

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
A-1
Benjamin S. Yin
1 of 1
UPDATE 7-24-2018

Summary of Measures of Value and Revenue Increase

Line No	Description	[1]	[2]	[3]	[4]	[5]
		Function	Reference Section	Present Rates	Increase	Proposed Rates
MEASURE OF VALUE						
1	Utility Plant		C-2	\$ 7,193,359		\$ 7,193,359
2	Accumulated Depreciation		C-3	(2,041,494)		(2,041,494)
3	Net Plant in service	L1 + L2		5,151,865		5,151,865
4	Working Capital		C-4	148,915		148,915
5	Pension Assets / (Liabilities)		C-5	95,200		95,200
6	Accum Deferred Income Taxes		C-6	(537,434)		(537,434)
7	Customer Deposits		C-7	(50,574)		(50,574)
8	Common Plant - Net of Accum Depre		C-8	326,144		326,144
9	Customer Advances for Construction		C-9	(959)		(959)
10	Unamortized AMR Investment		C-10	11,551		11,551
11	Materials and Supplies		C-11	15,876		15,876
12	Accum Deferred Income Taxes - Reg Liability		C-12	(314,766)		(314,766)
13	TOTAL RATE BASE	Sum L3 to L12		\$ 4,845,819	\$ -	\$ 4,845,819
OPERATING REVENUES AND EXPENSES						
<u>Operating Revenues</u>						
14a	Base Customer Charge at Current Rates			\$ 1,295,197	\$ 69,091	\$ 1,364,288
14b	Tax Reform Benefit to Customers			(70,623)	70,623	-
14	Base Customer Charge with Tax Reform Benefit	L14a + L14b	D-2	\$ 1,224,574	\$ 139,714	\$ 1,364,288
15	Electric Cost Revenue		D-5	839,384		839,384
16	Other Operating Revenues		D-2	33,687	603	34,290
17	Total Revenues	Sum L14 to L16		2,097,645	140,317	2,237,963
18	Operating Expenses		D-1	(1,776,064)	(9,978)	(1,786,041)
19	OIBIT	L17 + L18		321,582	130,340	451,922
20	Income Taxes @ Eff Inc Tax Rate		D-18	(36,976)		
21	Income Taxes @ Statutory Rates		D-18		(37,658)	(74,634)
22	NET OPERATING INCOME	Sum L19 to L21		\$ 284,606	\$ 92,682	\$ 377,288
23	RATE OF RETURN	L22 / L13		5.8732%		7.7858%
REVENUE INCREASE REQUIRED						
24	Rate of Return at Present Rates	L22, [3]		5.8732%		
25	Rate of Return Required		B-7	7.7858%		
26	Change in ROR	L25 - L24		1.9126%		
27	Change in Operating Income	L26 * L13		\$ 92,682		
28	Gross Revenue Conversion Factor		D-19	1.5075		
29	Change in Revenues Before Tax Reform Benefit	L27 * L28		\$ 139,714		
30	Tax Reform Benefit to Customers			(70,623)		
31	Change in Revenues with Tax Reform Benefit	L29 + L30		\$ 69,091		

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
B-1
Benjamin S. Yin
 1 of 2

Balance Sheet

Line No	Description/(Account No)	[1] Total Company Budget FPFTY 2019
<u>UTILITY PLANT</u>		
1	Total Plant In Service	12,951,286
2	Construction Work In Progress (107)	203,590
3	Total Utility Plant	13,154,876
4	Accumulated Provision for Depreciation	(4,006,921)
5	Net Utility Plant	<u>9,147,955</u>
 <u>OTHER PROPERTY INVESTMENTS</u>		
6	Non-utility Property (121)	13,903
7	Accumulated Depreciation on NUP (122)	(1,877)
8	Invest in Assoc Company	8,234
9	Other Investments (124)	17,989
10	Total Other Property and Investments	<u>38,249</u>
 <u>CURRENT AND ACCRUED ASSETS</u>		
11	Cash & Other Temporary Investments(131-136)	102,123
12	Notes Receivable (141)	-
13	Customer Accounts Receivable (142)	302,410
14	Other Accounts Receivable (143)	39,180
15	Accum Provision for Uncollectible (144)	(58,140)
16	Receivables from Associated Companies (145)	-
17	Accounts Receivable Assoc. Comp. (146)	-
18	Fuel Stock (151)	35,471
19	Plant Materials & Supplies (154)	29,925
20	Gas Stored - Current (164.1)	-
21	Liquefied Natural Gas stored (164.2)	-
22	Prepayments (165)	18,494
23	Interest & Dividends Receivable	-
24	Accrued Utility Revenues (173)	160,208
25	Miscellaneous Current & Accrued Assets (174)	41,719
26	Total Current and Accrued Assets	<u>671,390</u>
 <u>DEFERRED DEBITS</u>		
27	Unamortized Debt Expense (181)	25,254
28	Other Regulatory Assets (182.3)	546,044
29	Miscellaneous Deferred Debits (186)	762,775
30	Unamortized Loss on Reacquired Debt (189)	619
31	Accumulated Deferred Income Taxes (190)	(0)
32	Total Deferred Debits	<u>1,334,692</u>
33	TOTAL ASSETS AND OTHER DEBITS	<u>\$ 11,192,286</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
B-1
Benjamin S. Yin
2 of 2

Balance Sheet

[1]

Total Company
Budget
FPFTY 2019

Line No	Description	
<u>PROPRIETY CAPITAL</u>		
34	Common Stock Issued (201)	\$ 1,423,004
35	Preferred Stock Issued (204)	-
36	Miscellaneous Paid-In Capital (211)	1,291,288
37	Capital Stock Expense (214)	(87)
38	Retained Earnings (215, 215.2, 216)	1,354,042
39	Unappropriated Retained Earnings (216, 216.1)	-
40	Accum Other Comprehensive Income (219)	1,630
41	Total Propriety Capital & Margins	<u>4,069,878</u>
<u>LONG TERM DEBT</u>		
42	Bonds (221)	3,375,000
43	Advances from Associated Companies (223)	184,419
44	Other Long-Term Debt (224)	-
45	Unamortized Premium on LTD (225)	-
46	Unamortized Discount on LTD (226)	(4,749)
47	Total Long-term Debt	<u>3,554,670</u>
<u>OTHER NON-CURRENT LIABILITIES</u>		
48	Obligations under Capital Leases (227)	-
49	Accum. Prov for Injuries & Damages (228.2)	42,234
50	Accum. Prov for Pensions & Benefits (228.3)	301,470
51	Accum. Miscellaneous Operating Prov (228.4)	13,421
52	Asset Retirement Obligation	27,223
53	Total Other Non-Current Liabilities	<u>384,347</u>
<u>CURRENT & ACCRUED LIABILITIES</u>		
54	Notes Payable (231)	-
55	Accounts Payable (232)	449,464
56	Notes Payable to Assoc. Companies (233)	-
57	Accounts Payable to Assoc. Cos (234)	12,094
58	Customer Deposits (235)	65,714
59	Taxes Accrued (236)	2,974
60	Interest Accrued (237)	35,225
61	Dividends Declared (238)	-
62	Tax Collections Payable (241)	43
63	Misc Current & Accrued Liabilities (242)	164,944
64	Total Current & Accrued Liabilities	<u>730,459</u>
<u>OTHER DEFERRED CREDITS</u>		
65	Customer Advances for Construction (252)	707
66	Other Deferred Credits (253)	1,429
67	Other Regulatory Liabilities (254)	419,562
68	Deferred Investment Tax Credit (255)	634
69	Unamortized Gain on Reacquired Debt (257)	-
70	Accumulated Deferred Income Taxes (281-283)	2,030,599
71	Total Other Deferred Credits	<u>2,452,933</u>
72	TOTAL LIABILITIES & OTHER CREDITS	<u>\$ 11,192,286</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
B-2
Benjamin S. Yin
1 of 1

Statement of Net Utility Operating Income

Line No	Description	[1] Account Number	[2] Electric Per Budget FPFTY 2019	[3] Non-Pennsylvania Jurisdiction	[4] Pennsylvania Jurisdiction FPFTY 2019	[5] Reference
<u>Total Operating Revenues</u>						
1	Customer & Distribution Revenues		\$ 1,338,654	\$ -	\$ 1,338,654	B-3
2	Electric Cost Revenue		653,769	-	653,769	B-3
3	Transmission		401,202	(215,587)	185,615	B-3
4	Other Operating Revenues		42,064	(8,378)	33,687	B-3
5	Total Operating Revenues	400	<u>\$ 2,435,690</u>	<u>\$ (223,965)</u>	<u>\$ 2,211,725</u>	
<u>Total Operating Expenses</u>						
6	Operation & Maintenance Expenses	401,402	\$ 1,521,809	\$ (78,657)	\$ 1,443,152	B-4
7	Depreciation & Amortization Expense	403 / 404	246,102	(36,970)	209,132	D-2
8	Amortization of Regulatory Expense	407.3	18,439		18,439	D-2
9	Taxes Other Than Income Taxes	408.1	151,278	(3,671)	147,607	B-5
10	Total Operating Expenses		<u>\$ 1,937,628</u>	<u>\$ (119,299)</u>	<u>\$ 1,818,330</u>	
11	Operating Income Before Income Taxes		498,061	(104,666)	393,395	

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
B-3
Benjamin S. Yin
1 of 1

Statement of Operating Revenue

Line No	Description	[1] Electric Per Budget FPFTY 2019	[2] Non-Pennsylvania Jurisdiction	[3] Pennsylvania Jurisdiction FPFTY 2019
CUSTOMER & DISTRIBUTION REVENUE				
1	Residential	\$ 873,512	\$ -	\$ 873,512
2	Small Commercial & Industrial	243,671	-	243,671
3	Large Commercial & Industrial	192,521	-	192,521
4	Other Customer Classes	28,949	-	28,949
5	Sub-total Customer & Distribution Revenues	<u>\$ 1,338,654</u>	<u>\$ -</u>	<u>\$ 1,338,654</u>
ELECTRIC COST REVENUE				
6	Residential	\$ 527,987	\$ -	\$ 527,987
7	Small Commercial & Industrial	92,352	-	92,352
8	Large Commercial & Industrial	32,491	-	32,491
9	Other Customer Classes	939	-	939
10	Sub-total Purchased Electricity Revenues	<u>\$ 653,769</u>	<u>\$ -</u>	<u>\$ 653,769</u>
11	Transmission Revenue - All Classes	185,615	-	185,615
12	Total Retail Revenues	<u>\$ 2,178,038</u>	<u>\$ -</u>	<u>\$ 2,178,038</u>
OTHER REVENUE				
13	Forfeited Discounts	\$ 9,406	\$ -	\$ 9,406
14	Miscellaneous Service Revenues	3,794	-	3,794
15	Rent For Electric Property	26,054	(8,223)	17,832
16	Decommissioning Payment	(3,860)	-	(3,860)
17	Other Electric Revenues	6,670	(155)	6,514
18	Transmission of Electricity for Others	215,587	(215,587)	-
19	Total Other Operating Revenues	<u>\$ 257,652</u>	<u>\$ (223,965)</u>	<u>\$ 33,687</u>
20	Total Operating Revenues	<u><u>\$ 2,435,690</u></u>	<u><u>\$ (223,965)</u></u>	<u><u>\$ 2,211,725</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page
BSY-5
B-4
Benjamin S. Yin
1 of 4

Operation & Maintenance Expenses

Line No	Description	Account Number	[1] Electric Per Budget FPFTY 2019	[2] Non-Pennsylvania Jurisdiction	[3] Pennsylvania Jurisdiction FPFTY 2019
<u>POWER SUPPLY EXPENSES</u>					
1	Purchased Power	555	\$ 608,548	-	\$ 608,548
2	Other				
3	Power Supply	L1 + L2	<u>\$ 608,548</u>	<u>\$ -</u>	<u>\$ 608,548</u>
<u>TRANSMISSION EXPENSE</u>					
Operation					
4	Operation & Supervision	560	\$ 7,320	(7,320)	\$ -
5	Load Dispatching	561.0	-	-	-
6	Scheduling, System Control & Dispatch	561.4	89,105	-	89,105
7	Transmission Service Studies	561.6	-	-	-
8	Generation Service Studies	561.7	-	-	-
9	Reliability, Planning & Standard Development	561.8	83,113	-	83,113
10	Station Expense	562	1,340	(1,340)	-
11	Overhead Lines	563	765	(765)	-
12	Underground Lines Expense	564	-	-	-
13	Miscellaneous Expense	566	14,180	(14,180)	-
14	Rents	567	14,498	(14,498)	-
15	Total Transmission Operation Expense	Sum L4 to L14	<u>\$ 210,321</u>	<u>\$ (38,103)</u>	<u>\$ 172,218</u>
Maintenance Expense					
16	Maintenance of Structures	569	\$ 184	\$ (184)	\$ -
17	Maintenance of Computer Hardware	569	116	(116)	-
18	Maintenance of Computer Software	569	744	(744)	-
19	Maintenance of Communication Equipment	569	232	(232)	-
20	Maintenance of Station Equipment	570	43,063	(43,063)	-
21	Maintenance Overhead Lines	571	13,227	(13,227)	-
22	Maintenance of Underground Lines	572	2,483	(2,483)	-
23	Maintenance of Misc Transmission Plant	573	18,083	(18,083)	-
24	Total Transmission Maintenance	Sum L16 to L23	<u>\$ 78,132</u>	<u>\$ (78,132)</u>	<u>\$ -</u>
25	Transmission Expense	L15 + L24	<u>\$ 288,453</u>	<u>\$ (116,235)</u>	<u>\$ 172,218</u>
<u>REGIONAL MARKET EXPENSES</u>					
26	Market Facilitation, Monitoring & Compliance	573	\$ -	\$ -	\$ -
27	Other		-	-	-
28	Regional Market	L26 + L27	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<u>DISTRIBUTION EXPENSE</u>					
Operations Expense					
29	Operation & Supervision	580	\$ 385		\$ 385
30	Load Dispatching	581	46		46
31	Station Expense	582	3,763		3,763
32	Overhead Lines Expenses	583	8,268		8,268
33	Underground Lines Expense	584	7,451		7,451
34	Meter Expenses	586	10,905		10,905
35	Customer Installations Expense	587	8,499		8,499
36	Miscellaneous Expense	588	52,348		52,348
37	Rents	589	197		197
38	Total Distribution Operations	Sum L29 to L37	<u>\$ 91,861</u>	<u>\$ -</u>	<u>\$ 91,861</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page
BSY-5
B-4
Benjamin S. Yin
2 of 4

Operation & Maintenance Expenses

1 Line No	Description	Account Number	[1] Electric Per Budget FPPTY 2019	[2] Non-Pennsylvania Jurisdiction	[3] Pennsylvania Jurisdiction FPPTY 2019
Maintenance					
39	Maintenance - Energy Efficiency Programs		\$ -		\$ -
40	Maintenance of Structures	591	7,299		7,299
41	Maintenance of Station Equipment	592	18,935		18,935
42	Maintenance of Overhead Lines	593	105,195		105,195
43	Maintenance of Underground Lines	594	34,445		34,445
44	Maintenance of Line Transformers	595	1,614		1,614
45	Maintenance of Street Lighting & Signal Systems	596	1,826		1,826
46	Maintenance of Misc. Distribution	598	18,745		18,745
47	Total Distribution Maintenance	Sum L39 to L46	<u>\$ 188,060</u>	<u>\$ -</u>	<u>\$ 188,060</u>
48	Distribution Expense	L38 + L47	<u>\$ 279,921</u>	<u>\$ -</u>	<u>\$ 279,921</u>
CUSTOMER ACCOUNTS					
49	Supervision	901	\$ -		\$ -
50	Meter Reading	902	571		571
51	Customer Records and Collection	903	70,155		70,155
52	Uncollectible Accounts	904	25,065		25,065
53	Miscellaneous Customer Accounts	905	3,621		3,621
54	Total Customer Accounts	Sum L49 to L53	<u>\$ 99,412</u>	<u>\$ -</u>	<u>\$ 99,412</u>
CUSTOMER SERVICE & INFORMATION					
55	Customer Assistance	908	\$ 99,762		\$ 99,762
56	Informational & Instructional	909	885		885
57	Miscellaneous Customer & Informational	910	149		149
58	Total Customer Service & Information	Sum L55 to L57	<u>\$ 100,796</u>	<u>\$ -</u>	<u>\$ 100,796</u>
SALES					
59	Demonstrating & Selling	912	\$ 864		\$ 864
60	Miscellaneous Sales	916	-		-
61	Total Sales	L59 + L60	<u>\$ 864</u>	<u>\$ -</u>	<u>\$ 864</u>
ADMINISTRATION & GENERAL					
Operation					
62	Administrative and General Salaries	920.0	\$ (12,057)	\$ 51,280	\$ 39,223
63	Office Supplies and Expenses	921.0	12,071	(3,410)	8,660
64	Administrative Expenses Transferred-Credit	922.0	-	-	-
65	Outside Service Employed	923.0	87,333	(8,788)	78,545
66	Property Insurance	924.0	222	(37)	185
67	Injuries and Damages	925.0	9,851	-	9,851
68	Employee Pensions and Benefits	926.0	28,087	(3,023)	25,064
69	Franchise Requirements	927.0	-	-	-
70	Regulatory Commission Expenses	928.0	12,104	(287)	11,817
71	Duplicate Charges-Credit	929.0	(9,731)	8,235	(1,496)
72	General Advertising Expenses	930.1	-	-	-
73	Miscellaneous General Expenses	930.2	8,609	(5,596)	3,013
74	Rents	931.0	-	-	-
75	A & G Operation Expenses	Sum L62 to L74	<u>\$ 136,489</u>	<u>\$ 38,373</u>	<u>\$ 174,862</u>
Maintenance					
76	Maintenance of General Plant	935	\$ 7,326	\$ (796)	\$ 6,530
77	Administrative & General	L75 + L76	<u>\$ 143,815</u>	<u>\$ 37,577</u>	<u>\$ 181,392</u>
78	Total Electric O & M Expenses	Sum L(3,25,28,48,54,58, 61,77)	<u>\$ 1,521,809</u>	<u>\$ (78,657)</u>	<u>\$ 1,443,152</u>
79	Total Electric Operation Expenses	Sum L(3,15,28,38,54,58, 61,75)	\$ 1,248,291	\$ 270	\$ 1,248,562
80	Total Electric Maintenance Expenses	L24 + L47 + L76	273,518	(78,928)	194,590
81	Total Electric O & M Expenses		<u>\$ 1,521,809</u>	<u>\$ (78,657)</u>	<u>\$ 1,443,152</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 B-4
 Benjamin S. Yin
 3 of 4

Operation & Maintenance Expenses - A&G

Line No	Description	Account Number	[1] Electric Per Budget FPFTY 2019	[2] Percentage to Non-Pennsylvania	[3] Non-Pennsylvania Jurisdiction	[4] Pennsylvania Jurisdiction FPFTY 2019
ADMINISTRATION & GENERAL - Distribution						
Operation						
1	Administrative and General Salaries	920.0	\$ 39,212	0.0000%	\$ -	\$ 39,212
2	Office Supplies and Expenses	921.0	8,588	0.0000%	-	8,588
3	Administrative Expenses Transferred-Credit	922.0	-	0.0000%	-	-
4	Outside Service Employed	923.0	79,998	0.0000%	-	79,998
5	Property Insurance	924.0	53	0.0000%	-	53
6	Injuries and Damages	925.0	9,851	0.0000%	-	9,851
7	Employee Pensions and Benefits	926.0	26,051	0.0000%	-	26,051
8	Franchise Requirements	927.0	-	0.0000%	-	-
9	Regulatory Commission Expenses	928.0	11,817	0.0000%	-	11,817
10	Duplicate Charges-Credit	929.0	(1,462)	0.0000%	-	(1,462)
11	General Advertising Expenses	930.1	-	0.0000%	-	-
12	Miscellaneous General Expenses	930.2	2,979	0.0000%	-	2,979
13	Rents	931.0	-	0.0000%	-	-
14	A & G Operation Expenses - Distribution	Sum L1 to L13	<u>\$ 177,088</u>		<u>\$ -</u>	<u>\$ 177,088</u>
Maintenance						
15	Maintenance of General Plant	935	\$ 6,530	0.0000%	\$ -	\$ 6,530
16	Administrative & General - Distribution	L14 + L15	<u>\$ 183,618</u>		<u>\$ -</u>	<u>\$ 183,618</u>
ADMINISTRATION & GENERAL - Transmission						
Operation						
17	Administrative and General Salaries	920.0	\$ (51,281)	100.0000%	\$ 51,281	\$ -
18	Office Supplies and Expenses	921.0	3,401	100.0000%	(3,401)	-
19	Administrative Expenses Transferred-Credit	922.0	-	100.0000%	-	-
20	Outside Service Employed	923.0	8,974	100.0000%	(8,974)	-
21	Property Insurance	924.0	6	100.0000%	(6)	-
22	Injuries and Damages	925.0	-	100.0000%	-	-
23	Employee Pensions and Benefits	926.0	3,149	100.0000%	(3,149)	-
24	Franchise Requirements	927.0	-	100.0000%	-	-
25	Regulatory Commission Expenses	928.0	287	100.0000%	(287)	-
26	Duplicate Charges-Credit	929.0	(8,230)	100.0000%	8,230	-
27	General Advertising Expenses	930.1	-	100.0000%	-	-
28	Miscellaneous General Expenses	930.2	5,591	100.0000%	(5,591)	-
29	Rents	931.0	-	100.0000%	-	-
30	A & G Operation Expenses - Transmission	Sum L17 to L29	<u>\$ (38,104)</u>		<u>\$ 38,104</u>	<u>\$ -</u>
Maintenance						
31	Maintenance of General Plant	935	\$ 796	100.0000%	\$ (796)	\$ -
32	Administrative & General - Transmission	L30 + L31	<u>\$ (37,308)</u>		<u>\$ 37,308</u>	<u>\$ -</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page 4 of 4
BSY-5
B-4
Benjamin S. Yin

Operation & Maintenance Expenses - A&G

Line No	Description	Account Number	[1] Electric Per Budget FPPTY 2019	[2] Percentage to Non-Pennsylvania	[3] Non-Pennsylvania Jurisdiction	[4] Pennsylvania Jurisdiction FPPTY 2019
ADMINISTRATION & GENERAL - General						
Operation						
33	Administrative and General Salaries	920.0	\$ 13	11.3130%	\$ (1)	\$ 11
34	Office Supplies and Expenses	921.0	81	11.3130%	(9)	72
35	Administrative Expenses Transferred-Credit	922.0	-	11.3130%	-	-
36	Outside Service Employed	923.0	(1,639)	11.3130%	185	(1,453)
37	Property Insurance	924.0	163	19.1710%	(31)	132
38	Injuries and Damages	925.0	-	11.3130%	-	-
39	Employee Pensions and Benefits	926.0	(1,113)	11.3130%	126	(987)
40	Franchise Requirements	927.0	-	11.3130%	-	-
41	Regulatory Commission Expenses	928.0	-	0.0000%	-	-
42	Duplicate Charges-Credit	929.0	(39)	11.3130%	4	(34)
43	General Advertising Expenses	930.1	-	11.3130%	-	-
44	Miscellaneous General Expenses	930.2	38	11.3130%	(4)	34
45	Rents	931.0	-	11.3130%	-	-
46	A & G Operation Expenses - General	Sum L33 to L45	<u>\$ (2,495)</u>		<u>\$ 269</u>	<u>\$ (2,226)</u>
Maintenance						
47	Maintenance of General Plant	935	\$ -	11.3130%	\$ -	\$ 0
48	Administrative & General - General	L46 + L47	<u>\$ (2,495)</u>		<u>\$ 269</u>	<u>\$ (2,226)</u>
ADMINISTRATION & GENERAL - Total						
Operation						
49	Administrative and General Salaries	920.0	\$ (12,057)		\$ 51,280	\$ 39,223
50	Office Supplies and Expenses	921.0	12,071		(3,410)	8,660
51	Administrative Expenses Transferred-Credit	922.0	-		-	-
52	Outside Service Employed	923.0	87,333		(8,788)	78,545
53	Property Insurance	924.0	222		(37)	185
54	Injuries and Damages	925.0	9,851		-	9,851
55	Employee Pensions and Benefits	926.0	28,087		(3,023)	25,064
56	Franchise Requirements	927.0	-		-	-
57	Regulatory Commission Expenses	928.0	12,104		(287)	11,817
58	Duplicate Charges-Credit	929.0	(9,731)		8,235	(1,496)
59	General Advertising Expenses	930.1	-		-	-
60	Miscellaneous General Expenses	930.2	8,609		(5,596)	3,013
61	Rents	931.0	-		-	-
62	A & G Operation Expenses - Total	Sum L49 to L61	<u>\$ 136,489</u>		<u>\$ 38,373</u>	<u>\$ 174,862</u>
Maintenance						
63	Maintenance of General Plant	935	\$ 7,326		\$ (796)	\$ 6,530
64	Administrative & General - Total	L62 + L63	<u>\$ 143,815</u>		<u>\$ 37,577</u>	<u>\$ 181,392</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
B-5
Benjamin S. Yin
1 of 1

Detail of Taxes Other Than Income Taxes

Line No	Description	[1] Reference	[2] Electric Per Budget FPFTY 2019	[3] Non-Pennsylvania Jurisdiction	[4] Pennsylvania Jurisdiction FPFTY 2019
Taxes Other Than Income Taxes					
Non-revenue related:					
1	PA Real Estate Tax		\$ 5,391	\$ (1,034)	\$ 4,357
2	Pennsylvania - PURTA		6,540	(1,254)	5,286
3	Capital Stock		-	-	-
4	PA and Local Use Taxes		433	(83)	350
5	Miscellaneous Taxes		-	-	-
6	Subtotal	Sum L1 to L5	\$ 12,364	\$ (2,370)	\$ 9,994
Payroll Taxes					
7	Payroll Taxes		\$ 11,501	\$ (1,301)	\$ 10,200
8	Other		-	-	-
9	Subtotal	L7 + L8	\$ 11,501	\$ (1,301)	\$ 10,200
Revenue Related:					
10	State Gross Receipts Pennsylvania		\$ 127,413	\$ -	\$ 127,413
11	Total Taxes Other Than Income Taxes	L6 + L9 + L10	\$ 151,278	\$ (3,671)	\$ 147,607

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
B-6
Benjamin S. Yin
1 of 1

Composite Cost of Long-Term Debt

Line No	Description	[1] Amount Outstanding	[2] Percent to Total	[3] Effective Interest Rate	[4] Average Weighted Cost Rate [2] * [3]	[5] Annualized Cost
<u>First & Refunding Mortgage Bonds - Fixed Rate</u>						
1	1.70% due 2021	\$ 300,000	8.43%	1.86%	0.16%	
2	2.375% due 2022	350,000	9.83%	2.47%	0.24%	
3	3.15% due 2025	350,000	9.83%	3.29%	0.32%	
4	5.90% due 2034	75,000	2.11%	6.00%	0.13%	
5	5.95% due 2036	300,000	8.43%	6.04%	0.51%	
6	5.70% due 2037	175,000	4.92%	5.81%	0.29%	
7	4.80% due 2043	250,000	7.02%	4.89%	0.34%	
8	4.15% due 4044	300,000	8.43%	4.23%	0.36%	
9	3.70% due 4047	325,000	9.13%	3.75%	0.34%	
10	3.90% due 4048	325,000	9.13%	3.99%	0.36%	
11	4.03% due 4048	325,000	9.13%	4.08%	0.37%	
12	2.00% due 4048	50,000	1.41%	2.24%	0.03%	
13	4.08% due 4049	250,000	7.02%	4.15%	0.29%	
	Sub-Total Fixed Rate	<u>\$ 3,375,000</u>	<u>94.82%</u>			
<u>Trust Preferred Capital Securities</u>						
14	7.38% Rate Due 4/6/28	80,521	2.26%	7.46%	0.17%	
15	6.50% Rate Due 4/6/28	805	0.02%	6.50%	0.00%	
16	5.75% Rate Due 6/15/33	103,093	2.90%	5.88%	0.17%	
17	Sub-Total Capital Securities	<u>\$ 184,419</u>	<u>5.18%</u>			
18	Total Long-Term Debt	<u>\$ 3,559,419</u>	<u>100.00%</u>		<u>4.08%</u>	
19	Adjustment for Tenders & Calls	<u>(7,997)</u>				
20	Net Long-Term Debt	<u>\$ 3,551,422</u>				
21	Annualized Cost	\$ 145,224				
22	Adjustment for Tenders & Calls Reacquired	<u>2,557</u>				
23	Total	<u>\$ 147,781</u>				<u>4.16%</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
B-7
Benjamin S. Yin
 1 of 1

Rate of Return

		[1]	[2]	[3]	[4]	[5]
<u>Line No</u>	<u>Description</u>	<u>Capitalization</u>	<u>Capitalization Ratio</u>	<u>Embedded Cost</u>	<u>Statement Reference</u>	<u>Return-%</u>
1	Long-Term Debt	\$ 3,551,422	46.61%	4.16%	B-6	1.94%
2	Common Equity	<u>4,068,248</u>	<u>53.39%</u>	10.95%		<u>5.85%</u>
3	Total	<u><u>\$ 7,619,670</u></u>	<u><u>100.00%</u></u>			<u><u>7.79%</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
C-1
Benjamin S. Yin
 1 of 1

Measures of Value

Line No	Description	Reference		Measures of Value		
		Function	Schedule	Per Budget FPFTY 2019	Adjustments	Adjusted FPFTY 2019
		[1]	[2]	[3]	[4]	[5]
1	Utility Plant		C-2	\$ 8,998,310	\$ (1,804,951)	\$ 7,193,359
2	Accumulated Depreciation		C-3	(2,591,345)	549,851	(2,041,494)
3	Net Plant in Service	L1 + L2		\$ 6,406,965	\$ (1,255,100)	\$ 5,151,865
4	Working Capital		C-4	148,915		148,915
5	Pension Assets/(Liabilities)		C-5	95,200		95,200
6	Accumulated Deferred Income Taxes		C-6	(537,434)		(537,434)
7	Customer Deposits		C-7	(50,574)		(50,574)
8	Common Plant		C-8	326,144		326,144
9	Customer Advances for Construction		C-9	(959)		(959)
10	Unamortized AMR Investment		C-10	11,551		11,551
11	Material & Supplies		C-11	15,876		15,876
12	Accumulated Deferred Income Taxes - Reg Liability		C-12	(314,766)		(314,766)
13	Total Measures of Value	Sum L3 to L12		<u>\$ 6,100,918</u>	<u>\$ (1,255,100)</u>	<u>\$ 4,845,818</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-2
Benjamin S. Yin
1 of 5
UPDATE 7-24-2018

Pro Forma Utility Plant In Service Summary

Line No	Description	[1] Schedule	[2] Per Budget December 31 FPFTY 2019	[3] Adjustments	[4] Adjusted December 31 FPFTY 2019
1	INTANGIBLE PLANT	Sec. C-2, Sch 2	\$ 189,905	\$ (14,524)	\$ 175,381
2	TRANSMISSION PLANT	Sec. C-2, Sch 2	1,760,203	(1,760,203)	-
3	DISTRIBUTION PLANT	Sec. C-2, Sch 2	6,781,042	-	6,781,042
4	GENERAL PLANT	Sec. C-2, Sch 2	267,160	(30,224)	236,936
5	SUB-TOTAL PLANT-IN-SERVICE	Sum L1 to L6	<u>\$ 8,998,310</u>	<u>\$ (1,804,951)</u>	<u>\$ 7,193,359</u>
6	COMPLETED CONSTRUCTION NOT CLASSIFIED	G/L a/c # 106	<u>-</u>	<u>-</u>	<u>-</u>
7	PLANT-IN-SERVICE	Sum L7 to L9	<u>\$ 8,998,310</u>	<u>\$ (1,804,951)</u>	<u>\$ 7,193,359</u>
8	CONSTRUCTION WORK-IN-PROGRESS	G/L a/c # 107	-	-	-
9	OTHER		-	-	-
10	TOTAL UTILITY PLANT	Sum L 10 to L 12	<u><u>\$ 8,998,310</u></u>	<u><u>\$ (1,804,951)</u></u>	<u><u>\$ 7,193,359</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-2
Benjamin S. Yin
2 of 5
UPDATE 7-24-2018

Detail of Pro Forma Utility Plant In Service

Line No	Description	[1] Account Number	[2] Per Budget December 31 FPFTY 2019	[3] Adjustments	[4] Adjusted December 31 FPFTY 2019 [3] + [4]
INTANGIBLE PLANT					
1	Franchise & Consent	302	\$ 163	\$ (18)	\$ 145
2	Miscellaneous Intangible Plant	303	189,742	(14,505)	175,236
3	Total Intangible Plant	L 1 + L 2	<u>\$ 189,905</u>	<u>\$ (14,524)</u>	<u>\$ 175,381</u>
TRANSMISSION PLANT					
4	Land & Land Rights	350	\$ 59,802	\$ (59,802)	\$ -
5	Structures & Improvements	352	\$ 104,445	(104,445)	-
6	Station Equipment	353	\$ 956,469	(956,469)	-
7	Towers & Fixtures	354	\$ 277,948	(277,948)	-
8	Poles & Fixtures	355	\$ 16,515	(16,515)	-
9	Overhead Conductors & Devices	356	\$ 212,298	(212,298)	-
10	Underground Conduit	357	\$ 17,078	(17,078)	-
11	Underground Conductors & Devices	358	\$ 113,513	(113,513)	-
12	Roads & Trails	359	\$ 2,137	(2,137)	-
13	Asset Retirement Costs for Transmission Plant	359.1	\$ (2)	2	-
14	Total Transmission Plant	Sum L 4 to L 13	<u>\$ 1,760,203</u>	<u>\$ (1,760,203)</u>	<u>\$ -</u>
DISTRIBUTION PLANT					
15	Land & Land Rights	360	\$ 42,884	\$ -	\$ 42,884
16	Structures & Improvements	361	\$ 139,261	-	139,261
17	Station Equipment	362	\$ 1,163,133	-	1,163,133
18	Poles, Towers & Fixtures	364	\$ 754,022	-	754,022
19	Overhead Conductors & Devices	365	\$ 1,341,927	-	1,341,927
20	Underground Conduit	366	\$ 464,223	-	464,223
21	Underground Conductors & Devices	367	\$ 1,372,757	-	1,372,757
22	Line Transformers	368	\$ 634,209	-	634,209
23	Services	369	\$ 433,534	-	433,534
24	Meters	370	\$ 346,878	-	346,878
25	Installations on Customer Premises	371	\$ 13,772	-	13,772
26	Street Lighting & Signal Systems	373	\$ 72,548	-	72,548
27	Asset Retirement Costs for Distribution Plant	374	\$ 1,893	-	1,893
28	Total Distribution Plant	Sum L 15 to L 27	<u>\$ 6,781,042</u>	<u>\$ -</u>	<u>\$ 6,781,042</u>
GENERAL PLANT					
29	Land & Land Rights	389	\$ 1,063	\$ (120)	\$ 943
30	Structures & Improvements	390	\$ 50,112	(5,669)	44,443
31	Office Furniture & Equipment	391	\$ 16,239	(1,837)	14,402
32	Transportation Equipment	392	\$ -	-	-
33	Stores Equipment	393	\$ 40	(4)	35
34	Tools & Garage Equipment	394	\$ 34,235	(3,873)	30,362
35	Laboratory Equipment	395	\$ 420	(47)	372
36	Power Operated Equipment	396	\$ -	-	-
37	Communications Equipment	397	\$ 162,832	(18,421)	144,410
38	Miscellaneous Equipment	398	\$ 547	(62)	485
39	Other Tangible Property	399	\$ -	-	-
40	Asset Retirement Costs for General Plant	399.1	\$ 1,672	(189)	1,483
41	Total General Plant	Sum L 29 to L 40	<u>\$ 267,160</u>	<u>\$ (30,224)</u>	<u>\$ 236,936</u>
41	Total Plant In Service	L 3 + L 14 + L 28 + L 41	<u>\$ 8,998,310</u>	<u>\$ (1,804,951)</u>	<u>\$ 7,193,359</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit BSY-5
 Schedule C-2
 Witness: Benjamin S. Yin
 Page 3 of 5
 UPDATE 7-24-2018

Additions to Plant

Line No	Description	[1] Account Number	[2] [3] [4] [5] [6] [7]					
			Per Budget FTY 2018	Per Budget FPFTY 2019	Adjustments FTY 2018	Adjustments FPFTY 2019	Adjusted FTY 2018	Adjusted FPFTY 2019
INTANGIBLE PLANT								
1	Franchise & Consent	302	-	\$ -			\$ -	\$ -
2	Miscellaneous Intangible Plant	303	21,325	18,011			21,325	18,011
3	Total Intangible Plant	L 1 + L 2	21,325	\$ 18,011	\$ -	\$ -	\$ 21,325	\$ 18,011
TRANSMISSION PLANT								
4	Land & Land Rights	350	\$ (0)	\$ (0)			\$ (0)	\$ (0)
5	Structures & Improvements	352	14,617	17,194			14,617	17,194
6	Station Equipment	353	67,368	79,726			67,368	79,726
7	Towers & Fixtures	354	5,356	6,296			5,356	6,296
8	Poles & Fixtures	355	120	143			120	143
9	Overhead Conductors & Devices	356	9,214	10,830			9,214	10,830
10	Underground Conduit	357	975	1,147			975	1,147
11	Underground Conductors & Devices	358	4,404	5,253			4,404	5,253
12	Roads & Trails	359	-	-			-	-
13	Asset Retirement Costs for Transmission Plant	359.1	-	-			-	-
14	Total Transmission Plant	Sum L 4 to L 13	102,055	\$ 120,588	\$ -	\$ -	\$ 102,055	\$ 120,588
DISTRIBUTION PLANT								
15	Land & Land Rights	360	\$ -	\$ -			\$ -	\$ -
16	Structures & Improvements	361	12,103	14,168			12,103	14,168
17	Station Equipment	362	60,673	71,208			60,673	71,208
18	Poles, Towers & Fixtures	364	34,265	40,718			34,265	40,718
19	Overhead Conductors & Devices	365	80,671	95,319			80,671	95,319
20	Underground Conduit	366	26,435	31,095			26,435	31,095
21	Underground Conductors & Devices	367	92,569	109,263			92,569	109,263
22	Line Transformers	368	33,238	38,767			33,238	38,767
23	Services	369	10,946	12,858			10,946	12,858
24	Meters	370	19,392	22,592			19,392	22,592
25	Installations on Customer Premises	371	-	-			-	-
26	Street Lighting & Signal Systems	373	5,365	6,259			5,365	6,259
27	Asset Retirement Costs for Distribution Plant	374	-	-			-	-
28	Total Distribution Plant	Sum L 15 to L 27	375,657	\$ 442,247	\$ -	\$ -	\$ 375,657	\$ 442,247
GENERAL PLANT								
29	Land & Land Rights	389	\$ -	\$ -			\$ -	\$ -
30	Structures & Improvements	390	1,355	272			1,355	272
31	Office Furniture & Equipment	391	3,149	1,082			3,149	1,082
32	Transportation Equipment	392	-	-			-	-
33	Stores Equipment	393	-	-			-	-
34	Tools & Garage Equipment	394	2,818	988			2,818	988
35	Laboratory Equipment	395	-	-			-	-
36	Power Operated Equipment	396	-	-			-	-
37	Communications Equipment	397	7,635	2,977			7,635	2,977
38	Miscellaneous Equipment	398	-	-			-	-
39	Other Tangible Property	399	-	-			-	-
40	Asset Retirement Costs for General Plant	399.1	-	-			-	-
41	Total General Plant	Sum L 29 to L 40	14,956	\$ 5,318	\$ -	\$ -	\$ 14,956	\$ 5,318
42	Total Plant In Service	L 3 + L 14 + L 28 + L 41	\$ 513,993	\$ 586,164	\$ -	\$ -	\$ 513,993	\$ 586,164

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-2**
Witness: **Benjamin S. Yin**
Page **4 of 5**

Plant Retirements

Line No	Description	[1] Account Number	[2] [3] [4] [5] [6] [7]					
			Plant Retirements					
			Per Budget FTY 2018	Per Budget FPFTY 2019	Adjustments FTY 2018	Adjustments FPFTY 2019	Adjusted FTY 2018	Adjusted FPFTY 2019
INTANGIBLE PLANT								
1	Franchise & Consent	302	\$ -	\$ -			\$ -	\$ -
2	Miscellaneous Intangible Plant	303	589	589			589	589
3	Total Intangible Plant	L 1 + L 2	<u>589</u>	<u>589</u>	\$ -	\$ -	<u>589</u>	<u>589</u>
TRANSMISSION PLANT								
4	Land & Land Rights	350	\$ -	\$ -			\$ -	\$ -
5	Structures & Improvements	352	150	150			150	150
6	Station Equipment	353	3,428	3,428			3,428	3,428
7	Towers & Fixtures	354	220	220			220	220
8	Poles & Fixtures	355	141	141			141	141
9	Overhead Conductors & Devices	356	435	435			435	435
10	Underground Conduit	357	-	-			-	-
11	Underground Conductors & Devices	358	350	350			350	350
12	Roads & Trails	359	-	-			-	-
13	Asset Retirement Costs for Transmission Plant	359.1	2	2			2	2
14	Total Transmission Plant	Sum L 4 to L 13	<u>4,727</u>	<u>4,727</u>	\$ -	\$ -	<u>4,727</u>	<u>4,727</u>
DISTRIBUTION PLANT								
15	Land & Land Rights	360	\$ -	\$ -			\$ -	\$ -
16	Structures & Improvements	361	336	336			336	336
17	Station Equipment	362	1,369	1,369			1,369	1,369
18	Poles, Towers & Fixtures	364	3,249	3,249			3,249	3,249
19	Overhead Conductors & Devices	365	5,539	5,539			5,539	5,539
20	Underground Conduit	366	287	287			287	287
21	Underground Conductors & Devices	367	8,097	8,097			8,097	8,097
22	Line Transformers	368	8,067	8,067			8,067	8,067
23	Services	369	430	430			430	430
24	Meters	370	22	22			22	22
25	Installations on Customer Premises	371	-	-			-	-
26	Street Lighting & Signal Systems	373	950	950			950	950
27	Asset Retirement Costs for Distribution Plant	374	23	23			23	23
28	Total Distribution Plant	Sum L 15 to L 27	<u>28,369</u>	<u>28,369</u>	\$ -	\$ -	<u>28,369</u>	<u>28,369</u>
GENERAL PLANT								
29	Land & Land Rights	389	\$ -	\$ -			\$ -	\$ -
30	Structures & Improvements	390	588	588			588	588
31	Office Furniture & Equipment	391	1,936	1,936			1,936	1,936
32	Transportation Equipment	392	-	-			-	-
33	Stores Equipment	393	3	3			3	3
34	Tools & Garage Equipment	394	822	822			822	822
35	Laboratory Equipment	395	-	-			-	-
36	Power Operated Equipment	396	-	-			-	-
37	Communications Equipment	397	1,240	1,240			1,240	1,240
38	Miscellaneous Equipment	398	159	159			159	159
39	Other Tangible Property	399	-	-			-	-
40	Asset Retirement Costs for General Plant	399.1	8	8			8	8
41	Total General Plant	Sum L 29 to L 40	<u>4,756</u>	<u>4,756</u>	\$ -	\$ -	<u>4,756</u>	<u>4,756</u>
42	Total Plant In Service	L 3 + L 14 + L 28 + L 41	<u>\$ 38,441</u>	<u>\$ 38,441</u>	\$ -	\$ -	<u>\$ 38,441</u>	<u>\$ 38,441</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-2**
Witness: **Benjamin S. Yin**
Page **5 of 5**
 UPDATE 7-24-2018

Pro Forma Plant Adjustments

Line No	Description	[1] Account Number	[2] Per Budget December 31 FPFTY 2019	[3] Non-PA Jurisdiction %	[4] Total Pro Forma Adjustments
INTANGIBLE PLANT					
1	Franchise & Consent	302	\$ 163	11.31%	(18)
2	Miscellaneous Intangible Plant	303	189,742		(14,505)
3	Total Intangible Plant	L 1 + L 2	<u>\$ 189,905</u>		<u>(14,524)</u>
TRANSMISSION PLANT					
4	Land & Land Rights	350	\$ 59,802	100.00%	(59,802)
5	Structures & Improvements	352	104,445	100.00%	(104,445)
6	Station Equipment	353	956,469	100.00%	(956,469)
7	Towers & Fixtures	354	277,948	100.00%	(277,948)
8	Poles & Fixtures	355	16,515	100.00%	(16,515)
9	Overhead Conductors & Devices	356	212,298	100.00%	(212,298)
10	Underground Conduit	357	17,078	100.00%	(17,078)
11	Underground Conductors & Devices	358	113,513	100.00%	(113,513)
12	Roads & Trails	359	2,137	100.00%	(2,137)
13	Asset Retirement Costs for Transmission Plant	359.1	(2)	100.00%	2
14	Total Transmission Plant	Sum L 4 to L 13	<u>\$ 1,760,203</u>		<u>(1,760,203)</u>
DISTRIBUTION PLANT					
15	Land & Land Rights	360	\$ 42,884	0.00%	-
16	Structures & Improvements	361	139,261	0.00%	-
17	Station Equipment	362	1,163,133	0.00%	-
18	Poles, Towers & Fixtures	364	754,022	0.00%	-
19	Overhead Conductors & Devices	365	1,341,927	0.00%	-
20	Underground Conduit	366	464,223	0.00%	-
21	Underground Conductors & Devices	367	1,372,757	0.00%	-
22	Line Transformers	368	634,209	0.00%	-
23	Services	369	433,534	0.00%	-
24	Meters	370	346,878	0.00%	-
25	Installations on Customer Premises	371	13,772	0.00%	-
26	Street Lighting & Signal Systems	373	72,548	0.00%	-
27	Asset Retirement Costs for Distribution Plant	374	1,893	0.00%	-
28	Total Distribution Plant	Sum L 15 to L 27	<u>\$ 6,781,042</u>		<u>-</u>
GENERAL PLANT					
29	Land & Land Rights	389	\$ 1,063	11.31%	(120)
30	Structures & Improvements	390	50,112	11.31%	(5,669)
31	Office Furniture & Equipment	391	16,239	11.31%	(1,837)
32	Transportation Equipment	392	-	11.31%	-
33	Stores Equipment	393	40	11.31%	(4)
34	Tools & Garage Equipment	394	34,235	11.31%	(3,873)
35	Laboratory Equipment	395	420	11.31%	(47)
36	Power Operated Equipment	396	-	11.31%	-
37	Communications Equipment	397	162,832	11.31%	(18,421)
38	Miscellaneous Equipment	398	547	11.31%	(62)
39	Other Tangible Property	399	-	11.31%	-
40	Asset Retirement Costs for General Plant	399.1	1,672	11.31%	(189)
41	Total General Plant	Sum L 29 to L 40	<u>\$ 267,160</u>		<u>(30,224)</u>
42	Total Plant In Service	L 3 + L 14 + L 28 + L 41	<u>\$ 8,998,310</u>		<u>\$ (1,804,951)</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-3
Benjamin S. Yin
1 of 4
UPDATE 7-24-2018

Summary of Accumulated Depreciation

Line No	Description	[1] Account Number	[2] Per Budget December 31 FPFTY 2019	[3] Adjustments	[4] Adjusted December 31 FPFTY 2019
1	INTANGIBLE PLANT		\$ (128,532)	\$ 10,051	\$ (118,481)
2	TRANSMISSION PLANT		(530,177)	530,177	-
3	DISTRIBUTION PLANT		(1,847,578)	-	(1,847,578)
4	GENERAL PLANT		(85,057)	9,623	(75,435)
5	ACCUMULATED DEPRECIATION	Sum L 1 to L 7	\$ (2,591,345)	\$ 549,851	\$ (2,041,494)
6	COMPLETED CONSTRUCTION NOT CLASSIFIED		-	-	-
7	OTHER UTILITY PLANT		-	-	-
8	TRANSPORTATION		-	-	-
9	TOTAL ACCUMULATED DEPRECIATION	Sum L 9 to L 11	\$ (2,591,345)	\$ 549,851	\$ (2,041,494)
10	ACCUMULATED AMORTIZATION		-	-	-
11	TOTAL ACC DEPR & AMORTIZATION	L 12 + L 13	<u>\$ (2,591,345)</u>	<u>\$ 549,851</u>	<u>\$ (2,041,494)</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-3**
Witness: **Benjamin S. Yin**
Page **2 of 4**
UPDATE 7-24-2018

Accumulated Provision for Depreciation

Line No	Description	[1] Account Number	[2] Per Budget December 31 FPFTY 2019	[3] Adjustment	[4] Adjusted December 31 FPFTY 2019 [2] + [3]
INTANGIBLE PLANT					
1	Franchise & Consent	302	\$ -	\$ -	\$ -
2	Miscellaneous Intangible Plant	303	(128,532)	10,051	(118,481)
3	Total Intangible Plant	L 1 + L 2	<u>(128,532)</u>	<u>10,051</u>	<u>(118,481)</u>
TRANSMISSION PLANT					
4	Land & Land Rights	350	\$ -	\$ -	\$ -
5	Structures & Improvements	352	(22,417)	22,417	-
6	Station Equipment	353	(204,500)	204,500	-
7	Towers & Fixtures	354	(162,327)	162,327	-
8	Poles & Fixtures	355	(3,041)	3,041	-
9	Overhead Conductors & Devices	356	(86,377)	86,377	-
10	Underground Conduit	357	(5,210)	5,210	-
11	Underground Conductors & Devices	358	(44,243)	44,243	-
12	Roads & Trails	359	(2,064)	2,064	-
13	Asset Retirement Costs for Transmission Plant	359.1	3	(3)	-
14	Total Transmission Plant	Sum L 4 to L 13	<u>(530,177)</u>	<u>530,177</u>	<u>-</u>
DISTRIBUTION PLANT					
15	Land & Land Rights	360	\$ -	\$ -	\$ -
16	Structures & Improvements	361	(40,671)	-	(40,671)
17	Station Equipment	362	(465,114)	-	(465,114)
18	Poles, Towers & Fixtures	364	(157,920)	-	(157,920)
19	Overhead Conductors & Devices	365	(281,578)	-	(281,578)
20	Underground Conduit	366	(166,178)	-	(166,178)
21	Underground Conductors & Devices	367	(208,793)	-	(208,793)
22	Line Transformers	368	(196,182)	-	(196,182)
23	Services	369	(168,597)	-	(168,597)
24	Meters	370	(117,277)	-	(117,277)
25	Installations on Customer Premises	371	(7,907)	-	(7,907)
26	Street Lighting & Signal Systems	373	(35,370)	-	(35,370)
27	Asset Retirement Costs for Distribution Plant	374	(1,990)	-	(1,990)
28	Total Distribution Plant	Sum L 15 to L 27	<u>(1,847,578)</u>	<u>-</u>	<u>(1,847,578)</u>
GENERAL PLANT					
29	Land & Land Rights	389	\$ -	\$ -	\$ -
30	Structures & Improvements	390	(12,482)	1,412	(11,070)
31	Office Furniture & Equipment	391	(7,244)	819	(6,424)
32	Transportation Equipment	392	-	-	-
33	Stores Equipment	393	(4)	0	(4)
34	Tools & Garage Equipment	394	(12,185)	1,378	(10,806)
35	Laboratory Equipment	395	(317)	36	(281)
36	Power Operated Equipment	396	-	-	-
37	Communications Equipment	397	(51,719)	5,851	(45,868)
38	Miscellaneous Equipment	398	(547)	62	(485)
39	Other Tangible Property	399	-	-	-
40	Asset Retirement Costs for General Plant	399.1	(560)	63	(496)
41	Total General Plant	Sum L 29 to L 40	<u>(85,057)</u>	<u>9,623</u>	<u>(75,435)</u>
42	Total Plant In Service	L 3 + L 14 + L 28 + L 41	<u>\$ (2,591,345)</u>	<u>\$ 549,851</u>	<u>\$ (2,041,494)</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-3**
Witness: **Benjamin S. Yin**
Page 3 of 4

Cost of Removal Net of Salvage

Line No	Description	[1] Account Number	[2] Per Budget FPFTY 2019
INTANGIBLE PLANT			
1	Franchise & Consent	302	-
2	Miscellaneous Intangible Plant	303	-
3	Total Intangible Plant	L 1 + L 2	-
TRANSMISSION PLANT			
4	Land & Land Rights	350	-
5	Structures & Improvements	352	295
6	Station Equipment	353	4,158
7	Towers & Fixtures	354	81
8	Poles & Fixtures	355	14
9	Overhead Conductors & Devices	356	136
10	Underground Conduit	357	15
11	Underground Conductors & Devices	358	509
12	Roads & Trails	359	-
13	Asset Retirement Costs for Transmission Plant	359.1	-
14	Total Transmission Plant	Sum L 4 to L 13	5,208
DISTRIBUTION PLANT			
15	Land & Land Rights	360	-
16	Structures & Improvements	361	415
17	Station Equipment	362	3,165
18	Poles, Towers & Fixtures	364	4,837
19	Overhead Conductors & Devices	365	8,089
20	Underground Conduit	366	1,799
21	Underground Conductors & Devices	367	8,591
22	Line Transformers	368	265
23	Services	369	637
24	Meters	370	-
25	Installations on Customer Premises	371	-
26	Street Lighting & Signal Systems	373	54
27	Asset Retirement Costs for Distribution Plant	374	-
28	Total Distribution Plant	Sum L 15 to L 27	27,854
GENERAL PLANT			
29	Land & Land Rights	389	-
30	Structures & Improvements	390	315
31	Office Furniture & Equipment	391	63
32	Transportation Equipment	392	-
33	Stores Equipment	393	-
34	Tools & Garage Equipment	394	3
35	Laboratory Equipment	395	-
36	Power Operated Equipment	396	-
37	Communications Equipment	397	49
38	Miscellaneous Equipment	398	-
39	Other Tangible Property	399	-
40	Asset Retirement Costs for General Plant	399.1	-
41	Total General Plant	Sum L 29 to L 40	430
42	Total Plant In Service	L3 + L14 + L28 + L41	\$ 33,492

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-3
Benjamin S. Yin
4 of 4
UPDATE 7-24-2018

Accumulated Depreciation Adjustments

Line No	Description	[1] Account Number	[2] Per Budget December 31 FPPTY 2019	[3] Non-PA Jurisdiction %	[4] Total Pro Forma Adjustments
INTANGIBLE PLANT					
1	Franchise & Consent	302	\$ -	11.31%	-
2	Miscellaneous Intangible Plant	303	(128,532)		10,051
3	Total Intangible Plant	L 1 + L 2	<u>\$ (128,532)</u>		<u>10,051</u>
TRANSMISSION PLANT					
4	Land & Land Rights	350	\$ -	100.00%	-
5	Structures & Improvements	352	(22,417)	100.00%	22,417
6	Station Equipment	353	(204,500)	100.00%	204,500
7	Towers & Fixtures	354	(162,327)	100.00%	162,327
8	Poles & Fixtures	355	(3,041)	100.00%	3,041
9	Overhead Conductors & Devices	356	(86,377)	100.00%	86,377
10	Underground Conduit	357	(5,210)	100.00%	5,210
11	Underground Conductors & Devices	358	(44,243)	100.00%	44,243
12	Roads & Trails	359	(2,064)	100.00%	2,064
13	Asset Retirement Costs for Transmission Plant	359.1	3	100.00%	(3)
14	Total Transmission Plant	Sum L 4 to L 13	<u>\$ (530,177)</u>		<u>530,177</u>
DISTRIBUTION PLANT					
15	Land & Land Rights	360	\$ -	0.00%	-
16	Structures & Improvements	361	\$ (40,671)	0.00%	-
17	Station Equipment	362	\$ (465,114)	0.00%	-
18	Poles, Towers & Fixtures	364	\$ (157,920)	0.00%	-
19	Overhead Conductors & Devices	365	\$ (281,578)	0.00%	-
20	Underground Conduit	366	\$ (166,178)	0.00%	-
21	Underground Conductors & Devices	367	\$ (208,793)	0.00%	-
22	Line Transformers	368	\$ (196,182)	0.00%	-
23	Services	369	\$ (168,597)	0.00%	-
24	Meters	370	\$ (117,277)	0.00%	-
25	Installations on Customer Premises	371	\$ (7,907)	0.00%	-
26	Street Lighting & Signal Systems	373	\$ (35,370)	0.00%	-
27	Asset Retirement Costs for Distribution Plant	374	\$ (1,990)	0.00%	-
28	Total Distribution Plant	Sum L 15 to L 27	<u>\$ (1,847,578)</u>		<u>-</u>
GENERAL PLANT					
29	Land & Land Rights	389	\$ -	11.31%	-
30	Structures & Improvements	390	\$ (12,482)	11.31%	1,412
31	Office Furniture & Equipment	391	\$ (7,244)	11.31%	819
32	Transportation Equipment	392	\$ -	11.31%	-
33	Stores Equipment	393	\$ (4)	11.31%	0
34	Tools & Garage Equipment	394	\$ (12,185)	11.31%	1,378
35	Laboratory Equipment	395	\$ (317)	11.31%	36
36	Power Operated Equipment	396	\$ -	11.31%	-
37	Communications Equipment	397	\$ (51,719)	11.31%	5,851
38	Miscellaneous Equipment	398	\$ (547)	11.31%	62
39	Other Tangible Property	399	\$ -	11.31%	-
40	Asset Retirement Costs for General Plant	399.1	\$ (560)	11.31%	63
41	Total General Plant	Sum L 29 to L 40	<u>\$ (85,057)</u>		<u>9,623</u>
42	Total Plant In Service	L 3 + L 14 + L 28 + L 41	<u>\$ (2,591,345)</u>		<u>\$ 549,851</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-4**
Witness: **Benjamin S. Yin**
Page **1 of 10**
 UPDATE 7-24-2018

Working Capital Summary

[1]

[2]

Line No	Description	FPFTY 2019	Reference
1	Operating & Maintenance Expenses	\$ 93,653	C-4 Page 2
2	Accrued Taxes	59,573	C-4 Page 6
3	Interest Payments	(11,329)	C-4 Page 8
4	Average Prepayments	7,018	C-4 Page 9
5	Total Working Capital Requirement	<u>\$ 148,915</u>	

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-4
Benjamin S. Yin
2 of 10
UPDATE 7-24-2018

Detail of Working Capital Summary

Line No	Description	[1] Reference	[2] FPFTY 2019 Expenses	[3] Factor C-4 Page 4 Col 5	[4] (Lead) / Lag Dollar Amounts [2] * [3]	[5] Totals
WORKING CAPITAL REQUIREMENT						
1	REVENUE LAG DAYS	Page 3				47.25
	EXPENSE LAG DAYS					
2	Payroll (Dist only)	D-6 & C-4	\$ 146,785	16.00	\$ 2,348,562	
3	Pension Expense	D-9 & C-4	13,055	-167.00	(2,180,222)	
4	Commodity Purchased - [A]	D-2 & C-4	603,580	35.71	21,552,836	
5	Commodity Purchased - [B]	B-3 & C-4	4,968	12.50	62,104	
6	PJM Transmission Purchased - By-passable	D-3 & C-4	64,504	12.50	806,299	
7	PJM Transmission Purchased - Non By-passable	D-3 & C-4	107,714	12.50	1,346,430	
8	Other Expenses	L23 - L2 to L7	422,981	37.63	15,916,769	
9	Sub - Total O&M	Sum L2 to L8	<u>\$ 1,363,588</u>		<u>\$ 39,852,779</u>	
10	POR Payments to EGS	Page 10	1,062,743	38.21	40,605,518	
11	Total O&M and POR Payments		<u>\$ 2,426,331</u>		<u>\$ 80,458,297</u>	
12	O & M Expense/POR Payment Lag Days	L11, [4] / [2]				33.16
13	Net (Lead) Lag Days	L1 - L12				14.09
14	Operating Expenses Per Day	L11, [2] / 365				<u>\$ 6,647</u>
15	Working Capital for O & M Expense	L 13 * L 14				\$ 93,653
16	Average Prepayments	C-4 Page 9				7,018
17	Accrued Taxes	C-4 Page 6				59,573
18	Interest Payments	C-4 Page 8				(11,329)
19	Total Working Capital Requirement	Sum (L15 to L18)				<u>\$ 148,915</u>
20	Pro Forma O & M Expense		\$ 1,400,311			
	Less:					
21	Uncollectible Expense		(36,723)			
22	Sub-Total		<u>(36,723)</u>			
23	Pro Forma Cash O&M Expense	L20 + L22	<u>\$ 1,363,588</u>			

[A] Contract Purchases of Electricity - All Except [B]
[B] Spot Market Purchases of Electricity - 1% of Total Residential Requirement

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-4
Benjamin S. Yin
3 of 10

Revenue Lag

Line No	Description	[1] Reference Or Factor	[2] Accounts Receivable Balance End of Month	[3] Total Monthly Billing Revenue (A)	[4] A/R Turnover [3] / [2]	[5] Days Lag L1 / L17 [4]
1	Annual Number of Days					<u>365</u>
2	December, 2016		\$ 270,126			
3	January, 2017		329,966	329,844		
4	February		332,132	281,728		
5	March		301,152	263,667		
6	April		302,067	246,439		
7	May		260,081	223,206		
8	June		273,784	258,967		
9	July		333,081	331,204		
10	August		295,554	318,108		
11	September		255,677	268,092		
12	October		227,365	261,345		
13	November		200,617	230,187		
14	December, 2017		253,603	276,513		
15	Total	Sum L2 to L14	<u>\$3,635,204</u>			
16	Average A/R Balance	<u>13</u>				
17	Factor		<u>\$279,631</u>	<u>\$ 3,289,298</u>	<u>11.76</u>	<u>31.04</u>
18	Collection Days Lag (L17 [5])					31.04
19	Billing and Revenue Recording days lag					1.000
20	Billing Lag (Average Period)		365	/	12 *	0.5 =
21	Total Revenue Lag Days	Sum L18 to L20				<u>47.25</u>

(A) Monthly billing revenue includes revenues PECO billed for suppliers

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-4
Benjamin S. Yin
4 of 10

Summary of Expense Lag Calculations

Line No	Description	[1] Reference Or Factor	[2] Amount	[3] (Lead) / Lag Days	[4] Weighted Dollar Value [2] * [3]	[5] (Lead) / Lag Days [4] / [2]
<u>PAYROLL</u>						
1	Union & Non-Union Payroll		\$ 141,732			
2	Paid Bi-Weekly with nine-day lag (14 days / 2 + 9 days)			16.00		
3	Weighted Payroll Dollar Value				\$ 2,267,718	
4	Payroll Lag	Sum L1 to L3	<u>\$ 141,732</u>		<u>\$ 2,267,718</u>	<u>16.00</u>
<u>PENSION PAYMENTS</u>						
5	Payment	01/15/19	\$ 23,757	(167.0)	\$ (3,967,419)	
6	Sub-Total		<u>\$ 23,757</u>		<u>\$ (3,967,419)</u>	
7	Mid-point of Service Period	07/01/19				
8	Lag Days for Pension Payment	L6 [4] / [2]				<u>(167.00)</u>
<u>PURCHASE Electric COSTS</u>						
9	Payment Lag - Contract Purchases			C-4 Pg 10		<u>35.71</u>
10	Payment Lag - Spot Market/PJM Transmission Purchases			C-4 Pg 10		<u>12.50</u>
11	Payment Lag - POR Payment to EGS			C-4 Pg 10		<u>38.21</u>
<u>OTHER O & M EXPENSES</u>						
12	DECEMBER 2016	C-4 Page 5	16,078,647		621,303,630	
13	MARCH 2017	C-4 Page 5	14,808,344		525,064,241	
14	JUNE 2017	C-4 Page 5	22,968,377		869,858,852	
15	SEPTEMBER 2017	C-4 Page 5	15,570,406		595,927,465	
16	TOTAL		<u>\$ 69,425,774</u>		<u>\$ 2,612,154,188</u>	<u>37.63</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 C-4
 Benjamin S. Yin
 5 of 10

General Disbursements lag

Line No	Description	[1] Number of CDs	[2] Cash Disbursements	[3] Dollar-Days	[4] Expense Lag-Days [3]/[2]
DECEMBER 2016					
1	Total Disbursements for Month	20,171	\$ 107,601,263		
2	Total Disbursements for Expenses	1,339	\$ 16,078,647	\$ 621,303,630	38.64
MARCH 2017					
3	Total Disbursements for Month	17,532	\$ 126,469,124		
4	Total Disbursements for Expenses	1,221	\$ 14,808,344	\$ 525,064,241	35.46
JUNE 2017					
5	Total Disbursements for Month	22,088	\$ 110,892,671		
6	Total Disbursements for Expenses	1,316	\$ 22,968,377	\$ 869,858,852	37.87
SEPTEMBER 2017					
7	Total Disbursements for Month	18,338	\$ 114,570,700		
8	Total Disbursements for Expenses	1,234	\$ 15,570,406	\$ 595,927,465	38.27
TOTAL FOUR TEST MONTHS					
9	Total Test Month Expense Disbursement	5,110	\$ 69,425,774	\$ 2,612,154,188	37.63

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 C-4
 Benjamin S. Yin
 6 of 10
 UPDATE 7-24-2018

Tax Expense Working Capital

Line No	Description	[1] Reference	[2] Adjusted Proposed Rate Amount	[3] Net Revenue Lag-Days	[4] Accrued Taxes [2] * [3]
1	Federal Income Taxes		\$ 57,792	8.75	\$ 505,676
2	State Income Taxes		24,254	16.50	400,184
3	PURTA Taxes		5,286	107.25	566,909
4	PA Property Taxes		4,357	77.25	336,616
5	Gross Receipts Tax		128,405	155.25	19,934,877
6	Total	Sum L1 to L54			<u>\$ 21,744,263</u>
7	Days in Year				<u>365</u>
8	Average Daily Amount for Working Capital	L6 / L7			<u>\$ 59,573</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit BSY-5
Schedule C-4
Witness: Benjamin S. Y
Page 7 of 10
UPDATE 7-24-2018

Tax Expense - Lag Days

Line No	Description	[1] Payment Dates	[2] Mid-Point of Service Period	[3] Lead (Lag) Payment Days [1] - [2]	[4] Payment Amount	[5] Weighted Lead (Lag) Dollars [3] * [4]	[6] Payment Lead (Lag) Days [5] / [4]	[7] Revenue (Lag) Days C-4, Pg3	[8] Net Payment Lead (Lag) Days [6] + [7]
1	FEDERAL INCOME TAX	25%			\$ (57,792)				
2	First Payment	4/15/2019	07/01/19	77.00	\$ (14,448)	(1,112,488)			
3	Second Payment	6/17/2019	07/01/19	14.00	(14,448)	(202,271)			
4	Third Payment	9/16/2019	07/01/19	(77.00)	(14,448)	1,112,488			
5	Fourth Payment	12/16/2019	07/01/19	(168.00)	(14,448)	2,427,247			
6	Total				\$ (57,792)	\$ 2,224,977	(38.50)	47.25	8.75
7	STATE INCOME TAX	25%			\$ (24,254)				
8	First Payment	03/15/19	07/01/19	108.00	\$ (6,063)	(654,846)			
9	Second Payment	06/17/19	07/01/19	14.00	(6,063)	(84,887)			
10	Third Payment	09/16/19	07/01/19	(77.00)	(6,063)	466,881			
11	Fourth Payment	12/16/19	07/01/19	(168.00)	(6,063)	1,018,650			
12	Total				\$ (24,254)	745,797	(30.75)	47.25	16.50
13	PURTA				\$ 5,286				
14	Payment	5/2/2019	07/01/19	60.00	\$ 5,286	317,152	60.00	47.25	107.25
15	PA PROPERTY TAX	100%			\$ 4,357				
16	Payment	06/01/19	07/01/19	30.00	\$ 4,357	130,725			
17	Total				\$ 4,357	130,725	30.00	47.25	77.25
18	Gross Receipts Tax								
19	Payment	3/15/2019	07/01/19	108.00	\$ 120,162	12,977,483	108.00	47.25	155.25

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
C-4
Benjamin S. Yin
 8 of 10
UPDATE 7-24-2018

Interest Payments

Line No	Description	[1] Reference	[2] No. of Days In The Year	[3] Number of Days	[4] Total
1	Measures of Value at	December 31, 2019			\$ 4,845,819
2	Long-term Debt Ratio				46.61%
3	Embedded Cost of Long-term Debt				4.16%
4	Pro forma Interest Expense	L1* L2* L3			<u>\$ 93,983</u>
5	Daily Amount	L4 / L5 [2]	365		\$ 257
6	Days to mid-point of interest payments			91.25	
7	Less: Revenue Lag Days			47.25	
8	Interest Payment lag days	L7 - L6			(44.0)
9	Total Interest for Working Capital	L5 * L8			<u>\$ (11,329)</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **C-4**
Witness: **Benjamin S. Yin**
Page 9 of 10

Average Prepaid Expense

Line No	Description	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]
		TOTAL	ELECTRIC	DISTRIBUTION ELECTRIC			ELECTRIC & GAS					ELECTRIC DIST & GAS		
			EPRI Dues	Prepaid Rents & Pole Attachments	EEI Dues	PUC Assessment Electric	Business Support Systems	VEBA Adjustment	Facilities Contracts	IT Service Contracts	Fleet Activities	Land Leasing	Customer & Research	Postage
1	December, 2016	6,740	\$ -	\$ 393	\$ 0	\$ 4,055	\$ -	\$ 798	\$ 38	\$ 712	\$ 294	\$ 28	\$ 81	\$ 341
2	January, 2017	8,199	-	731	599	3,379	852	798	211	526	301	27	28	745
3	February	8,055	395	599	545	2,703	694	798	188	693	304	27	460	648
4	March	7,446	395	516	490	2,027	535	606	165	1,302	311	27	327	744
5	April	6,562	395	373	436	1,352	475	606	143	1,518	321	27	495	422
6	May	5,498	264	238	381	676	416	606	120	1,569	320	27	350	530
7	June	8,852	264	181	327	5,200	356	145	98	1,163	295	27	202	595
8	July	8,955	264	647	272	4,340	297	145	75	1,164	293	26	669	762
9	August	7,679	132	502	218	3,848	238	145	52	937	271	26	715	594
10	September	10,038	132	438	163	6,127	178	358	106	1,017	275	26	568	651
11	October	9,171	132	479	109	5,446	119	358	83	904	277	26	705	533
12	November	8,188	-	362	54	4,765	159	358	61	857	304	26	572	670
13	December, 2017	6,605	-	241	0	4,084	22	(0)	38	625	310	26	676	583
14	TOTAL	<u>\$ 101,988</u>	<u>\$ 2,373</u>	<u>\$ 5,699</u>	<u>\$ 3,594</u>	<u>\$ 48,002</u>	<u>\$ 4,342</u>	<u>\$ 5,719</u>	<u>\$ 1,379</u>	<u>\$ 12,988</u>	<u>\$ 3,877</u>	<u>\$ 345</u>	<u>\$ 5,851</u>	<u>\$ 7,818</u>
15	Distribution Pct	Exp Factor	88.69%	100.00%	100.00%	100.00%	100.00%	69.876%	69.876%	69.876%	69.876%	76.714%	76.714%	76.714%
16	Distribution Amt	L 14 * L 15	<u>\$ 2,105</u>	<u>\$ 5,699</u>	<u>\$ 3,594</u>	<u>\$ 48,002</u>	<u>\$ 4,342</u>	<u>\$ 3,996</u>	<u>\$ 964</u>	<u>\$ 9,076</u>	<u>\$ 2,709</u>	<u>\$ 265</u>	<u>\$ 4,488</u>	<u>\$ 5,997</u>
17	Number of Months	13												
18	Monthly Average	L 16 / L 17	<u>\$ 162</u>	<u>\$ 438</u>	<u>\$ 276</u>	<u>\$ 3,692</u>	<u>\$ 334</u>	<u>\$ 307</u>	<u>\$ 74</u>	<u>\$ 698</u>	<u>\$ 208</u>	<u>\$ 20</u>	<u>\$ 345</u>	<u>\$ 461</u>
19	Rate Case Amount	<u>\$ 7,018</u>												
	Sum L18													

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-4
Benjamin S. Yin
10 of 10

Electric Energy Purchase / POR Lag

Line No	Description	[1] Midpoint of Prior Month Service Period To End of Month	[2] Payment Date Month After Service Period	[3] Additional Weekend or Holidays Extending Payment Date	[4] Total Working Capital Lag Days	[5] Average
Contract Purchases in 2019						
1	January	15.50	19.00	2.00	36.50	
2	February	15.50	19.00	1.00	35.50	
3	March	14.00	19.00	1.00	34.00	
4	April	15.50	19.00	3.00	37.50	
5	May	15.00	19.00	1.00	35.00	
6	June	15.50	19.00	1.00	35.50	
7	July	15.00	19.00	3.00	37.00	
8	August	15.50	19.00	1.00	35.50	
9	September	15.50	19.00	1.00	35.50	
10	October	15.00	19.00	2.00	36.00	
11	November	15.50	19.00	1.00	35.50	
12	December	15.00	19.00	1.00	35.00	
13	Average Payment Lag Days					35.71
		Service Period	Units	Service Period # of Days	Lag Days	Total
Spot Market Purchases in 2019 and PJM Transmission Purchased						
14	Service Period Weekly	Wed to Tues	Days	7.00		
15	Days from Midpoint to End of Service				3.50	
16	Payment Due on Friday of each Week				9.00	
17	Total Payment Lag Days					12.50
		Payment Lag Days	Revenue Percentage	Weighted Lag Days	Lag Days	Total
POR Program						
18	Residential	25.00	40%	9.99		
19	Commercial and Industrial	20.00	60%	12.01		
20	Weighted Payment Lag Days				22.00	
21	Billing and Revenue Recording days lag				1.00	
22	Billing Lag (Average Period)				15.21	
23	Total Payment Lag Days					38.21

PECO Energy Company
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year - 12 Months Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
C-5
Benjamin S. Yin
 1 of 1

Pension Assets / (Liabilities)

Line No	Description	[1] Reference	[2] Total Amounts	[3] Allocation Factor	[4] Distribution Capital Amount
1	Balance at 12/31/2017 - Total		\$ 340,268		
2	Activities in 2018 - Total		3,528		
3	Activities in 2019 - Total		11,217		
4	Balance at 12/31/2019 - Total	Sum L 1 to L 3	<u>\$ 355,013</u>		
5	Allocation % to Electric Distribution Capital			<u>26.8%</u>	
6	Balance at 12/31/2019 - Distribution Capital	[2] L 4 * [3] L 5			<u><u>\$ 95,200</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page **1** of **1**

BSY-5
C-6
Benjamin S. Yin

Accumulated Deferred Income Taxes

Line No	Description	[1] Reference	[2] Total Amount	[3] Percent to Distribution	[4] Electric Distribution Amount	[5] Total
Accumulated Deferred Income Tax - A/C # 282						
Balance at the end of 2017						
1	Electric Distribution		\$ 956,123	100.000%	\$ 956,123	
2	Electric Common - a/c # 282		4,844	88.687%	4,296.37	
3	Common Plant		26,037	69.876%	18,194	
4	Software - Common		-	69.876%	-	
5	ADIT on CIAC		(36,969)	100.000%	(36,969)	
6	ADIT on OPEB Contribution Limitation		(99,299)	100.000%	(99,299)	
7	NOL		(2)	69.876%	(1)	
8	Tax Reform - Adjust Deferrals		(336,502)	100.000%	(336,502)	
9	Total Balance at the End of 2017	Sum [4] L 1 to L 8				<u>\$ 505,842</u>
Activities in 2018						
10	Electric Distribution		\$ 23,189	100.000%	\$ 23,189	
11	ADIT on CIAC		(3,496)	100.000%	(3,496)	
12	ADIT on OPEB Contribution Limitation		2,252	100.000%	2,252	
13	NOL		2	69.876%	<u>1</u>	
14	Total Activities in 2018	Sum [4] L 10 to L 13				<u>\$ 21,946</u>
Activities in 2019						
15	Electric Distribution		\$ 11,031	100.000%	\$ 11,031	
16	ADIT on CIAC		(3,496)	100.000%	(3,496)	
17	ADIT on OPEB Contribution Limitation		2,111	100.000%	2,111	
18	NOL		-	69.876%	<u>-</u>	
19	Total Activities in 2019	Sum [4] L 15 to L 18				<u>\$ 9,645</u>
20	Balance at December 31, 2019	L 9 + L14 + L 19				<u>\$ 537,434</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ending December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-7
Benjamin S. Yin
1 of 1

Customer Deposits

[1]

[2]

Line No	Description	Reference Or Factor	Total
1	December, 2016		\$ 47,424
2	January, 2017		48,997
3	February		49,158
4	March		49,704
5	April		50,120
6	May		50,386
7	June		50,756
8	July		50,904
9	August		51,218
10	September		51,368
11	October		51,634
12	November		52,832
13	December, 2017		52,959
14	Total	Sum L 1 to L 13	<u>\$ 657,460</u>
15	Average Monthly Balance	13	<u>\$ 50,574</u>
<u>Electric Deposits By Customer Classification</u>			
16	HTY 2017 - Residential		\$ 20,735
17	- Small C&I		26,667
18	- Large C&I		3,170
19	- Street Lighting		2
20	Total	Sum L 16 to L 19	<u>\$ 50,574</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ending December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 C-8
 Benjamin S. Yin
 1 of 1

Common Plant

Line No	Description	Reference	[1] Total Amount	[2] Percent to Distribution	[3] Electric Distribution Amount [1] * [2]
Common Plant at December 31, 2018					
1	Land		\$ 6,920		
2	Organization		677		
3	Software		270,330		
4	General Plant		524,858		
5	Other		(0)		
6	Sub-total	L1 to L5	\$ 802,786	69.876%	\$ 560,959
7	Activity for 2019		\$ 60,100	69.876%	\$ 41,996
8	Total Common Plant at December 31, 2019	L6 + L7	<u>\$ 862,886</u>		<u>\$ 602,954</u>
Common Plant Accumulated Depreciation at December 31, 2018					
9	Land		\$ (137)		
10	Software		(196,077)		
11	General Plant		(163,046)		
12	Other				
13	Sub-total	L9 to L12	\$ (359,260)	69.876%	\$ (251,038)
14	Activity for 2019		\$ (36,882)	69.876%	\$ (25,772)
15	Total Accumulated Depreciation at December 31, 2019	L13 + L14	<u>\$ (396,141)</u>		<u>\$ (276,810)</u>
Net Common Plant					
16	Net Common Plant	[1] L8 + L15	<u>\$ 466,744</u>		
17	Allocation Factor			<u>69.876%</u>	
18	Total Net Common Plant for Electric	[3] L8 + L15			<u>\$ 326,144</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2017
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
C-9
Benjamin S. Yin
1 of 1

Customer Advances for Construction

[1]

[2]

Line No	Description	Reference	Total Test Year Amount
1	December, 2016		426
2	January, 2017		325
3	February		300
4	March		300
5	April		857
6	May		784
7	June		666
8	July		1,953
9	August		1,501
10	September		1,615
11	October		1,645
12	November		1,725
13	December, 2017		374
14	Total	Sum L 1 to L 13	<u>\$ 12,471</u>
15	Average Monthly Balance	L 14 / 13	<u>\$ 959</u>

PECO - Electric Operations
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

**Exhibit
Schedule
Witness:
Page**

**BSY-5
C-10
Benjamin S. Yin**
1 of 1

Unamortized AMR Investment

Line No	Description	[1] Reference	[2] Amount	[3] Balance
1	AMR Unamortized Balance as of 12/31/17			\$ 34,652
2	Remaining Life until 2020	In years	3	
3	Annual Amortization of AMR in 2018	L 1 / L 2	11,551	
4	AMR Unamortized Balance as of 12/31/18	L 1 - L 3		\$ 23,101
5	Annual Amortization of AMR in 2019	L 3	11,551	
6	AMR Unamortized Balance as of 12/31/19	L 4 - L 5		\$ 11,551

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 C-11
 Benjamin S. Yin
 1 of 1

Materials and Supplies

Line No	Description	Reference	[1] Materials & Supplies	[2] Undistributed Stores Expense	[3] Total
1	December, 2016		\$ 13,377	\$ (0)	
2	January, 2017		13,295	254	
3	February		15,091	143	
4	March		15,853	0	
5	April		15,846	(75)	
6	May		15,975	(211)	
7	June		16,474	0	
8	July		16,790	(110)	
9	August		16,716	490	
10	September		17,008	0	
11	October		16,260	(184)	
12	November		16,562	(72)	
13	December, 2017		16,982	-	
14	Total	Sum L1 to L13	<u>\$ 206,227</u>	<u>\$ 235</u>	
15	Distribution Expense Allocation Factor		<u>100.00%</u>	<u>69.876%</u>	
16	Allocation to Distribution	L14 * L15	<u>\$ 206,227</u>	<u>\$ 164</u>	
17	Average Monthly Balance	L16 / 13	<u>\$ 15,864</u>	<u>\$ 13</u>	<u>\$ 15,876</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 C-12
 Benjamin S. Yin
 1 of 1

Accumulated Deferred Income Taxes - Reg Liability

Line No	Description	[1] Reference	[2] Total Amount	[3] Percent to Distribution	[4] Electric Distribution Amount	[5] Total
Accumulated Deferred Income Tax - Reg Liability						
Balance at the end of 2017						
1	Property Related		\$ 367,334	100.00%	\$ 367,334	
2	OPEB Related		(30,157)	100.00%	(30,157)	
3	NOL		(675)	100.00%	(675)	
4	Total Balance at the End of 2017	Sum [4] L1 to L3				<u>\$ 336,502</u>
Activities in 2018						
5	Property Related		16,916	100.00%	\$ 16,916	
6	OPEB Related		(6,031)	100.00%	\$ (6,031)	
7	NOL		(17)	100.00%	<u>\$ (17)</u>	
8	Total Activities in 2018	Sum [4] L5 to L7				<u>\$ 10,868</u>
Activities in 2019						
9	Property Related		16,916	100.00%	\$ 16,916	
10	OPEB Related		(6,031)	100.00%	\$ (6,031)	
11	NOL		(17)	100.00%	<u>\$ (17)</u>	
12	Total Activities in 2019	Sum [4] L9 to L11				<u>\$ 10,868</u>
13	Balance at December 31, 2019	L4 - L8 - L12				<u><u>\$ 314,766</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-1
Benjamin S. Yin
1 of 1
UPDATE 7-24-2018

Net Operating Income and Revenue Increase At Proposed Rates

Line No	Description	Factor Or Reference	[1] Pro Forma FPFTY 2019 Present Rates	[2] Revenue Increase	[3] Pro Forma FPFTY 2019 Proposed Rates
BASE CUSTOMER CHARGES AT CURRENT RATES					
1	Customer & Distribution Revenue		\$ 1,295,197	\$ -	\$ 1,295,197
2	Electric Supply & Cost Adjustment Revenue		653,769	-	653,769
3	Other Revenues		219,302	603	219,905
4				139,714	139,714
5	Total operating revenues	Sum L1 to L4	<u>\$ 2,168,268</u>	<u>\$ 140,317</u>	<u>\$ 2,308,585</u>
6	Tax Reform Benefit to Customers		\$ (70,623)	\$ -	\$ (70,623)
BASE CUSTOMER CHARGES with TAX REFORM BENEFIT					
7	Customer & Distribution Revenue	L 1 + L 6	\$ 1,224,574	\$ -	\$ 1,224,574
8	Electric Supply & Cost Adjustment Revenue		653,769	-	653,769
9	Other Revenues		219,302	603	219,905
10	Revenue Increase			139,714	139,714
11	Total operating revenues	Sum L7 to L10	<u>\$ 2,097,645</u>	<u>\$ 140,317</u>	<u>\$ 2,237,963</u>
OPERATING EXPENSES					
12	Power Supply		\$ 608,548	\$ -	\$ 608,548
13	Transmission Expense		172,218	-	172,218
14	Regional Market		-	-	-
15	Distribution Expense		299,336	-	299,336
16	Total Customer Accounts		79,175	-	79,175
17	Uncollectible Accounts	0.8857%	36,723	1,237	37,960
18	Total Customer Service & Information		12,062	-	12,062
19	Total Sales		883	-	883
20	Administrative & General	0.3557%	191,366	497	191,863
21	Depreciation & Amortization Expense		220,358	-	220,358
22	Amortization of Regulatory Expense		14,675	-	14,675
23	Taxes other than income taxes	5.9000%	140,719	8,243	148,962
24	Other		-	-	-
25	Total operating expenses	Sum L12 to L24	<u>\$ 1,776,064</u>	<u>\$ 9,978</u>	<u>\$ 1,786,041</u>
26	Net operating income Before Income Tax	L11 - L25	\$ 321,582	\$ 130,340	\$ 451,922
Income Taxes					
27	Pro Forma Income Tax At Present Rates		\$ 36,976		\$ 36,976
28	Pro Forma Income Tax on Revenue Increase			37,658	37,658
29	Net Operating Income	L26 - L27 - L28	<u>\$ 284,606</u>	<u>\$ 92,682</u>	<u>\$ 377,288</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-2
Benjamin S. Yin
1 of 1
UPDATE 7-24-2018

Adjusted Net Operating Income At Present Rates

Line No	Description	Account Number	[1] Budget FPFTY 2019	[2] Adjustments	[3] Adjusted Present Rates FPFTY 2019
BASE CUSTOMER CHARGES AT CURRENT RATES					
1	Residential	440	\$ 1,447,858	\$ (56,003)	\$ 1,391,856
2	C & I Small	442	348,899	(18,657)	330,241
3	C & I Large	442	234,928	(37,589)	197,339
4	Railroads & Railways	444	9,387	(1,722)	7,665
5	Street Lighting	446	20,906	(108)	20,798
6	Inter-Company		1,068	-	1,068
7	Transmission - All Classes		185,615	-	185,615
8	Forfeited Discounts	450	9,406	-	9,406
9	Miscellaneous Service Revenues	451	3,794	-	3,794
10	Rent For Electric Property	454	17,832	0	17,832
11	Decommissioning Payment		(3,860)	-	(3,860)
12	Other Electric Revenues	456.1	6,514	-	6,514
13	Transmission of Electricity for Others		-	-	-
14	Total operating revenues	Sum L1 to L13	<u>\$ 2,282,347</u>	<u>\$ (114,079)</u>	<u>\$ 2,168,268</u>
TAX REFORM BENEFIT TO CUSTOMERS					
15	Residential	440	\$ (46,359)		(46,359)
16	C & I Small	442	(12,875)		(12,875)
17	C & I Large	442	(9,916)		(9,916)
18	Railroads & Railways	444	(458)		(458)
19	Street Lighting	446	(1,014)		(1,014)
	Total operating revenues	Sum L15 to L19	<u>\$ (70,623)</u>		<u>\$ (70,623)</u>
BASE CUSTOMER CHARGES with TAX REFORM BENEFIT					
20	Residential	440	\$ 1,401,499	\$ (56,003)	\$ 1,345,497
21	C & I Small	442	336,024	(18,657)	317,366
22	C & I Large	442	225,012	(37,589)	187,423
23	Railroads & Railways	444	8,929	(1,722)	7,207
24	Street Lighting	446	19,892	(108)	19,784
25	Inter-Company		1,068	-	1,068
26	Transmission - All Classes		185,615	-	185,615
27	Forfeited Discounts	450	9,406	-	9,406
28	Miscellaneous Service Revenues	451	3,794	-	3,794
29	Rent For Electric Property	454	17,832	-	17,832
30	Decommissioning Payment		(3,860)	-	(3,860)
31	Other Electric Revenues	456.1	6,514	-	6,514
32	Transmission of Electricity for Others		-	-	-
33	Total operating revenues	Sum L20 to L32	<u>\$ 2,211,725</u>	<u>\$ (114,079)</u>	<u>\$ 2,097,645</u>
OPERATING EXPENSES					
34	Power Supply		\$ 608,548	\$ -	\$ 608,548
35	Transmission Expense		172,218	-	172,218
36	Regional Market		-	-	-
37	Distribution Expense		279,921	19,415	299,336
38	Total Customer Accounts		74,347	4,828	79,175
39	Uncollectible Accounts	0.8857%	25,065	11,658	36,723
40	Total Customer Service & Information		100,796	(88,734)	12,062
41	Total Sales		864	18	883
42	Administrative & General	0.3557%	181,392	9,974	191,366
43	Depreciation & Amortization Expense		209,132	11,226	220,358
44	Amortization of Regulatory Expense		18,439	(3,764)	14,675
45	Taxes other than income taxes	5.9000%	147,607	(6,887)	140,719
46	Other		-	-	-
47	Total operating expenses	Sum L34 to L46	<u>\$ 1,818,330</u>	<u>\$ (42,266)</u>	<u>\$ 1,776,064</u>
48	Net Operating Income - BIT	L33 - L47	<u>\$ 393,395</u>	<u>\$ (71,813)</u>	<u>\$ 321,582</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page
BSY-5
D-3
Benjamin S. Yin
1 of 2
UPDATE 7-24-2018
[9]

Line No	Description	Account Number	Budget FPFTY 2019	Adjustments to Net Operating Income							IPA Recovery	Sub-Total Proforma
				[1]	[2]	[3]	[4]	[5]	[6]	[7]		
				Adjustments								
				Revenues	Salaries & Wages	Rate Case Normalization	Employee Benefits	Pension	Uncollectibles		Sum [1] to [8]	
				D-5	D-6	D-7	D-8	D-9	D-10	D-11		
BASE CUSTOMER CHARGES with TAX REFORM BENEFIT												
CUSTOMER & DISTRIBUTION REVENUE												
1	Residential	440	\$ 873,512	\$ (56,003)							\$ 817,510	
2	C & I Small	442	243,671	(18,657)							225,014	
3	C & I Large	442	192,521	(37,589)							154,932	
4	Railroads & Railways	444	8,929	(1,722)							7,207	
5	Street Lighting	446	19,184	(108)							19,076	
6	Inter-Company		836	-							836	
7	Transmission - All Classes		185,615	-							185,615	
ELECTRIC COST REVENUE												
8	Residential	440	527,987	-							527,987	
9	C & I Small	442	92,352	-							92,352	
10	C & I Large	442	32,491	-							32,491	
11	Railroads & Railways	444	-	-							-	
12	Street Lighting	446	708	-							708	
13	Inter-Company		232	-							232	
14	Forfeited Discounts	450	9,406	-							9,406	
15	Miscellaneous Service Revenues	451	3,794	-							3,794	
16	Rent For Electric Property	454	17,832	-							17,832	
17	Decommissioning Payment		(3,860)	-							(3,860)	
18	Other Electric Revenues	456.1	6,514	-							6,514	
19	Transmission of Electricity for Others		-	-							-	
20	Total operating revenues	Sum L1 to L19	\$ 2,211,725	\$ (114,079)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,097,645	
OPERATING EXPENSES												
21	Power Supply		\$ 608,548								\$ 608,548	
22	Transmission Expense		172,218								172,218	
23	Regional Market		-								-	
24	Distribution Expense		279,921		2,429					3,647	285,997	
25	Total Customer Accounts		74,347		1,010						75,357	
26	Uncollectible Accounts		25,065						11,658		36,723	
27	Total Customer Service & Information		100,796		42						100,838	
28	Total Sales		864		18						883	
29	Administrative & General		181,392		1,554	867	144	7,409			191,366	
30	Depreciation & Amortization Expense		209,132								209,132	
31	Amortization of Regulatory Expense		18,439								18,439	
32	Taxes other than income taxes		147,607								147,607	
33	Other		-								-	
34	Total operating expenses	Sum L21 to L33	\$ 1,818,330	\$ -	\$ 5,053	\$ 867	\$ 144	\$ 7,409	\$ 11,658	\$ 3,647	\$ 1,847,108	
35	Net operating income Before Income Tax	L20 - L34	\$ 393,395	\$ (114,079)	\$ (5,053)	\$ (867)	\$ (144)	\$ (7,409)	\$ (11,658)	\$ (3,647)	\$ 250,537	

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-3
Benjamin S. Yin
2 of 2
UPDATE 7-24-2018
[18]

Line No	Description	Account Number	[10] From Page 1 Sub-total	Adjustments to Net Operating Income						[17] Depreciation Annualization	TOTAL Adjusted Sum [11] to [18]
				[11] Interest on Cust Deposits D-12	[12] Storm Recovery Normalization D-13	[13] OPEN D-14	[14] Energy Efficiency Program D-5F	[15] Costs To Achieve D-15	[16] Taxes Other Than Income D-16		
BASE CUSTOMER CHARGES with TAX REFORM BENEFIT											
36	CUSTOMER & DISTRIBUTION REVENUE										
37	Residential	440	\$ 817,510							\$ 817,510	
38	C & I Small	442	225,014							225,014	
39	C & I Large	442	154,932							154,932	
40	Railroads & Railways	444	7,207							7,207	
41	Street Lighting	446	19,076							19,076	
42	Inter-Company		836							836	
43	Transmission - All Classes		185,615							185,615	
ELECTRIC COST REVENUE											
44	Residential	440	527,987							527,987	
45	C & I Small	442	92,352							92,352	
46	C & I Large	442	32,491							32,491	
47	Railroads & Railways	444	-							-	
48	Street Lighting	446	708							708	
49	Inter-Company		232							232	
50	Forfeited Discounts	450	9,406							9,406	
51	Miscellaneous Service Revenues	451	3,794							3,794	
52	Rent For Electric Property	454	17,832							17,832	
53	Decommissioning Payment		(3,860)							(3,860)	
54	Other Electric Revenues	456	6,514							6,514	
55	Transmission of Electricity for Others		-							-	
56	Total operating revenues	Sum L36 to L55	2,097,645	-	-	-	-	-	-	2,097,645	
OPERATING EXPENSES											
58	Power Supply		\$ 608,548							\$ 608,548	
59	Transmission Expense		172,218							172,218	
60	Regional Market		-							-	
61	Distribution Expense		285,997		13,339					299,336	
62	Total Customer Accounts		75,357	1,258		-		2,560		79,175	
63	Uncollectible Accounts		36,723							36,723	
64	Total Customer Service & Information		100,838				(88,776)			12,062	
65	Total Sales		883							883	
66	Administrative & General		191,366							191,366	
67	Depreciation & Amortization Expense		209,132						11,226	220,358	
68	Amortization of Regulatory Expense		18,439				(3,764)			14,675	
69	Taxes other than income taxes		147,607						(6,887)	140,719	
70	Other		-							-	
71	Total operating expenses	Sum L58 to L70	\$ 1,847,108	\$ 1,258	\$ 13,339	\$ -	\$ (92,540)	\$ 2,560	\$ (6,887)	\$ 11,226	
72	Net operating income Before Income Tax	L56 - L71	\$ 250,537	\$ (1,258)	\$ (13,339)	\$ -	\$ 92,540	\$ (2,560)	\$ 6,887	\$ (11,226)	

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-4**
Witness: **Benjamin S. Yin**
Page **1 of 2**

Summary of Adjustments by FERC Account

Line No	Description	[1] Account Number	[2] Budget FPFTY 2019	[3] Adjustments	[4] Pro Forma Adjusted
CUSTOMER & DISTRIBUTION REVENUE					
1	Residential		\$ 873,512	\$ (56,003)	\$ 817,510
2	C & I Small		243,671	(18,657)	225,014
3	C & I Large		192,521	(37,589)	154,932
4	Railroads & Railways		8,929	(1,722)	7,207
5	Street Lighting		19,184	(108)	19,076
6	Inter-Company		836	-	836
7	Transmission - All Classes		185,615	-	185,615
8	Cust Chg & Distrib Revenue	Sum L1 to L7	<u>\$ 1,524,268</u>	<u>\$ (114,079)</u>	<u>\$ 1,410,189</u>
ELECTRIC COST REVENUE					
9	Residential		\$ 527,987	-	\$ 527,987
10	C & I Small		92,352	-	92,352
11	C & I Large		32,491	-	32,491
12	Railroads & Railways		-	-	-
13	Street Lighting		708	-	708
14	Inter-Company		232	-	232
15	Revenue for Cost of Electric	Sum L9 to L14	<u>\$ 653,769</u>	<u>\$ -</u>	<u>\$ 653,769</u>
Other Revenue					
16	Forfeited Discounts		9,406	-	9,406
17	Miscellaneous Service Revenues		3,794	-	3,794
18	Rent For Electric Property		17,832	-	17,832
19	Decommissioning Payment		(3,860)	-	(3,860)
20	Other Electric Revenues		6,514	-	6,514
21	Transmission of Electricity for Others		-	-	-
22	Other Revenue	Sum L16 to L21	<u>\$ 33,687</u>	<u>\$ -</u>	<u>\$ 33,687</u>
23	Total Operating Revenue	L8 + L15 + L22	<u>\$ 2,211,725</u>	<u>\$ (114,079)</u>	<u>\$ 2,097,645</u>
POWER SUPPLY EXPENSES					
24	Purchased Power	555	\$ 608,548	\$ -	\$ 608,548
25	Other	0	-	-	-
26	Total Power Supply	L24 + L25	<u>\$ 608,548</u>	<u>\$ -</u>	<u>\$ 608,548</u>
TRANSMISSION EXPENSE					
<u>Operation</u>					
27	Operation & Supervision	560	\$ -	\$ -	\$ -
28	Load Dispatching	561	-	-	-
29	Scheduling, System Control & Dispatch	561.4	89,105	-	89,105
30	Transmission Service Studies	561.6	-	-	-
31	Generation Service Studies	561.7	-	-	-
32	Reliability, Planning & Standard Development	561.8	83,113	-	83,113
33	Station Expense	562	-	-	-
34	Overhead Lines	563	-	-	-
35	Underground Lines Expense	564	-	-	-
36	Miscellaneous Expense	566	-	-	-
37	Rents	567	-	-	-
38	Total Transmission Operation Expense	Sum L27 to L37	<u>\$ 172,218</u>	<u>\$ -</u>	<u>\$ 172,218</u>
<u>Maintenance</u>					
39	Maintenance of Structures	569	\$ -	\$ -	\$ -
40	Maintenance of Computer Hardware	569.1	-	-	-
41	Maintenance of Computer Software	569.2	-	-	-
42	Maintenance of Communication Equipment	569.3	-	-	-
43	Maintenance of Station Equipment	570	-	-	-
44	Maintenance Overhead Lines	571	-	-	-
45	Maintenance of Underground Lines	572	-	-	-
46	Maintenance of Misc Transmission Plant	573	-	-	-
47	Total Transmission Maintenance	Sum L39 to L46	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
48	Total Transmission Expense	L38 + L47	<u>\$ 172,218</u>	<u>\$ -</u>	<u>\$ 172,218</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-4
Benjamin S. Yin
2 of 2
UPDATE 7-24-2018

Summary of Adjustments by FERC Account

Line No	Description	[1] Account Number	[2] Budget FPPTY 2019	[3] Adjustments	[4] Pro Forma Adjusted
REGIONAL MARKET EXPENSES					
49	Market Facilitation, Monitoring & Compliance	575.7	\$ -	\$ -	\$ -
50	Other	0	-	-	-
51	Total Regional Market	Sum L49 to L50	\$ -	\$ -	\$ -
DISTRIBUTION EXPENSE					
<u>Operations</u>					
52	Operation & Supervision	580	\$ 385	\$ 9	\$ 394
53	Load Dispatching	581	\$ 46	\$ -	\$ 46
54	Station Expense	582	3,763	1	3,764
55	Overhead Lines Expenss	583	8,268	53	8,321
56	Underground Lines Expense	584	7,451	70	7,521
57	Meter Expenses	586	10,905	73	10,978
58	Customer Installations Expense	587	8,499	144	8,643
59	Miscellaneous Expense	588	52,348	215	52,563
60	Rents	589	197	-	197
61	Total Distribution Operations	Sum L52 to L60	\$ 91,861	\$ 566	\$ 92,427
<u>Maintenance</u>					
62	Maintenance - Energy Efficiency Programs		\$ -	\$ -	\$ -
63	Maintenance of Structures	591	7,299	42	7,342
64	Maintenance of Station Equipment	592	18,935	202	19,136
65	Maintenance of Overhead Lines	593	105,195	14,362	119,557
66	Maintenance of Underground Lines	594	34,445	494	34,939
67	Maintenance of Line Transformers	595	1,614	10	1,624
68	Maintenance of Street Lighting & Signal Systems	596	1,826	3	1,830
69	Maintenance of Misc. Distribution	598	18,745	88	18,834
70	Total Distribution Maintenance	Sum L62 to L69	\$ 188,060	\$ 15,202	\$ 203,262
71	Total Distribution Expense	L61 + L71	\$ 279,921	\$ 15,768	\$ 295,689
CUSTOMER ACCOUNTS					
72	Supervision	901	\$ -	\$ -	\$ -
73	Meter Reading	902	571	1	572
74	Customer Records and Collection	903	70,155	978	71,133
75	Uncollectible Accounts	904	25,065	11,658	36,723
76	Miscellaneous Customer Accounts	905	3,621	4,936	8,557
77	Total Customer Accounts	Sum L72 to L76	\$ 99,412	\$ 17,573	\$ 116,985
CUSTOMER SERVICE & INFORMATION					
78	Customer Assistance	908	\$ 99,762	\$ (88,734)	\$ 11,028
79	Informational & Instructional	909	885	-	885
80	Miscellaneous Customer & Informational	910	149	0	149
81	Total Customer Service & Information	Sum L78 to L80	\$ 100,796	\$ (88,734)	\$ 12,062
SALES					
82	Demonstrating & Selling	912	\$ 864	\$ 18	\$ 883
83	Miscellaneous Sales	916	-	-	-
84	Total Sales	L82 + L83	\$ 864	\$ 18	\$ 883
ADMINISTRATION & GENERAL - General					
<u>Operation</u>					
85	Administrative and General Salaries	920	\$ 39,223	\$ 1,464	\$ 40,687
86	Office Supplies and Expenses	921	8,660	0	8,660
87	Administrative Expenses Transferred-Credit	922	-	-	-
88	Outside Service Employed	923	78,545	2,560	81,105
89	Property Insurance	924	185	-	185
90	Injuries and Damages	925	9,851	53	9,904
91	Employee Pensions and Benefits	926	25,064	7,554	32,618
92	Franchise Requirements	927	-	-	-
93	Regulatory Commission Expenses	928	11,817	867	12,684
94	Duplicate Charges-Credit	929	(1,496)	-	(1,496)
95	General Advertising Expenses	930.1	-	-	-
96	Miscellaneous General Expenses	930.2	3,013	0	3,013
97	Rents	931	-	-	-
98	A & G Operation Expenses	Sum L85 to L97	\$ 174,862	\$ 12,498	\$ 187,360
<u>Maintenance</u>					
99	Maintenance of General Plant	935	6,530	36	6,566
100	Total Administrative & General	L98 + L99	\$ 181,392	\$ 12,534	\$ 193,926
101	TOTAL O&M EXPENSES	L26 + L48 +L51 + L71 + L77 + L81 + L84 L98 + L99	\$ 1,443,152	\$ (42,841)	\$ 1,400,311

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-5**
Witness: **Benjamin S. Yin**
Page **1 of 1**

Revenue Adjustments Summary

Line No	Description	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
		Account Number	2019 Budget Before Tax Reform	Tax Reform Benefit	2019 Budget With Tax Reform	Revenue Annualization D-5A	CAP Rev Credit D-5B	Act 129 Load Reduction D-5C	Energy Efficiency Adjustment D-5D	Tax Repair Catch-up Adjustment D-5E	Leap Year Adj to Pres Rates D-5F	OPEN	Proforma Adjusted At Present Rates SUM [2] to [9]
CUSTOMER & DISTRIBUTION REVENUE													
1	Residential	440	\$ 919,871	\$ (46,359)	\$ 873,512	\$ 2,812	\$ 188	\$ (12,344)	\$ (47,138)	\$ -	\$ 479		\$ 817,510
2	C & I Small	442	256,546	(12,875)	243,671	234		(3,021)	(15,870)	-			225,014
3	C & I Large	442	202,437	(9,916)	192,521	-		(3,676)	(33,913)	-			154,932
4	Railroads & Railways	444	9,387	(458)	8,929				(1,722)	-			7,207
5	Street Lighting	446	20,199	(1,014)	19,184			(28)	(80)	-			19,076
6	Inter-Company		836		836					-			836
7	Transmission - All Classes		185,615		185,615								185,615
8	Cust Chg & Distrib Revenue		1,594,891	(70,623)	1,524,268	3,045	188	(19,069)	(98,723)	-	479	-	1,410,189
ELECTRIC COST REVENUE													
9	Residential		527,987		527,987								527,987
10	C & I Small		92,352		92,352								92,352
11	C & I Large		32,491		32,491								32,491
12	Railroads & Railways		-		-								-
13	Street Lighting		708		708								708
14	Inter-Company		232		232								232
15	Transmission - All Classes		-		-								-
16	Revenue for Cost of Electric		653,769	-	653,769	-	-	-	-	-	-	-	653,769
17	Test Year STAS Revenue - Reclass												-
18	Total Customer Revenue		2,248,661	(70,623)	2,178,038	3,045	188	(19,069)	(98,723)	-	479	-	2,063,959
19	Sales For Resale	447	-		-								-
20													-
21	Forfeited Discounts	450	9,406		9,406								9,406
22	Miscellaneous Service Revenues	451	3,794		3,794								3,794
23	Rent For Electric Property	454	17,832		17,832								17,832
24	Decommissioning Payment		(3,860)		(3,860)								(3,860)
25	Other Electric Revenues	456.1	6,514		6,514								6,514
26	Transmission of Electricity for Others		-		-								-
27	Total Revenues		2,282,347	(70,623)	2,211,725	3,045	188	(19,069)	(98,723)	-	479	-	2,097,645
28	Other												
29	TOTAL REVENUES		\$ 2,282,347	\$ (70,623)	\$ 2,211,725	\$ 3,045	\$ 188	\$ (19,069)	\$ (98,723)	\$ -	\$ 479	\$ -	\$ 2,097,645

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-5A
Benjamin S. Yin
1 of 1

Revenue Annualization

Line No	Description	[1]	[2]	[3]	[4]	[5]
		Residential	Residential Heating	Small C&I	Large C&I	Total
1	Total Test Year Revenues	\$ 1,144,033	\$ 257,467	\$ 336,024	\$ 225,012	\$ 1,962,535
2	Commodity Billings in Revenues	(418,108)	(109,879)	(92,352)	(32,491)	(652,830)
3	Distribution Revenue Surcharge	<u>(35,358)</u>	<u>(8,968)</u>	<u>(12,689)</u>	<u>(27,796)</u>	<u>(84,812)</u>
4	Revenues net of Commodity - Margin L1 + L2 + L3	<u>\$ 690,566</u>	<u>\$ 138,620</u>	<u>\$ 230,982</u>	<u>\$ 164,725</u>	<u>\$ 1,224,892</u>
5	Average Monthly Customers in TY	<u>1,300,575</u>	<u>187,297</u>	<u>151,768</u>	<u>3,111</u>	<u>1,642,750</u>
6	Average Annual Margin Per Customer L4 / L5	<u>\$ 0.531</u>	<u>\$ 0.740</u>	<u>\$ 1.522</u>	<u>\$ 52.949</u>	<u>\$ 0.746</u>
7	Number of Customers at End of Year	<u>1,304,915</u>	<u>187,982</u>	<u>151,921</u>	<u>3,111</u>	<u>1,647,929</u>
8	Increase in Customers during TY L7 - L5	<u>4,341</u>	<u>685</u>	<u>153</u>	<u>-</u>	<u>5,179</u>
9	Annualization of Revenue L6 * L8	<u>\$ 2,305</u>	<u>\$ 507</u>	<u>\$ 234</u>	<u>\$ -</u>	<u>\$ 3,045</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-5B
Benjamin S. Yin
 1 of 1

CAP Revenue Credits and Adjustments

Line No	Description	[1] Factor or Reference	[2] Amount	[3] Sub-Total	[4] Total
1	CAP Discount Included in TY Budget		\$ (66,781)		
<u>ANNUALIZATON TO YEAR END CUSTOMERS</u>					
2	Average Monthly CAP Customer in TY	L1 / L2	115,487		
3	Average Annual CAP Discount per Customer		(0.578)		
4	Number of CAP Customer at End of Year	L4 - L2	115,040		
5	Increase of CAP Customer during TY		(447)		
6	Gross Decrease / (Increase) in CAP Discount	L3 * L5		258	
7	Reflect impact in write-offs and Working Cap	27.0%		(70)	
8	Net Decrease / (Increase) in CAP Discount for Test Year	L6 + L7			<u><u>188</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-5C**
Witness: **Benjamin S. Yin**
Page **1 of 1**

Act 129 - Lost Revenue Due To Load Reduction

Line No	Description	[1] Reference	[2] 2019 Revenue Loss	[3] 2020 & 2021 Revenue Loss	[4] 2020 & 2021 Revenue Loss Over 2019	[6] Recovery of Incremental Revenue Loss
Revenue Impact in 2019 -- Included in Test Year Budget						
1	Residential		\$ (8,961)			
2	Residential Heating		(1,944)			
3	Small C & I		(1,673)			
4	Large C & I		(1,993)			
5	Street Lighting		(19)			
6	Total	Sum L1 to L5	<u>\$ (14,590)</u>			
Target Revenue Impact in 2020						
7	Residential			\$ (15,243)		
8	Residential Heating			(3,307)		
9	Small C & I			(3,420)		
10	Large C & I			(4,411)		
11	Street Lighting			(38)		
12	Total	Sum L7 to L11		<u>\$ (26,418)</u>		
13	Residential	L7 - L1			\$ (6,282)	
14	Residential Heating	L8 - L2			(1,363)	
15	Small C & I	L9 - L3			(1,747)	
16	Large C & I	L10 - L4			(2,417)	
17	Street Lighting	L11 - L5			(19)	
18	Total	Sum L13 to L17			<u>\$ (11,828)</u>	
Target Revenue Impact in 2021						
19	Residential			\$ (23,006)		
20	Residential Heating			(4,942)		
21	Small C & I			(5,968)		
22	Large C & I			(6,928)		
23	Street Lighting			(56)		
24	Total	Sum L19 to L23		<u>\$ (40,901)</u>		
Incremental Revenue Impact Over 2019 Budget						
25	Residential	L19 - L1			\$ (14,045)	
26	Residential Heating	L20 - L2			(2,998)	
27	Small C & I	L21 - L3			(4,295)	
28	Large C & I	L22 - L4			(4,935)	
29	Street Lighting	L23 - L5			(38)	
30	Total	Sum L25 to L29			<u>\$ (26,310)</u>	
Average Annual Incremental Revenue Not in Budget						
31	Residential	(L13 + L25)/2				\$ (10,164)
32	Residential Heating	(L14 + L26)/2				(2,180)
33	Small C & I	(L15 + L27)/2				(3,021)
34	Large C & I	(L16 + L28)/2				(3,676)
35	Street Lighting	(L17 + L29)/2				(28)
36	Total	L31 to L35				<u>\$ (19,069)</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-5D
Benjamin S. Yin
 1 of 1

Energy Efficiency Program Cost Recovery Adjustments

[1]

[2]

Line No	Description	Reference	Amounts
1	Residential		\$ (37,527)
2	Residential Heating		(9,611)
3	Small C & I		(15,870)
4	Large C & I		(33,913)
5	Railroad		(1,722)
6	Street Lighting		(80)
7	Inter-Company		<hr/>
8	Reduction in Retail Revenue	Sum L1 to L7	(98,723)
9	O & M Expense		\$ (88,776)
10	Amortization Expense		(3,764)

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-5E**
Witness: **Benjamin S. Yin**
 Page 1 of 1

Tax Repair Credit Refund Adjustment

[1]

Line No	Description	Factor or Reference	Budget Amounts
1	Residential		-
2	Residential Heating		-
3	Small C & I		-
4	Large C & I		-
5	Railroad		-
6	StreetLighting		-
7	Total Gross Revenue	Sum L1 to L6	<hr/> - <hr/>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 D-5F
 Benjamin S. Yin
 1 of 1

Leap Year Revenue Normalization

Line No	Description	[1] February Distribution Rev	[2] Number of Days in February	[3] Average Number of Days in Feb	[4] Days Variance [3] - [2]	[5] Change in Revenue [1] / [2] * [4]
KWhs Based Distribution Revenue						
1	Residential	\$ 41,165	28	28.25	0.25	\$ 368
2	Residential Heating	12,505	28	28.25	0.25	112
3	Total	<u>\$ 53,670</u>				<u>\$ 479</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-6
Benjamin S. Yin
1 of 2

Salaries & Wages Adjustment Summary

Line No	Description	[1] Reference	[2] Distribution Jurisdiction FPFTY 2019	[3] Other	[4] Payroll As Distributed	[5] Pro Forma Payroll Adjustment	[6] Total Pro Forma Payroll
OPERATIONS							
1	POWER SUPPLY EXPENSES		\$ -		\$ -	\$ -	\$ -
2	TRANSMISSION EXPENSE		-		-	-	-
3	REGIONAL MARKET EXPENSES		-		-	-	-
4	DISTRIBUTION EXPENSE		15,868		15,868	566	16,433
5	CUSTOMER ACCOUNTS		28,324		28,324	1,010	29,334
6	CUSTOMER SERVICE & INFORMATION		1,177		1,177	42	1,219
7	SALES		518		518	18	537
8	ADMINISTRATION & GENERAL - General		42,567		42,567	1,518	44,085
9	Total Operations	Sum L1 to L8	88,455	-	88,455	3,153	91,608
MAINTENANCE							
10	TRANSMISSION EXPENSE		-		-	-	-
11	DISTRIBUTION EXPENSE		52,268		52,268	1,863	54,132
12	ADMINISTRATION & GENERAL - General		1,010		1,010	36	1,046
13	Total Maintenance	Sum L10 to L14	53,278	-	53,278	1,899	55,177
14	Total Direct Payroll	L9 + L15	141,732	-	141,732	\$ 5,053	\$ 146,785
15	Percent Increase	L16, C5 / C4					3.565%

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-6
Benjamin S. Yin
2 of 2

Details of Salaries & Wages Adjustments

Line No	Description	[1] Reference	[2] Employees With Raises on		[4] Total	[5] Amount	[6] Amount	[7] Pro Forma Total Payroll
			Union 1-Jan	Non-Union 1-Mar				
1	Number of Employees @ December 31, 2017		956	930	1,886			
2	Percentage of Employees @ December 31, 2017		50.7%	49.3%	100.0%			
3	Pro Forma Percent for FPFTY 2019		51.0%	49.0%	100.0%			
4	Distribution of Budget S&W Expense		\$ 72,284	\$ 69,449			\$ 141,732	
Annualize March 1, 2019 Wage Increase								
5	Number of Months		0	2				
6	Rate for Increase		2.50%	2.50%				
7	Total Adjustment	L4 * L5 * L6 /12	-	289		\$ 289		
8	Sub-Total	L4 + L7	72,284	69,738				
Annualize January 1 and March 1, 2020 Wage Increase								
9	Number of Months		12	12				
10	Rate for Increase		2.50%	2.50%				
11	Total Adjustment	L8 * L9 * L10 /12	\$ 1,807	\$ 1,743		3,551		
Normalize One-Time Contract Payment to Union								
12	Total Portion of Payment to Electric Expense		\$ 1,127	72.979%	\$ 822			
13	Normalize over Union Contract Period				6			
14	Annual Normalized Amount					137		
15	Annualized S&W Adjustment	L7 + L11 + L14					\$ 3,977	
16	Annualized S&W for Budgeted Employees						\$ 145,709	
Total Employees								
17	Number of Employees @ December 31, 2019			1,898				
18	Average Number of Employees in Budget				1,884			
19	Annualization for Number of Employees	L17 - L18				14		
20	Annual S & W per Employee	L16 [6] / L18 [4]				\$ 77		
21	Annualization of S & W For New Employees	L19 * L20					1,076	
22	Pro Forma Test Year S&W	L16 + L21					\$ 146,785	
23	Pro Forma Increase in S&W	L22 - L4					\$ 5,053	
24	Pro Forma Percent for FPFTY 2019	L23 / L4						3.565%

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-7
Benjamin S. Yin
 1 of 1

Rate Case Expense Normalization

Line No	Description	[1] Reference or Factor	[2] Amount	[3] Sub-Total	[4] Total
EXPENDITURES UP TO DECEMBER 31, 2017					
1	External Consultants		\$ -		
2	External Legal		159		
3	Materials, IT Costs, Travel, Copies, Etc.		<u>-</u>		
4	Total Recorded @ December 31, 2017	Sum L1 to L3		\$ 159	
EXPENDITURES IN 2018					
5	External Consultants		\$ 58		
6	External Legal		1,583		
7	Materials, IT Costs, Travel, Copies, Etc.		<u>800</u>		
8	Sub-Total	Sum L5 to L7		<u>\$ 2,441</u>	
<u>TOTAL EXPENDITURES FOR RATE FILING</u>					
9	TOTAL COSTS	L4 + L8			<u>\$ 2,600</u>
10	Normalized over 3 years	<u>3</u>			<u>\$ 867</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-8
Benjamin S. Yin
 1 of 1

Adjustments for Employee Benefits

Line No	Description	[1] Reference	[2] Amount	[3] Amount	[4]	[5] Total
<u>EMPLOYEE BENEFITS</u>						
1	Total Benefits Expensed		\$ 19,490			
2	Number of Employees for Budget		1,884			
3	Budget Expense Per Employee	L1 / L2		\$ 10		
4	Additional Employees for Annualization	L21		14		
5	Total Benefits Pro Forma Adjustment	L3 * L4				\$ 144
		<u>Reference</u>			Number of Full Time Employees	Number of Full Time Equivalent
<u>NUMBER OF EMPLOYEES</u>						
6	Employees at					
7	1/31/2019				1,880	
8	2/28/2019				1,881	
9	3/31/2019				1,873	
10	4/30/2019				1,872	
11	5/31/2019				1,869	
12	6/30/2019				1,879	
13	7/31/2019				1,877	
14	8/31/2019				1,875	
15	9/30/2019				1,904	
16	10/31/2019				1,901	
17	11/30/2019				1,899	
18	12/31/2019				1,898	
19	Employees at	12/31/2019				1,898
20	Average Employee Numbers					1,884
21	Average Employees to Year End Employees	[2] L19 - L20				<u>13.9</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 201
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-9
Benjamin S. Yin
 1 of 1

Adjustments for Pension

Line No	Description	[1] Reference	[2] Amount	[3] Amount	[4] Total
<u>PENSION COSTS</u>					
1	Pension Contribution in (per Towers Watson)				
2		2015	\$ 40,421		
3		2016	29,781		
4		2017	23,545		
5		2018	23,898		
6		2019	23,757		
7	Average Pension Contribution	Sum (L2 to L6) / 5	\$ 28,280		
8	Percent to Electric Distribution		<u>72.98%</u>		
9	Total Amount to Electric Distribution	L7 * L8	\$ 20,639		
10	Pension Capitalization Factor		<u>36.74%</u>		
11	Pension Contribution To Be Capitalized	L9 * L10	\$ 7,584		
12	Pension Contribution To Be Expensed	L9 - L11		\$ 13,055	
13	2019 Distribution Pension Expense Budget			\$ 5,646	
14	Additional Pension Expense	L12 - L13			<u>\$ 7,409</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 D-10
 Benjamin S. Yin
 1 of 1

Uncollectible Accounts

Line No	Description	[1] Reference Or Factor	[2] Total Charge-off Amounts	[3] InPA Charge Off Amounts	[4] Net Charge Off Amounts	[5] Billed Revenue	[6] Percent [4] / [5]	[7] Total
NET GENERAL UNCOLLECTIBLE ACCOUNTS								
1	2015		39,120	\$ -	\$ 39,120	\$ 3,570,291	1.1000%	
2	2016		30,746	\$ 187	\$ 30,559	\$ 3,529,660	0.8700%	
3	2017		29,212	\$ 6,876	\$ 22,336	\$ 3,289,298	0.6800%	
4	Three Year Average Sum (Line 1 to Line 3) / 3	3		\$ 2,355	\$ 30,672	\$ 3,463,083	0.8857%	
5	FPFTY 2019 Tariff Revenue - Non Shopping Revenue					2,162,682		
6	FPFTY 2019 Tariff Revenue - Shopping Revenue					1,062,743		
7	FPFTY 2019 Tariff Revenue - Including Shopping Revenue					<u>3,225,425</u>		
8	Total General Pro Form Uncollectible Accounts	L7 * L4 [4]						<u>\$ 28,568</u>
NET PPA UNCOLLECTIBLE ACCOUNTS								
					PPA			
9	2015				\$ 10,279			
10	2016				\$ 8,788			
11	2017				<u>\$ 5,398</u>			
12	Three Year Average PPA Average (L9 to L11)							<u>\$ 8,155</u>
13	Total Pro Forma Uncollectible Accounts	L8 + L12						\$ 36,723
14	FPFTY 2019 Budget							\$ 25,065
15	Total Pro Forma Adjustment for Uncollectible Accounts	L13 - L14						<u>\$ 11,658</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-11
Benjamin S. Yin
1 of 1

InPA Balance Recovery

Line No	Description	[1] Factor or Reference	[2] Amount	[3] Balance
1	InPA Starting Balance at Program Inception (10/1/16)			\$ 30,101
2	Eligible 2/3 Recovery Balance as of 10/1/16	L1 * 2/3		\$ 20,067
Year 2016 Activity				
3	Base Distribution Collection		\$ 2,000	
4	Total 2016 Recovery	Sum L3	\$ 2,000	
5	Eligible Recovery Balance as of 12/31/16	L2 - L4		\$ 18,067
Year 2017 Activity				
6	Base Distribution Collection		\$ 2,000	
7	Universal Service Fund Correction Factor		(1,353)	
8	Cash Payments from CAP InPA Customers		1,777	
9	InPA Charge-off Recovery Match		-	
10	Total 2017 Recovery	Sum L6 to L9	\$ 2,425	
11	Eligible Recovery Balance as of 12/31/17	L5 - L10		\$ 15,642
Year 2018 Activity				
12	Base Distribution Collection		\$ 2,000	
13	Universal Service Fund Correction Factor		(676)	
14	Cash Payments from CAP InPA Customers		1,600	
15	InPA Charge-off Recovery Match		1,777	
16	Total 2017 Recovery	Sum L12 to L15	\$ 4,701	
17	Eligible Recovery Balance as of 12/31/18	L11 - L16		\$ 10,941
18	Eligible Recovery Balance as of 1/1/19	L17		\$ 10,941
19	Annualized 2019 Base Distribution Rate Amount	L17 / 3		\$ 3,647

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ending December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-12
Benjamin S. Yin
1 of 1

Interest On Customer Deposit

Line No	Description	[1] Interest Rate	[2] Deposit Amount	[3] Interest Sub-Total	[4] Interest Total
<u>Residential Customer Deposits</u>					
1	Monthly Interest Rate	<u>0.333%</u>			
2	<u>2019 -- January</u>		\$ 66		
3	-- February		66		
4	-- March		67		
5	-- April		68		
6	-- May		69		
7	-- June		70		
8	-- July		70		
9	-- August		71		
10	-- September		71		
11	-- October		72		
12	-- November		73		
13	-- December		73		
14	Total Residential		<u> </u>	\$ 836	
<u>Commercial & Industrial Customer Deposits</u>					
15	Monthly Interest Rate	<u>0.118%</u>			
16	<u>2019 -- January</u>		\$ 34		
17	-- February		34		
18	-- March		35		
19	-- April		35		
20	-- May		35		
21	-- June		35		
22	-- July		35		
23	-- August		35		
24	-- September		35		
25	-- October		35		
26	-- November		37		
27	-- December		37		
28	Total C&I		<u> </u>	\$ 422	
29	Interest on Customer Deposits	L 14 + L 28		<u> </u>	<u>\$ 1,258</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-13
Benjamin S. Yin
1 of 1
UPDATE 7-24-2018

Storm Expense Normalization

Line No	Description	[1] Tri-State CPI Factor	[2] Inflation Factor	[3] Expense In Year	[4] Amount For Average	[5] Total
		[A]				
1	4/1/2013 - 3/31/2014	0.01036	1.08221	\$ 69,614	\$ 75,337	
2	4/1/2014 - 3/31/2015	0.01044	1.07112	\$ 23,017	24,654	
3	4/1/2015 - 3/31/2016	(0.00071)	1.06006	\$ 27,551	29,206	
4	4/1/2016 - 3/31/2017	0.01082	1.06081	\$ 12,694	13,466	
5	4/1/2017 - 3/31/2018	0.01330	1.04945	\$ 60,780	\$ 63,786	
6	2018	0.01408	1.03568			
7	2019	0.02130	1.02130			
8						
9	Average Storm Restoration Expense at 2019 cost levels					\$ 41,290
10	FPFTY 2019 Budget					27,951
11	Pro Forma Adjustment for Storm Expense Normalization					\$ 13,339

[A] Based on Philadelphia-Camden-Wilmington, PA-NJ-DE-MD metropolitan Statistical Ares

**PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)**

**Exhibit
Schedule
Witness:
Page**

**BSY-5
D-14
Benjamin S. Yin
1 of 1**

OPEN

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-15**
Witness: **Benjamin S. Yin**
Page **1 of 1**

Cost To Achieve

Line No	Description	[1] Reference Or Factor	[2] Total CTA Amounts
<u>Cost To Achieve</u>			
1	2016		\$ 4,243
2	2017		2,972
3	2018		<u>465</u>
4	Total CTA To Be Recovered	Sum L1 - L3	\$ 7,680
5	Annual CTA Recovery	L4 / 3	<u><u>\$ 2,560</u></u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page

BSY-5
D-16
Benjamin S. Yin
1 of 3

Taxes Other Than Income Adjustment Summary

Line No	Description	[1] Percentage or Reference	[2] Electric Budget FPFTY 2019	[3] Transmission Elimination	[4] Distribution Budget FPFTY 2019	[5] Pro Forma Adjustments	[6] Pro Forma Tax Expense FPFTY 2019
1	PURTA Taxes	19.171%	\$ 6,540	\$ (1,254)	\$ 5,286	\$ -	\$ 5,286
2	Capital Stock	19.171%	-	-	-	-	-
3	PA & Local Use taxes	19.171%	433	(83)	350	-	350
4	PA Property Taxes	19.171%	5,391	(1,034)	4,357	-	4,357
5	PA Corp Loan Tax	19.171%	-	-	-	-	-
6	Philadelphia BIRT	19.171%	-	-	-	-	-
7	Local Privilege Tax	19.171%	-	-	-	-	-
8	Gross Receipts Tax		127,413		127,413	(7,251)	120,162
9	Payroll Tax	11.313%	11,501	(1,301)	10,200	364	10,564
10	Other						
11							
12	Total	Sum L1 to L10	<u>\$ 151,278</u>	<u>\$ (3,671)</u>	<u>\$ 147,607</u>	<u>\$ (6,887)</u>	<u>\$ 140,719</u>
13	Taxes Other Than Income - Distribution						<u>\$ 140,719</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-16
Benjamin S. Yin
 2 of 3

Payroll Tax Adjustments

Line No	Description	[1] Account Number	[2] Budget FPFTY 2019	[3] Pro Forma Adjustments	[4] Increase in Payroll Taxes
1	Total Payroll Charged to Expense		\$ 141,732	\$ 5,053	
2	Social Security Expense		10,200		
3	Social Security Expense - Percent	L2 / L1	7.20%	7.20%	
4	Pro Forma Adjustment for Payroll Tax	[3] L1 * L3			\$ 364

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
 Page

BSY-5
D-16
Benjamin S. Yin
 3 of 3

Gross Receipt Tax

Line No	Description	[1] Reference	[2] Pro Forma Test Year Amount	[3] Amount	[4] Total
<u>GROSS RECEIPTS TAX PRO FORMA AT PRESENT RATE</u>					
1	Residential		\$ 1,345,497		
2	Commercial & Industrial		504,789		
3	Railroads & Railways		7,207		
4	Street Lighting & Highway		19,784		
5	Interdepartmental Sales		1,068		
6	Transmission		185,615		
7	Sub-Total	Sum L1 to L6	\$ 2,063,959		
8	Forfeited Discounts		9,406		
9	Bad Debts		(36,723)		
10	Sub- Total	L8 + L9		(27,317)	
11	TOTAL TEST YEAR @ Present Rates	L7 + L10			\$ 2,036,642
12	Gross Receipts Tax Rate				5.900%
13	Pro Forma Gross Receipts Expense at Present Rates	[4] L11 * L12			120,162
14	FPFTY Budget				127,413
15	Net Adjustment	L13 - L14			\$ (7,251)

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-17**
Witness: **Benjamin S. Yin**
Page **1 of 2**

UPDATE 7-24-2018

Line No	Depreciation Expense Adjustment Description	[1] Reference or Factor or A/C Number	[2] Balance of 12/31/2018	[3] Test Year Expense 2019 Additions	[4] Total	[5] Annualize 2019 Depreciation	[6] Pro Forma Test Year Depreciation
INTANGIBLE PLANT							
1	Franchise & Consent	302			-	-	-
2	Miscellaneous Intangible Plant	303	14,669	1,430	16,100	1,430	17,530
3	Total Intangible Plant	L1 + L2	<u>14,669</u>	<u>1,430</u>	<u>16,100</u>	<u>1,430</u>	<u>17,530</u>
TRANSMISSION PLANT							
4	Land & Land Rights	350	-	-	-	-	-
5	Structures & Improvements	352	1,761	136	1,897	136	2,033
6	Station Equipment	353	16,104	651	16,755	651	17,407
7	Towers & Fixtures	354	3,639	50	3,688	50	3,738
8	Poles & Fixtures	355	256	1	257	1	258
9	Overhead Conductors & Devices	356	3,314	85	3,400	85	3,485
10	Underground Conduit	357	246	9	255	9	264
11	Underground Conductors & Devices	358	1,753	45	1,798	45	1,842
12	Roads & Trails	359	8	-	8	-	8
13	Asset Retirement Costs -- Transmission	359.1	-	-	-	-	-
14	Total Transmission Plant	Sum L4 to L13	<u>27,081</u>	<u>977</u>	<u>28,058</u>	<u>977</u>	<u>29,034</u>
DISTRIBUTION PLANT							
15	Land & Land Rights	360	0	-	-	-	-
16	Structures & Improvements	361	2,540	208	2,748	208	2,955
17	Station Equipment	362	20,737	1,059	21,796	1,059	22,856
18	Poles, Towers & Fixtures	364	14,970	649	15,619	649	16,268
19	Overhead Conductors & Devices	365	26,301	1,473	27,774	1,473	29,247
20	Underground Conduit	366	6,870	469	7,338	469	7,807
21	Underground Conductors & Devices	367	27,181	1,679	28,860	1,679	30,539
22	Line Transformers	368	13,167	556	13,724	556	14,280
23	Services	369	8,287	192	8,479	192	8,672
24	Meters	370	19,819	322	20,141	322	20,463
25	Installations on Customer Premises	371	5	-	5	-	5
26	Street Lighting & Signal Systems	373	1,673	90	1,762	90	1,852
27	Asset Retirement Costs -- Distribution	374	-	-	-	-	-
28	Total Distribution Plant	Sum L15 to L27	<u>141,550</u>	<u>6,697</u>	<u>148,247</u>	<u>6,697</u>	<u>154,944</u>
GENERAL PLANT							
29	Land & Land Rights	389	-	-	-	-	-
30	Structures & Improvements	390	1,521	25	1,546	25	1,571
31	Office Furniture & Equipment	391	2,946	47	2,993	47	3,039
32	Transportation Equipment	392	-	-	-	-	-
33	Stores Equipment	393	4	-	4	-	4
34	Tools & Garage Equipment	394	2,447	42	2,489	42	2,531
35	Laboratory Equipment	395	20	-	20	-	20
36	Power Operated Equipment	396	-	-	-	-	-
37	Communications Equipment	397	8,955	96	9,051	96	9,147
38	Miscellaneous Equipment	398	62	-	62	-	62
39	Other Tangible Property	399	-	-	-	-	-
40	Asset Retirement Costs -- General Plant	399.1	-	-	-	-	-
41	Total General Plant	Sum L29 to L40	<u>15,956</u>	<u>210</u>	<u>16,166</u>	<u>210</u>	<u>16,376</u>
42	TOTAL DEPRECIATION		199,257	9,314	208,570	9,314	217,884
	L3 + L14 + L28 + L41						
43	Transmission Accounts		(27,081)	(977)	(28,058)	(977)	(29,034)
44	Intangible Account to Transmission		(2,776)	(35)	(2,811)	(35)	(2,845)
45	General Plant to Transmission	11.31%	(1,805)	(24)	(1,829)	(24)	(1,853)
46	Asset Retirement - Distribution & General		-	-	-	-	-
47	Act 129		-	-	-	-	-
48	SUB-TOTAL		<u>167,595</u>	<u>8,278</u>	<u>175,873</u>	<u>8,278</u>	<u>184,151</u>
49	Common Plant to Electric Distribution				33,259	2,948	36,207
50	Total Distribution Depreciation Expense				<u>\$ 209,132</u>	<u>\$ 11,226</u>	<u>\$ 220,358</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-17**
Witness: **Benjamin S. Yin**
Page **2 of 2**

Depreciation Expense Adjustment of Common Plant

Line No	Description	[1] Reference or Factor or A/C Number	[2] [3] [4] Test Year Expense			[5] Annualize 2019 Depreciation	[6] Pro Forma Test Year Depreciation
			Balance of 12/31/2018	2019 Additions	Total		
INTANGIBLE PLANT							
1	PECO Com 303-AMI NONBILL SW EDE EOL		\$ 651	\$ -	\$ 651	\$ -	\$ 651
2	PECO Com 303-AMI NONBILL SW IDS EOL		579	-	579	-	579
3	PECO Com 303-IAM SW Enhance PA		55	-	55	-	55
4	PECO Com 3030-CallRoutingSW		732	-	732	-	732
5	PECO Com 3030-CIMS Enhancements PA		554	-	554	-	554
6	PECO Com 3030-Client Devices SW PA		458	-	458	-	458
7	PECO Com 3030-Data Loss Prevent PA		61	-	61	-	61
8	PECO Com 3030-Documentum PA		78	-	78	-	78
9	PECO Com 3030-EAM Asset Suite PA		1,233	-	1,233	-	1,233
10	PECO Com 3030-EUWebCon		944	-	944	-	944
11	PECO Com 3030-Fixed Credit Option S (dup)		1,329	-	1,329	-	1,329
12	PECO Com 3030-HR Payroll HCM Cloud		171	-	171	-	171
13	PECO Com 3030-HRPC Enhance PA		43	-	43	-	43
14	PECO Com 3030-Hyperion Enhance PA		213	-	213	-	213
15	PECO Com 3030-HyperionPI		152	-	152	-	152
16	PECO Com 3030-I O Directory Svcs PA		275	-	275	-	275
17	PECO Com 3030-IAM Consolidate		101	-	101	-	101
18	PECO Com 3030-Informatica PA		59	-	59	-	59
19	PECO Com 3030-IVR System PA		83	-	83	-	83
20	PECO Com 3030-Misc 5 yr FR PA		16,398	2,400	18,799	2,400	21,199
21	PECO Com 3030-Misc 5 yr PA		41	-	41	-	41
22	PECO Com 3030-Mobile Disp Enh PA		194	-	194	-	194
23	PECO Com 3030-Passport Enhance PA		0	-	0	-	0
24	PECO Com 3030-Peoplesoft GL Upgrade		80	-	80	-	80
25	PECO Com 3030-PowePlant Enhance PA		138	-	138	-	138
26	PECO Com 3030-Service Mgt SW PA		18	-	18	-	18
27	PECO Com 3030-WallStreet SW PA		47	-	47	-	47
28	Total Common - Intangible	Sum L 1 to L 27	<u>24,686</u>	<u>2,400</u>	<u>27,087</u>	<u>2,400</u>	<u>29,487</u>
COMMON PLANT - OTHER							
29	PECO Common 3892 PA		-	-	-	-	-
30	PECO Common 3901 PA		4,691	286	4,977	286	5,263
31	PECO Common 3902 IL		22	-	22	-	22
32	PECO Common 3902 PA		1,549	129	1,678	129	1,807
33	PECO Common 3903 PA		24	4	28	4	33
34	PECO Common 3911 PA		22	-	22	-	22
35	PECO Common 3912 PA		1,464	201	1,664	201	1,865
36	PECO Common 3913 IL		760	95	855	95	950
37	PECO Common 3913 PA		8,104	1,038	9,142	1,038	10,181
38	PECO Common 3927 PA		-	-	-	-	-
39	PECO Common 3930 PA		138	14	151	14	165
40	PECO Common 3941 PA		11	-	11	-	11
41	PECO Common 3942 PA		5	0	5	0	6
42	PECO Common 3943 PA		-	-	-	-	-
43	PECO Common 3970 PA		1,785	51	1,836	51	1887
44	PECO Common 3980 PA		117	0	117	0	118
45	Total Common - Other	Sum L 29 to L 44	<u>18,692</u>	<u>1,818</u>	<u>20,510</u>	<u>1,818</u>	<u>22,329</u>
46							
47							
48							
49	TOTAL ALL	L 28 + L 45	<u>\$ 43,378</u>	<u>\$ 4,219</u>	<u>\$ 47,597</u>	<u>\$ 4,219</u>	<u>\$ 51,816</u>

COMMON PLANT CHARGED TO

50	Electric - Distribution	69.876%		33,259	2,948	36,207
51	Electric - Transmission	8.914%		4,243	376	4,619
52	GAS	21.210%		10,095	895	10,990
53	TOTAL	<u>100.00%</u>		<u>47,597</u>	<u>4,219</u>	<u>51,816</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit
Schedule
Witness:
Page 1 of 4

BSY-5
D-18
Benjamin S. Yin
UPDATE 7-24-2018

Income Tax at Present and Proposed Revenue Levels

Line No	Description	[1] Reference	[2] Factor Or Amount	[3] Pro Forma 2019 Present Rates	[4] Proposed Revenue Increase	[5] Pro Forma Tax Expense 12/31/2019 [3] + [4]
1	Revenue			\$ 2,097,645	\$ 140,317	\$ 2,237,963
2	Operating Expenses			(1,776,064)	(9,978)	(1,786,041)
3	OIBIT	L1 + L2		321,582	130,340	451,922
4	Rate Base		4,845,819			
5	Weighted Cost of Debt		0.01939			
6	Synchronized Interest Expense	L4 * L5		(93,983)	-	(93,983)
7	Base Taxable Income	L3 + L6		227,599	130,340	357,939
8	State Accelerated Tax Depreciation	Sch D-18 P2	\$ 200,563			
9	Pro Forma Book Depreciation	Sch D-3 P2	220,358			
10	State Tax Depreciation (Over) Under Book	L9 - L8		19,795		19,795
11	Regulatory Asset Programs M-1, Pension & Post Retirement Benefits			6,589		6,589
12	Other Property Basis Adjustments (CIAC/ICM)			(9,554)		(9,554)
13	Removal Costs/Software			(35,960)		(35,960)
14	AFUDC Equity			-		-
15	Permanent Adjustments			869		869
16	Repair Deduction			(96,900)	-	(96,900)
17	State Taxable Income	Sum L7 to L16		\$ 112,439	\$ 130,340	\$ 242,778
18	State Income Tax before Net Operating Loss	L17 * L18	9.99%	(11,233)	(13,021)	(24,254)
19	State Net Operating Loss Utilization			-		-
20	State Income Tax			\$ (11,233)	\$ (13,021)	\$ (24,254)
21	Federal Accelerated Tax Depreciation	Sch D-18 P2	\$ 143,890			
22	Pro Forma Book Depreciation	Sch D-3 P2	220,358			
23	Federal Tax Deducts (Over) Under Book	L22 - L21		76,469	-	76,469
24	Regulatory Asset Programs M-1, Pension & Post Retirement Benefits			6,589		6,589
25	Other Property Basis Adjustments (CIAC/ICM)			(9,554)		(9,554)
26	Removal Costs/Software			(35,960)		(35,960)
27	AFUDC Equity			-		-
28	Repair Deduction			(96,900)		(96,900)
29	Permanent Adjustments			869		869
30	Federal NOL			-		-
31	Federal Taxable Income	L7+Sum L23 to L30		157,879	117,319	275,198
32	Federal Income Tax Expense	L31 * L32 [2]	21.00%	(33,155)	(24,637)	(57,792)
33	Total Tax Expense before Deferred Income Tax	L20 + L32		(44,388)	(37,658)	(82,045)
DEFERRED INCOME TAXES						
34	Deferred Taxes on Timing Differences- Federal			8,100		8,100
35	Deferred Taxes on Timing Differences- State			(1,025)		(1,025)
36	Net Operating Loss Utilization			-	-	-
37	Excess Deferred Amortization			12,513		12,513
38	Federal Net Operating Loss Utilization			-		-
39	Federal Income Tax Expense on Flow through adjustment			(12,204)	-	(12,204)
40	Deferred Income Taxes	Sum L34 to L39		7,383	-	7,383
41	Net Income Tax Expense	L33 + L40		(37,004)	(37,658)	(74,662)
Other Tax Adjustments						
42	Amortization of Investment Tax Credit					
43	Electric Plant			16		16
44	Common Plant Allocated			12		12
45	Consolidated Income Tax Adjustment			-		-
46	Combined Income Tax Expense	Sum L41 to L45		\$ (36,976)	\$ (37,658)	\$ (74,634)
47	Federal Income Tax Expense			\$ (24,718)	\$ (24,637)	\$ (37,151)
48	State Income Tax Expense			(12,258)	(13,021)	(25,279)
49	Total Income Tax Expense			\$ (36,976)	\$ (37,658)	\$ (62,430)

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)
 Depreciation for Income Tax Calculation

Exhibit
Schedule
Witness:
 Page

BSY-5
D-18
Benjamin S. Yin
 2 of 4

Line No	Description	[1] Amount	[2] Amount	[3] Total
<u>STATE ACCELERATED TAX DEPRECIATION</u>				
1	Electric Distribution Only	193,674	193,674	
2	Electric Plant	2,466		
3	Percent to Distribution	<u>88.687%</u>		
4	Amount To Distribution		2,187	
5	Common Plant (no Software)	6,729		
6	Allocation Factor	<u>69.876%</u>		
7	Common Plant Allocated to Elec Dist		4,702	
8	Software Amortization for Tax	-		
9	Common Plant Allocated to Elec Dist	<u>69.876%</u>	-	
10	Total Accelerated Tax Depreciation			<u>\$ 200,563</u>
<u>FEDERAL ACCELERATED TAX DEPRECIATION</u>				
11	Electric Distribution Only	137,362	137,362	
12	Electric Plant	2,065		
13	Percent to Distribution	<u>88.687%</u>		
14	Amount To Distribution		1,831	
15	Common Plant (no Software)	6,721		
16	Allocation Factor	<u>69.876%</u>		
17	Common Plant Allocated to Elec Dist		4,696	
18	Software Amortization for Tax	-		
19	Common Plant Allocated to Elec Dist	<u>69.876%</u>	-	
20	Total Accelerated Tax Depreciation			<u>\$ 143,890</u>

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-18**
Witness: **Benjamin S. Yin**
Page **3 of 4**

Consolidated Tax Adjustments

Line No	Description	[1] Factor Or Reference	[2] 2012	[3] 2013	[4] 2014	[5] 2015	[6] 2016	[7] Average
1	PECO Consolidated Taxable Income		\$ 317,055	\$ 372,237	\$ 97,822	\$ 165,388	\$ 185,545	
2	Consolidated Income Companies Taxable Income		\$ 651,323	\$ 1,069,343	\$ 1,762,414	\$ 925,343	\$ 1,249,191	
3	Taxable Income Percentage to PECO	L1 / L2	48.6786%	34.8099%	5.5505%	17.8732%	14.8532%	
4	Consolidated Loss Companies Loss		\$ 32,437	\$ 45,145	\$ 90,836	\$ 1,598	\$ 921	
5	PECO Allocation of Loss	L3 * L4	\$ 15,790	\$ 15,715	\$ 5,042	\$ 286	\$ 137	
6	Electric percentage		78.95%	86.97%	64.68%	99.95%	122.21%	
7	Loss Allocable to Electric	L5 * L6	\$ 12,467	\$ 13,668	\$ 3,261	\$ 286	\$ 167	
8	Electric Distribution Percent		73.139%	73.139%	73.139%	73.139%	73.139%	
9	Loss Allocable to Electric Distribution	L7 * L8	\$ 9,118	\$ 9,997	\$ 2,385	\$ 209	\$ 122	
10	Average for 2012 to 2016	Avg L9						4,366
11	Tax Rate							21.00%
12	Consolidated Tax Adjustment	L10 * L11					\$ 917	

PECO Exhibit BSY-5

PECO - Electric Operations
Before The Pennsylvania Public Utility Commission
Fully Projected Future Test Year Ended December 31, 2019
(\$ in Thousands)

Exhibit **BSY-5**
Schedule **D-18**
Witness: **Benjamin S. Yin**
 Page **4 of 4**

Investment Tax Credit Amortization

[1] [2] [3]

Line No	Description	Amount	Amount	Amount
<u>INVESTMENT TAX CREDIT</u>				
1	<u>Amortization of Investment Tax Credit - 2019</u>			
2	Amortization for Total Electric - Estimated 2019	<u>\$ 18</u>		
3	Distribution Factor	<u>88.687%</u>		
4	Electric Distribution ITC		16	
5	Common Plant	\$ 18		
6	Distribution Factor	<u>69.876%</u>		
7	Common Plant ITC to Electric Distribution		<u>12</u>	
8	Total Electric Distribution			<u>\$ 28</u>

PECO - Electric Operations
 Before The Pennsylvania Public Utility Commission
 Fully Projected Future Test Year Ended December 31, 2019
 (\$ in Thousands)

Exhibit
 Schedule
 Witness:
 Page

BSY-5
 D-19
 Benjamin S. Yin
 1 of 1

Gross Revenue Conversion Factor

Line No	Description	[1] Reference	[2] Tax Rate	[3] Factor
<u>GROSS REVENUE CONVERSION FACTOR</u>				
1	GROSS REVENUE FACTOR			1.000000
2	LPC REVENUE			0.004319
3	GROSS RECEIPTS TAX			(0.059000)
4	UNCOLLECTIBLE EXPENSES			(0.008857)
5	PUC / OCA & SBA ASSESSMENT AS A % OF REVENUE			(0.003557)
6	NET REVENUES	Sum L1 to L5		0.932904
7	STATE INCOME TAXES	L6 [3] * Rate [2]	9.99%	(0.093197)
8	FACTOR AFTER STATE TAXES	L6 + L7		0.839707
9	FEDERAL INCOME TAXES	L8 [3] * Rate [2]	21.00%	(0.176339)
10	NET OPERATING INCOME FACTOR	L8 + L9		<u>0.663368</u>
11	GROSS REVENUE CONVERSION FACTOR	1 / L10		<u>1.507458</u>
12	Combined Income Tax Factor On Gross Revenues	-L7 - L9		<u>26.954%</u>
<u>INCOME TAX FACTOR</u>				
13	GROSS REVENUE FACTOR			1.000000
14	STATE INCOME TAXES	L13 [3] * Rate [2]	9.99%	(0.099900)
15	FACTOR AFTER STATE TAXES	L13 + L14		0.900100
16	FEDERAL INCOME TAXES	L15 [3] * Rate [2]	21.00%	(0.189021)
17	NET OPERATING INCOME FACTOR	L15 + L16		0.711079
18	GROSS REVENUE CONVERSION FACTOR	1 / L17		<u>1.406314</u>
19	Combined Income Tax Factor On Taxable Income	-L14 - L16		<u>28.892%</u>