

PECO Energy Company
Electric Class Cost of Service Study (\$000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
S	1	SUMMARY AT PRESENT RATES										
S	2	DEVELOPMENT OF DISTRIBUTION RETURN										
S	3	OPERATING REVENUE										
S	4	Sales of Electricity - Base	SCH RBC, LN 54	1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483	
S	5	Decommissioning Revenues	SCH RBC, LN 55	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)	
S	6	Other Operating Revenue	SCH RBC, LN 65	52,337	31,344	6,511	8,264	252	5,139	228	598	
S	7	TOTAL OPERATING REVENUE		1,420,478	808,340	160,264	250,318	7,911	161,296	8,286	24,063	
S	8											
S	9	OPERATING EXPENSES										
S	10	Operation and Maintenance Expense	SCH E, LN 92	704,927	432,822	81,845	106,150	3,624	69,105	3,039	8,343	
S	11	Depreciation and Amortization Expense	SCH D, LN 28	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474	
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 11	25,274	14,192	2,774	4,187	148	3,538	166	269	
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 35	79,403	44,769	8,835	14,229	452	9,254	479	1,385	
S	14	Income Taxes	SCH TI, LN 49	17,276	2,102	1,749	6,891	203	4,379	461	1,492	
S	15	TOTAL OPERATING EXPENSES		1,099,718	650,326	125,257	180,696	5,859	116,102	5,517	15,962	
S	16	OPERATING INCOME (RETURN)		320,759	158,013	35,007	69,622	2,052	45,194	2,769	8,101	
S	17											
S	18	DEVELOPMENT OF RATE BASE										
S	19	Electric Plant in Service	SCH RBP, LN 66	8,915,180	4,867,941	978,335	1,711,314	49,371	1,106,170	52,699	149,350	
S	20	Less: Accumulated Depreciation	SCH RBD, LN 25	2,251,728	1,225,781	240,864	435,106	11,769	278,081	13,026	47,102	
S	21	Plus: Rate Base Additions	SCH RBO, LN 30	565,741	336,602	62,939	91,128	3,010	63,465	2,413	6,185	
S	22	Less: Rate Base Deductions	SCH RBO, LN 27	877,416	460,121	94,180	189,153	4,742	109,422	5,062	14,735	
S	23	TOTAL DISTRIBUTION RATE BASE	SCH RBO, LN 34	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698	
S	24											
S	25	DISTRIBUTION RATE OF RETURN (PRESENT)		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%	
S	26	DISTRIBUTION INDEX RATE OF RETURN (PRESENT)		1.00	0.89	0.98	1.17	1.13	1.14	1.48	1.71	
S	27											
S	28	DEVELOPMENT OF PURCHASED POWER RETURN										
S	29	Purchased Electric Revenues	SCH RBC, LN 57	741,120	463,184	119,806	110,388	1,092	46,087	0	564	
S	30	Purchased Power O&M Expense	SCH E, LN 41	689,927	431,189	111,530	102,763	1,016	42,904	0	525	
S	31	Purchased Power GRT Expense	SCH TO, LN 21	43,726	27,328	7,069	6,513	64	2,719	0	33	
S	32	Purchased Power Income Taxes		2,029	1,268	328	302	3	126	0	2	
S	33	Purchased Power Operating Income		5,438	3,399	879	810	8	338	0	4	
S	34	Rate Base - Purchased Pwr Cash Working Capital	SCH RBC, LN 33	24,301	15,187	3,928	3,620	36	1,511	0	18	
S	35	PURCHASED POWER RATE OF RETURN (PRESENT)		22.38%	22.38%	22.38%	22.38%	22.38%	22.38%	0.00%	22.38%	
S	36											
S	37	DEVELOPMENT OF TRANSMISSION RETURN										
S	38	Transmission Revenues	SCH RBC, LN 56	172,082	80,528	20,539	37,127	866	31,408	1,543	71	
S	39	Transmission O&M Expense	SCH E, LN 42	161,192	75,432	19,239	34,777	811	29,420	1,445	66	
S	40	Transmission GRT Expense	SCH TO, LN 28	10,153	4,751	1,212	2,190	51	1,853	91	4	
S	41	Transmission Income Taxes		161	75	22	37	1	26	1	0	
S	42	Transmission Operating Income		576	271	66	123	3	108	5	0	
S	43	Rate Base - Transmission Cash Working Capital	SCH RBO, LN 33	9,820	4,745	691	1,788	74	2,407	108	7	
S	44	TRANSMISSION RATE OF RETURN (PRESENT)		5.87%	5.70%	9.59%	6.86%	4.11%	4.51%	4.88%	3.61%	
S	45											
S	46	TOTAL OPERATING INCOME (RETURN)		326,774	161,683	35,953	70,555	2,063	45,640	2,775	8,105	
S	47	TOTAL RATE BASE		6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724	
S	48	COMPOSITE RATE OF RETURN @ CURRENT RATES		5.12%	4.57%	5.06%	5.96%	5.73%	5.81%	7.47%	8.65%	
S	49											
S	50											

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	51	EQUALIZED RETURN AT PROPOSED ROR OF 7.68%									
S	52	DEVELOPMENT OF DISTRIBUTION RETURN (EQUALIZED RATE)									
S	53	RATE BASE	SCH S, LN 23	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
S	54	RETURN (RATE BASE * 7.68% ROR)		487,816	270,232	54,238	90,484	2,755	60,068	2,843	7,196
S	55	PLUS:									
S	56	OPERATING EXPENSES									
S	57	Operation and Maintenance Expense	CALCULATED	707,161	434,325	82,100	106,427	3,633	69,306	3,040	8,330
S	58	Depreciation and Amortization Expense	SCH S, LN 11	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	59	Taxes Other Than Income Taxes-General	SCH S, LN 12	25,274	14,192	2,774	4,187	148	3,538	166	269
S	60	Taxes Other Than Income Taxes-Distribution GRT	CALCULATED	94,215	54,720	10,540	16,079	514	10,573	486	1,305
S	61	State and Federal Income Taxes	CALCULATED	85,154	47,698	9,563	15,368	488	10,423	491	1,124
S	62	TOTAL OPERATING EXPENSES		1,184,643	707,375	135,031	191,300	6,216	123,665	5,554	15,501
S	63										
S	64	EQUALS TOTAL COST OF SERVICE		1,672,459	977,607	189,269	281,784	8,971	183,733	8,398	22,697
S	65	LESS:									
S	66	Decommissioning Revenues	SCH S, LN 5	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	67	Other Operating Revenue	CALCULATED	53,260	31,965	6,616	8,379	256	5,222	229	593
S	68	EQUALS:									
S	69	DISTRIBUTION BASE RATE SALES @ EQUALIZED ROR 7.68%		1,623,059	946,776	182,941	274,231	8,750	180,008	8,229	22,123
S	70	Distribution Cost Increase without Forfeited Discount		251,059	168,646	28,900	31,352	1,056	22,354	111	(1,360)
S	71	TOTAL COST OF SERVICE DISTRIBUTION INCREASE/DECREASE		251,982	169,267	29,005	31,467	1,060	22,437	112	(1,365)
S	72	REVENUE INCREASE TO DISTRIBUTION REVENUES W/O FORFEITED DISCOUNT(%)		18.30%	21.67%	18.76%	12.91%	13.72%	14.18%	1.37%	-5.79%
S	73			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	74	DEVELOPMENT OF PURCH. POWER RETURN (EQUALIZED RATE)									
S	75	RATE BASE (CWC)	SCH S, LN 34	24,301	15,187	3,928	3,620	36	1,511	0	18
S	76	RETURN (RATE BASE * 7.68% ROR)		1,866	1,166	302	278	3	116	0	1
S	77	PLUS:									
S	78	OPERATING EXPENSES									
S	79	Purchased Power O&M Expense	SCH S, LN 30	689,927	431,189	111,530	102,763	1,016	42,904	0	525
S	80	Purchased Power Income Taxes	CALCULATED	578	361	93	86	1	36	0	0
S	81	Purchased Power GRT Expense	CALCULATED	43,411	27,131	7,018	6,466	64	2,700	0	33
S	82	EQUALS TOTAL PURCHASED POWER COST OF SERVICE		735,782	459,847	118,943	109,593	1,084	45,755	0	560
S	83	TOTAL COST OF SERVICE PURCH.POWER INCREASE/DECREASE		(5,338)	(3,336)	(863)	(795)	(8)	(332)	0	(4)
S	84	REVENUE INCREASE TO DISTRIBUTION REVENUES (%)		-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	0.00%	-0.72%
S	85			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	0.00%	7.68%
S	86	DEVELOPMENT OF TRANSMISSION RETURN (EQUALIZED RATE)									
S	87	RATE BASE (CWC)	SCH S, LN 43	9,820	4,745	691	1,788	74	2,407	108	7
S	88	RETURN (RATE BASE * 7.68% ROR)		754	364	53	137	6	185	8	1
S	89	PLUS:									
S	90	OPERATING EXPENSES									
S	91	Transmission O&M Expense	SCH S, LN 39	161,192	75,432	19,239	34,777	811	29,420	1,445	66
S	92	Transmission Income Taxes	CALCULATED	233	113	16	43	2	57	3	0
S	93	Transmission GRT Expense	CALCULATED	10,169	4,759	1,211	2,192	51	1,860	91	4
S	94	EQUALS TOTAL TRANSMISSION COST OF SERVICE		172,348	80,669	20,519	37,149	870	31,522	1,547	71
S	95	TOTAL COST OF SERVICE TRANSMISSION INCREASE/DECREASE		266	140	(20)	22	4	114	5	0
S	96	REVENUE INCREASE TO RETAIL DISTRIBUTION REVENUES (%)		0.15%	0.17%	-0.10%	0.06%	0.45%	0.36%	0.29%	0.60%
S	97			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	98	TOTAL INCREASE (DECREASE) REQUIRED		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	99										
S	100										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	101	EQUALIZED RETURN AT PROPOSED ROR OF 7.68%									
S	102	DEVELOPMENT OF OVERALL RETURN (EQUALIZED RATE)									
S	103	RATE BASE	CALCULATED	6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
S	104	RETURN (RATE BASE * 7.68% ROR)		490,437	271,762	54,593	90,900	2,763	60,369	2,852	7,198
S	105	PLUS:									
S	106	OPERATING EXPENSES									
S	107	Operation and Maintenance Expense	CALCULATED	1,558,280	940,945	212,869	243,967	5,461	141,630	4,485	8,921
S	108	Depreciation and Amortization Expense	SCH S, LN 58	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	109	Taxes Other Than Income Taxes-General	SCH S, LN 59	25,274	14,192	2,774	4,187	148	3,538	166	269
S	110	Taxes Other Than Income Taxes-GRT	CALCULATED	147,795	86,610	18,768	24,736	630	15,132	577	1,342
S	111	State and Federal Income Taxes	CALCULATED	85,965	48,171	9,673	15,496	491	10,516	493	1,125
S	112	TOTAL OPERATING EXPENSES		2,090,152	1,246,360	274,138	337,627	8,162	200,642	7,093	16,130
S	113										
S	114	EQUALS TOTAL COST OF SERVICE		2,580,589	1,518,122	328,732	428,526	10,925	261,010	9,945	23,328
S	115	LESS:									
S	116	Decommissioning Revenues	SCH S, LN 66	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	117	Other Operating Revenue	SCH S, LN 67	53,260	31,965	6,616	8,379	256	5,222	229	593
S	118	EQUALS:									
S	119	OVERALL BASE RATES @ EQUALIZED ROR 7.68%		2,531,188	1,487,292	322,404	420,973	10,704	257,285	9,777	22,753
S	120	COST OF SERVICE OVERALL INCREASE/DECREASE W/O FORFEITED DISCOUNT		245,985	165,450	28,017	30,579	1,052	22,137	116	(1,364)
S	121	TOTAL COST OF SERVICE OVERALL INCREASE/DECREASE		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	122			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	123										
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