

PECO Exhibit BSY-1

Calculation of the Theft Investigation Fee

PECO Energy Company Theft Investigation Fee: Summary

Resource	Unit Cost	Avg Units	Weight*	Avg Cost
Field Labor (per hour)	\$ 79.39	1.9	99%	\$ 148.01
Transportation (per truck roll)	\$ 12.35	2	99%	\$ 24.44
Outsourced Cost for Underground Dig	\$ 2,827.60	1	1%	\$ 28.28
Tools & Equipment	\$ 143.65	1	100%	\$ 143.65
Back Office/Analytics Support	\$ 94.68	1	100%	\$ 94.68
GRT				\$ 23.05
Total Average Cost				\$ 462.11
Total Average Cost (Rounded)				\$ 460

*Weight: 99% of theft remediation is performed at the meter or taps by PECO technicians while 1% is remediated via underground dig by an outsourced vendor. PECO supplies tools/equipment and back office/analytics support for all jobs.

PECO Energy Company Theft Investigation Fee: Detail

Hourly Rates

Source: PECO Budgeted rates for 2021 Long Range Plan

	Revenue Protection Tech	Customer Service Rep	Back Office Blended*
1 Direct Labor	\$ 45.92	\$ 24.99	\$ 33.93
2 Overhead: Fringe Benefits	\$ 22.82	\$ 12.42	\$ 16.86
3 Overhead: Administrative and General	\$ 10.65	\$ 5.80	\$ 7.87
4 Total Overhead	\$ 33.47	\$ 18.21	\$ 24.73
5 Total Labor & Overhead	\$ 79.39	\$ 43.20	\$ 58.65
6 Transportation***	\$ 12.35		
7 Tools & Expenses****	\$ 143.65		

Job Costs

Source : Managers, Supervisors, Foremen, Analytics

Inputs	Minutes	Hourly	Unit Cost	Salary Band
A Dispatch and Back Office Support	30.0	50%	\$ 29.33	Back Office Blended*
B Call Center (Average Handle Time)	6.4	11%	\$ 4.58	Customer Service Rep
C Notice Drop Drive Time (Rev Pro Tech)	14.7	24%	\$ 19.42	Rev Pro Tech
D Analytics Cost (Software vendor)*****	NA	NA	\$ 31.44	NA
E Cut Drive Time (Rev Pro Tech)**	14.7	24%	\$ 19.42	Rev Pro Tech
F Bucket Drive Time (2 Rev Pro Techs)**	29.3	49%	\$ 38.83	2 Rev Pro Techs
Job Types				
G Cut at Meter	45	75%	\$ 59.54	Rev Pro Tech
H Cut at tap	90	150%	\$ 119.08	2 Rev Pro Techs
I Underground Dig (Outsourced*****)	NA	NA	\$ 2,827.60	NA

*****Median of 2019 invoiced jobs

Utility Gross Receipts Tax (GRT) for Philadelphia:

	% of Rev Pro Cuts in 2019
Electric	89%
Gas	11%

Proposed Theft Investigation Fee

	(O) Job Costs	(P) GRT Assessed	(Q) [O+P]	(R) Rounded Fee	% of Rev Pro Cuts in 2019
Meter	\$ 361.39	\$ 18.98	\$ 380.37	\$ 380	33.00%
Tap	\$ 440.35	\$ 23.12	\$ 463.47	\$ 460	66.00%
Underground Dig	\$ 2,961.11	\$ 155.49	\$ 3,116.60	\$ 3,120	1.00%
Fee				\$ 460.00	

*Blended Back Office Rate Calculation:

Number of FTEs	PECO Pay Grade	Direct Labor
2	E2:	\$ 37.60
1	E1:	\$ 31.71
1	RT Clerical:	\$ 28.79

**Drive Time Calculation

Position	Completed Jobs	Total Hours Worked	Windshield Time	Avg. Drive Time (Min.)
Rev Pro Tech	30,803	20,810	36.20%	14.67

***Transportation Per Job Calculation

2019 Field & Meter Services	
Transportation O&M	\$ 736,460
FMS Completions	59,655
Transportation Per Job	\$ 12.35

****Materials & Expenses (Rev Pro Tech)

Total Security Costs	\$ 81,864
Rev Pro Completions	30,803
Security per Job	\$ 2.66
Bottom Lock	\$ 9.55
Side Lock	\$ 9.44
Additional Meter	\$ 122.00
Total Avg Materials per Job	\$ 140.99

*****Analytics Software Cost Calculation

Vendor Contract/ Year	\$ 214,447
Rev Pro Analytics Leads Fielded	6,820
Cost per Job	\$ 31.44