	135	531	5	5	720	20,061	10,984
S	82												
S	83	TOTAL REVENUE EXCL PUR GAS INCREASE/DECREASE		68,709	47,095	16,641	59	57	0	5	30	3,345	1,476
S	84	REVENUE INCREASE TO RETAIL EXCL PUR GAS REVENUES (%)		19.00%	20.17%	16.55%	78.32%	12.00%	5.76%	0.00%	4.40%	20.01%	15.52%
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		(a)	(b)	(c)	(a)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	101	EQUALIZED RETURN AT PROPOSED ROR OF 7.70%											
S	102												
S	103	DEVELOPMENT OF PURCHASED GAS RETURN (EQUALIZED RATE)											
S	104												
S	105	Rate Base for Purchased Gas	SCH S, LN 36	3,679	2,753	894	1	16	0	0	14	0	0
S	106	Change in Operating Income (Rate Base * 1.97%)		73	54	18	0	0	0	0	0	0	0
S	107												
S	108	OPERATING REVENUES											
S	109	Change in Revenue (Change in Return * 1.414)		103	77	25	0	0	0	0	0	0	0
S	110	Distribution Base Rate Revenue (Present Rates)	CALCULATED	226,710	167,080	57,667	77	1,056	11	0	819	0	0
S	111	Total Dist Base Rate Revenue (Proposed Rate)	CALCULATED	226,813	167,157	57,692	77	1,056	11	0	819	0	0
S	112												
S	113	OPERATING EXPENSES											
S	114	Purchased Gas O&M Expense	SCH S, LN 33	226,710	167,079	57,668	77	1,056	11	0	819	0	0
S	115	Additional Bad Debt Expense	CALCULATED	0	0	0	0	0	0	0	0	0	0
S	116	Additional PUC / OTS & SBA Fee Expense	CALCULATED	0	0	0	0	0	0	0	0	0	0
S	117	TOTAL OPERATING EXPENSES BEFORE TAXES		226,710	167,079	57,668	77	1,056	11	0	819	0	0
S	118	State and Federal Inc Taxes @ Effective Tax Rate	SCH S, LN 34	14	10	4	0	0	0	0	0	0	0
S	119	State and Federal Income Taxes @ Statutory Rates	CALCULATED	(46)	(35)	(10)	(0)	(0)	(0)	0	(0)	(1)	(0)
S	120	TOTAL OPERATING EXPENSES		226,678	167,055	57,662	77	1,056	11	0	819	(1)	(0)
S	121												
S	122	NET OPERATING INCOME FOR PURCHASED GAS		134	103	30	0	0	0	0	0	1	0
S	123												
S	124	EQUALS TOTAL PURCHASED GAS COST OF SERVICE @ ROR		226,813	167,157	57,692	77	1,056	11	0	819	0	0
S	125												
S	126	TOTAL SALES PURCH GAS INCREASE/DECREASE		103	77	25	0	0	0	0	0	0	0
S	127	SALES REVENUE INCREASE TO OURCHASED GAS REVENUES (%)		0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.00%	0.05%	0.00%	0.00%
S	128												
S	129												
S	130												
S	131												
S	132	TOTAL RATE CASE (DISTRIBUTION PLUS PURCHASED GAS)											
S	133	TOTAL COMPOSITE BASE RATE SALES REVENUE REQUIREMENT		656,974	447,674	174,894	211	1,588	16	5	1,539	20,061	10,984
S	134	TOTAL INCREASE (DECREASE) BASE SALES REQUIRED		68,723	47,105	16,649	59	57	0	5	31	3,342	1,475
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