

**Estimated Annual Depreciation Accruals Related to
Utility Plant in Service for 2021**

Summary –

This exhibit is based on the results of the 2018 Depreciation Study and updated to reflect the estimated original cost of PECO's gas and common plant in service at June 30, 2021.

Estimated Annual Depreciation Accruals Related to Utility Plant In Service for 2021

Utility Account	2018 Service Life Study - Average Service Life	2018 Service Life Study - Dispersion Curve	2021 Depreciation Rate	Original Cost of Gross Plant - July 1, 2020	2021 Estimated Plant Additions	2021 Estimated Plant Retirements	Estimated Original Cost of Gross Plant - June 30, 2021	Accumulated Book Reserve - July 1, 2020	2021 Estimated Annual Depreciation Accrual	2021 Estimated Plant Retirements	2021 - Estimated Cost of (Removal) / Salvage	Estimated Accumulated Book Reserve - June 30, 2021	Estimated Depreciable Plant Net Book Value - June 30, 2021
PECO Gas 303 Intangible Plant (Note A)	-	-	-	18,009,687	784,396	(307,425)	18,486,658	13,843,602	1,797,947	(307,425)	-	15,334,124	3,152,534
PECO Gas 305 Structures & Improvements (Note B)	2035	-	-	1,225,273	-	(9,860)	1,215,413	770,626	28,194	(9,860)	(3,161)	785,799	429,614
PECO Gas 311 Liquefied Pet. Gas Equipment (Note B)	2035	-	-	14,333,838	-	-	14,333,838	12,234,781	93,988	-	-	12,328,769	2,005,069
PECO Gas 361 Structures & Improvements (Note B)	2042	-	-	14,854,045	59,413	(30,445)	14,883,013	6,623,052	374,947	(30,445)	(10,752)	6,956,802	7,926,211
PECO Gas 362 Gas Holders (Note B)	2042	-	-	7,083,540	-	-	7,083,540	6,863,006	18,378	-	-	6,881,384	202,156
PECO Gas 363 Purification Equipment (Note B)	2042	-	-	1,329,879	-	-	1,329,879	782,996	24,884	-	-	807,880	521,999
PECO Gas 3631 Liquefaction Equipment (Note B)	2042	-	-	9,958,190	-	-	9,958,190	6,525,634	156,025	-	-	6,681,659	3,276,531
PECO Gas 3632 Vaporizing Equipment (Note B)	2042	-	-	13,555,354	5,179,973	(688,369)	18,046,958	2,273,103	571,882	(688,369)	(88,620)	2,067,996	15,978,962
PECO Gas 3633 Compressor Equipment (Note B)	2042	-	-	4,880,269	821,900	(374,969)	5,327,200	782,881	193,484	(374,969)	(103,268)	498,128	4,829,072
PECO Gas 3634 Measuring & Regulating Equipment (Note B)	2042	-	-	1,655,481	148,914	(16,214)	1,788,181	1,002,872	31,521	(16,214)	(2,054)	1,016,125	772,056
PECO Gas 3635 Other Equipment (Note B)	2042	-	-	7,914,921	160,630	(6,683)	8,068,868	5,960,787	89,775	(6,683)	1,379	6,045,258	2,023,610
PECO Gas 375 Structures & Improvements	50	R4	3.55%	14,337,318	686,730	(18,409)	15,005,639	5,423,169	318,740	(18,409)	(8,981)	5,714,519	9,291,120
PECO Gas 3761 Steel Mains	70	R3	2.09%	578,898,095	83,726,801	(3,331,476)	659,293,420	187,090,627	8,659,996	(3,331,476)	(2,404,695)	190,014,452	469,278,968
PECO Gas 3762 Cast Iron Mains (Note B)	2035	-	-	13,550,211	-	(964,897)	12,585,314	(440,416)	904,661	(964,897)	(2,447,594)	(2,948,246)	15,533,560
PECO Gas 3763 Plastic Mains	65	R3	1.85%	879,951,315	64,406,169	(1,921,642)	942,435,842	149,700,500	14,786,179	(1,921,642)	(1,154,510)	161,410,527	781,025,315
PECO Gas 378 Measure & Regulate Station Equipment	50	R2	2.95%	20,226,050	2,171,038	(73,071)	22,324,017	7,715,837	404,732	(73,071)	(83,012)	7,964,486	14,359,531
PECO Gas 379 City Gate Check Stations	50	R3	2.87%	58,043,338	9,108,504	(16,322)	67,135,520	22,380,043	1,140,659	(16,322)	(7,428)	23,496,952	43,638,568
PECO Gas 3801 Steel Services	37	S0	4.00%	78,212,195	844,195	(6,499,942)	72,556,448	(7,765,116)	3,455,249	(6,499,942)	(3,182,573)	(13,992,382)	86,548,830
PECO Gas 3802 Plastic Services	56	R3	2.40%	838,249,922	98,593,789	(917,035)	935,926,676	251,699,342	15,237,633	(917,035)	(501,456)	265,518,484	670,408,192
PECO Gas 381 Meters	40	R3	4.37%	82,936,760	3,222,440	(310,844)	85,848,356	42,923,856	1,770,914	-	-	44,383,926	41,464,430
PECO Gas 3811 Meter Modules	20	S2	6.54%	70,370,664	2,202,122	-	72,572,786	18,879,803	3,376,851	-	(32)	22,256,622	50,316,164
PECO Gas 382 Meter Installations	50	R3	2.96%	190,469,129	15,250,607	(723,335)	204,996,401	69,305,146	3,758,282	(723,335)	-	72,340,093	132,656,308
PECO Gas 387 Other Equipment	22	S1.5	13.87%	2,118,323	-	-	2,118,323	1,163,927	130,945	-	-	1,294,872	823,451
PECO Gas 390 Structures & Improvements	45	R2	3.26%	8,356,017	970,999	(5,725)	9,321,291	2,952,956	191,188	(5,725)	(4,721)	3,133,698	6,187,593
PECO Gas 3912 Furniture & Fixtures	15	SQ	8.60%	292,036	29,612	(5,155)	316,493	64,357	19,954	(5,155)	(4,958)	74,198	242,295
PECO Gas 3913 Computers	5	SQ	31.31%	3,210,389	1,587,027	(16,525)	4,780,891	1,711,231	478,161	(16,525)	-	2,172,867	2,608,024
PECO Gas 394 Tools & Equipment	20	SQ	7.75%	12,359,436	1,964,749	(168,384)	14,155,801	4,433,356	631,544	(168,384)	(19,906)	4,876,610	9,279,191
PECO Gas 397 Communication Equipment	5	R3	69.60%	4,621,776	138,600	(20,487)	4,739,889	4,103,457	347,696	(20,487)	(2,533)	4,428,133	311,756
PECO Gas 398 Miscellaneous Equipment	15	SQ	8.59%	131,638	-	(12,388)	119,250	37,562	8,024	(12,388)	-	33,198	86,052
PECO Gas 399.1 Asset Retirement Costs	-	-	-	130,293	-	(6,658)	123,635	23,768	3,760	(6,658)	-	20,870	102,765
PECO Gas 388 ARO Costs Distribution Pit	-	-	-	1,457,542	-	(1,935)	1,455,607	400,893	78,789	(1,935)	-	477,747	977,860
Gas Subtotal				2,952,722,924	292,058,608	(16,448,195)	3,228,333,337	819,467,638	59,084,982	(16,448,195)	(10,028,875)	852,075,550	2,376,257,787
Common Plant Allocated to Gas (Note C)				210,959,713	25,598,219	(4,005,762)	232,552,170	94,994,740	15,311,570	(4,005,762)	(446,158)	105,854,390	126,697,780
Depreciable Total				3,163,682,637	317,656,827	(20,453,957)	3,460,885,507	914,462,378	74,396,552	(20,453,957)	(10,475,033)	957,929,940	2,502,955,567

Fleet Depreciation (Note D)	(2,686,163)
ARC Amortization (Note E)	(98,935)
Reg Asset Amortization (Note F)	(68,856)
Adjusted 2021 estimated annual depreciation accrual	71,542,598
Note G	

- Notes:**
- Note A:** Intangible Plant is amortized based on the service lives estimated at the time the plant is placed into service. The amortization rates for Intangible Plant are weighted based on the relative amount of underlying plant booked to the Intangible Plant accounts.
- Note B:** The Liquefied Natural Gas Plant, Liquefied Petroleum Gas Plant and Cast Iron Mains are depreciated using a terminal date and as a result do not have an average service life or dispersion curve.
- Note C:** Common Plant allocated to Gas relates to various Common Plant utility accounts identified in the 2018 Electric Distribution, General and Common Depreciation Study. The Common Plant amounts are allocated to Gas plant based on the Common Allocation Factor determined each year.
- Note D:** Included in the 2021 Estimated Annual Depreciation Accrual column for the Common Plant allocated to Gas row is \$2.7 million relating to PECO Fleet. Depreciation associated with Fleet is excluded from depreciation expense and directly assigned to the functional O&M and capital accounts based on use.
- Note E:** Asset Retirement Costs (ARC) are depreciable plant, but the ARC depreciation expense is not included in the revenue requirements calculation and not included in the claim for the current proceeding.
- Note F:** Included in the 2021 Estimated Annual Depreciation Accrual is \$0.07 million relating to PECO Regulatory Asset amortization. Regulatory Asset amortization expense is charged to a Regulatory Asset.
- Note G:** Agrees to Gas depreciation expense included in the revenue requirements calculation in Exhibit D-17.