

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**RATE FILING**

**BASED ON THE YEAR ENDED MAY 31, 2022 (BASE YEAR)  
FORECAST PERIOD FEBRUARY 1, 2023 (EFFECTIVE DATE  
OF RATE INCREASE) TO JANUARY 31, 2024  
Issued August 29, 2022**

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

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FORECAST PERIOD FEBRUARY 1, 2023 (EFFECTIVE DATE  
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**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**FORECASTED STATEMENT OF OPERATIONS  
Based on the Year Ended May 31 , 2022 (Base Year)**

	<b>Base Year May 31, 2022</b>	<b>Normalizing Adjustments</b>	<b>Adjusted Base Year</b>	<b>Rate Year Adjustments</b>	<b>Normalized Rate Year Before Revenue Increase</b>	<b>Revenue Increase Request</b>	<b>Rate Year After Increase</b>	<b>Note Reference</b>
<b>Revenues</b>								
Operating revenues - Base	\$ 545,913	\$ (1,384)	\$ 544,529	\$ -	\$ 544,529	\$ 123,554	\$ 668,083	1
Operating revenues - PPAC	103,334	(988)	102,346	(578)	101,768	-	101,768	1
Operating revenues - Clean Energy Standards (CES)	55,861	(255)	55,606	-	55,606	-	55,606	1
Late charges	5,462	812	6,274	-	6,274	-	6,274	1
Miscellaneous operating revenues	3,215	(1,743)	1,472	-	1,472	-	1,472	1
Total revenues	<u>713,785</u>	<u>(3,558)</u>	<u>710,227</u>	<u>(578)</u>	<u>709,649</u>	<u>123,554</u>	<u>833,203</u>	
<b>Expenses</b>								
Purchased power, and related costs	385,234	(840)	384,394	-	384,394	-	384,394	2.a.
Labor, net of capitalized labor	102,030	-	102,030	10,886	112,916	-	112,916	2.b.1
FICA, medical, retirement, workers' compensation, etc.	51,572	-	51,572	1,335	52,907	-	52,907	2.b.2
Contractual/material expenses								
Maintenance of poles and fixtures	-	-	-	-	-	-	-	2.b.3
Distribution	37,808	-	37,808	(8,111)	29,697	-	29,697	2.b.3
Street lights	130	-	130	594	724	-	724	2.b.3
Consumer accounting and collection	3,939	-	3,939	67	4,006	-	4,006	2.b.3
Sales expense	-	-	-	-	-	-	-	2.b.3
Administrative and general	59,466	-	59,466	2,961	62,427	-	62,427	2.b.3
Insurance	6,840	-	6,840	210	7,050	-	7,050	2.b.4
Uncollectible accounts	2,074	-	2,074	4,075	6,149	-	6,149	2.b.5
Depreciation	40,489	-	40,489	9,749	50,238	-	50,238	2.b.6
Rent	9,980	-	9,980	34,636	44,616	-	44,616	2.b.7
PILOT to Village of Philadelphia	-	-	-	7,100	7,100	-	7,100	2.b.7
Amortization of rate filing costs	-	-	-	8,333	8,333	-	8,333	2.b.9
Contractual appropriations of income - IEEP	10,881	-	10,881	(578)	10,303	-	10,303	2.b.8
Total expenses	<u>710,443</u>	<u>(840)</u>	<u>709,603</u>	<u>71,257</u>	<u>780,860</u>	<u>-</u>	<u>780,860</u>	
<b>Operating income (loss) (*)</b>	<u><b>\$ 3,342</b></u>	<u><b>\$ (2,718)</b></u>	<u><b>\$ 624</b></u>	<u><b>\$ (71,835)</b></u>	<u><b>\$ (71,211)</b></u>	<u><b>\$ 123,554</b></u>	<u><b>\$ 52,343</b></u>	
<b>Rate Base</b>	<u><b>\$ 1,122,487</b></u>				<u><b>\$ 1,274,549</b></u>		<u><b>\$ 1,274,549</b></u>	
<b>Rate of Return</b>	<u><b>0.30%</b></u>				<u><b>-5.56%</b></u>		<u><b>4.08%</b></u>	
<b>Return on Surplus</b>	<u><b>0.30%</b></u>				<u><b>-7.01%</b></u>		<u><b>4.37%</b></u>	

(\*) Operating income does not include interest income or interest expense.

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**SUMMARY OF NORMALIZATION AND RATE YEAR ADJUSTMENTS**

**Base Year Normalization Adjustments**

a) Operating revenues	
Weather normalization (decrease) of Base revenues	\$ (1,384)
b) To reflect decrease in purchased power due to revenue weather normalization	(585)
c) To adjust PPAC revenues for over billing in Fiscal Year 2022	(988)
d) To adjust CES revenues due to weather normalization (decrease in kWh sold)	(255)
e) To adjust cost of CES charges, due to weather normalization	(255)
f) To adjust late charge revenues to equal three year average (as a % of gross sales)	812
g) To adjust miscellaneous revenues to equal three year average (2020 through 2022)	(1,743)
	<hr/>
<b>Total normalization adjustments</b>	<b>\$ (2,718)</b>

**Rate Year Adjustments**

h) To decrease IEEP contributions as a result of weather normalization	\$ (578)
i) To decrease PPAC revenues due to decrease in IEEP contributions	(578)
j) To reflect "net" increase in expensed labor dollars due to anticipated wage increases, net of amounts to be allocated to capital accounts	10,886
k) To reflect net changes in employee benefits due to payroll tax calculation or allocated budget amounts for shared employee benefit costs	1,335
l) <u>Contractual/material expenses</u>	
Distribution - 3 year average	(8,111)
Street lights - 3 year average	594
Consumer accounting and collection - 3 year average	67
Administrative and general - 3 year average	2,961
m) To reflect increase in general liability insurance based on 3 year average	210
n) To reflect anticipated increase in uncollectible accounts receivable, based on 3 year average	4,075
o) To reflect increase in annual depreciation expense, as the result of anticipated capital improvements to be made during the period June 1, 2022 through January 31, 2024 (linking period and rate year)	9,749
p) To reflect PILOT payment to the Village of Philadelphia	7,100
q) To reflect increase in rent expense related to occupancy of new building	34,636
r) To reflect amortization of rate filing costs over 3 year period of benefit	8,333
	<hr/>
<b>Total Rate Year Adjustments</b>	<b>\$ 71,835</b>

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**FORECASTED RATE OF RETURN CALCULATION  
CAPITALIZATION MATRIX**

**Based on the Year Ended May 31, 2022**

**Adjusted for Rate Year Adjustments and Revenue Increase Request**

		<u>Amount</u>	<u>Percent</u>	<u>Cost Rate</u>	<u>Rate of Return</u>
<b><u>2022 (Base Year)</u></b>					
Long-term debt	Exhibit 10	\$ 2,563	0.2%	2.65%	0.01%
Customer deposits	Exhibit 10	34,404	2.8%	0.00%	0.00%
Net surplus	Exhibit 10	<u>1,205,200</u>	<u>97.0%</u>	0.30%	<u>0.29%</u>
Total		<b><u>\$ 1,242,167</u></b>	<b><u>100.00%</u></b>		<b><u>0.30%</u></b>
<b><u>Rate Year Before Revenue Increase</u></b>					
Long-term debt	Exhibit 10	\$ 163,294	12.8%	3.00%	0.39%
Customer deposits	Exhibit 10	32,456	2.6%	0.00%	0.00%
Net surplus	Exhibit 10	<u>1,075,626</u>	<u>84.6%</u>	-6.79%	<u>-5.95%</u>
Total		<b><u>\$ 1,271,376</u></b>	<b><u>100.00%</u></b>		<b><u>-5.56%</u></b>
<b><u>Rate Year After Revenue Increase</u></b>					
Long-term debt	Exhibit 10	\$ 163,294	12.8%	3.00%	0.39%
Customer deposits	Exhibit 10	32,456	2.6%	0.00%	0.00%
Net surplus	Exhibit 10	<u>1,075,626</u>	<u>84.6%</u>	4.37%	<u>3.69%</u>
Total		<b><u>\$ 1,271,376</u></b>	<b><u>100.00%</u></b>		<b><u>4.08%</u></b>

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT****SUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)****NOTE 1 - OPERATING REVENUES***Base Revenues*

Base revenues of the Village of Philadelphia - Electric Department (Department), include base revenues from the Residential, Commercial, Industrial, Public Street Lighting, Other Lighting and Security Lighting rate classes.

Customer consumption (in kWh) and related Base Revenues in the Rate Year were calculated using weather normalization formulas discussed in Workpaper A. Weather normalization trends were developed using information included in the NYSERDA website (<https://www.nyserda.ny.gov/About/Publications/EA-Reports-and-Studies/Weather-Data/Monthly-Cooling-and-Heating-Degree-Day-Data>) for heating degree days for the ten (10) year period 2012 - 2022. This data was specific to the Watertown, New York area. The weather normalization model used in this rate filing, was previously provided by the State of New York Department of Public Service, for use in prior municipal electric rate filings with that office.

As the Department experienced minimal growth/decline in its customer base over the last six years (fiscal years 2017 through 2022), any impact on Base Revenues, as a result of customer growth or decline, has been ignored in this forecast. The total number of customers serviced during this six-year period ranged from a low of 700 (2021) to a high of 714 (2019). The number of customers serviced during the Base Year (2022) was 705.

Based on the weather normalization calculations described in Workpaper A, Base Revenues during the Rate Year are expected to decrease \$1,384 (0.25% decrease) from the Base Year.

*PPAC Revenues*

PPAC Revenues represent a “dollar-for-dollar” pass-through of incremental power costs (defined as power costs and other production costs in excess of base purchased power costs). This “dollar-for-dollar” pass-through is reconciled at the end of each fiscal year to identify if any over billing or under billing of PPAC revenues had occurred during the fiscal period. For the fiscal year ended May 31, 2022 (Base Year), the Department over billed its customers \$988 in PPAC revenues (see Workpaper E). This over billing will be returned to the Department’s customers via the PPAC process during the fiscal year ending May 31, 2023. As such, PPAC revenues were decreased by \$988 as a normalization adjustment in the Rate Year.

In addition, PPAC revenues include certain other costs that are passed onto the customer as part of the PPAC process. The Department currently bills its customers at a rate of .001/kWh for its contributions to the Independent Energy Efficiency Program (IEEP). All PPAC revenues collected from these billings are remitted to the IEEP for energy efficiency projects, and the revenues generated and the expenses incurred under this program do not enter into the determination of the Department’s net operating income. As such, they are considered “revenue neutral.”

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 1 - OPERATING REVENUES - Continued

*PPAC Revenues - Continued*

Forecasted revenues generated by this process are based on kWh sold. As kWh consumption is expected to decrease during the Rate Year (due to weather normalization described above), PPAC revenues related to this process are also expected to decrease. As such, PPAC revenues have been decreased by \$578. Conversely, contributions to the IEEP (classified as an expense) have also been decreased by \$578 to remain “revenue neutral” in the determination of net operating income. Information related to this adjustment are as follows:

	<u>kWh sold</u>	<u>IEEP Contributions</u>	<u>Effective Rate/kWH</u>
Base Year	10,349,723	\$ 10,881	0.001051
Rate Year	<u>10,303,149</u>	<u>10,303</u>	0.001000
Adjustment	<u>(46,574)</u>	<u>\$ (578)</u>	

Note: Rate Year kWh sold considers a 0.45% decrease in consumption based on weather normalization

*CES Revenues*

The Department bills its customers for charges related to the Clean Energy Standards (CES) as a separate line item on the customer’s bill (and not through the PPAC process). These customer charges (CES revenues) are equal to the CES charges paid to. As such, these transactions are “revenue neutral” in the determination of net operating income. See further discussion in “Purchased Power” below. CES revenues for the Base Year, totaled \$55,861, which were equal to CES related costs. Due to the anticipated decrease in kWh sold (due to weather normalization previously described), CES revenues are expected to decrease \$255, from Base Year amounts, as follows:

	<u>kWh sold</u>	<u>CES Revenues</u>	<u>Effective Rate/kWH</u>
Base Year	10,349,723	55,861	0.005397
Rate Year	<u>10,303,149</u>	<u>55,606</u>	0.005397
Adjustment	<u>(46,574)</u>	<u>(255)</u>	

Note: Rate Year kWh sold considers a 0.45% decrease in consumption based on weather normalization.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 1 - OPERATING REVENUES - Continued

*Base Revenue, Revenue Increase Rate*

Increase in Base Revenues (as a result of an approximately 22% increase in base rates effective February 1, 2023) requested herein to support operations, capital improvements, annual debt service, establish adequate cash balances, and provide a reasonable rate of return on Rate Base, is expected to total \$123,554. Base Revenues in the Rate Year are expected to be \$668,083 (versus normalized Base Year revenues of \$544,529).

*Other Revenues*

Other revenues consist of late charges and miscellaneous electric revenues. These revenue sources, in general, are normally of an insignificant amount (as compared to total revenues) and can be quite volatile from year to year.

Due to COVID-19 pandemic protocols, late charges were not assessed during fiscal year 2021, and a portion of fiscal year 2022 (Base Year). As COVID-19 protocols have been released, late charges are expected to return to "pre-pandemic" levels. As such, late charges are expected to equal the three-year average (2017-2019) of late charges to gross electric billings (as a percentage). This average percentage of 0.89% multiplied by normalized gross electric billings before the requested revenue increase reflects late charges of \$6,274 in the Rate Year, as described below:

<u>Fiscal Year</u>	<u>Gross Electric Revenues</u>	<u>Late Charges</u>	<u>%</u>
May 31, 2017 (a)	\$ 590,722	\$ 5,682	0.96%
May 31, 2018 (a)	614,786	5,519	0.90%
May 31, 2019 (a)	<u>636,044</u>	<u>5,245</u>	<u>0.82%</u>
Total	<u>\$ 1,841,552</u>	<u>\$ 16,446</u>	<u>0.89%</u>
<u>Normalized Gross Revenues</u>			
Rate Year	\$ 702,481		
x late charge %	<u>0.89%</u>		
Late charges - Rate Year	<u>6,274</u>		
Late charges - Base Year	<u>-</u>		
Increase in Rate Year	<u>\$ 6,274</u>		

Note: Gross Electric Revenues include Base revenues, PPAC revenues and CES revenues

(a) No late charges were assessed during COVID pandemic period. (Fiscal years before COVID were used)



VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 1 - OPERATING REVENUES - Continued

*Other Revenues- Continued*

Miscellaneous revenues can be quite volatile from year to year. Miscellaneous revenues in the Rate Year are expected to equal the three-year average (Years 2020 through 2022) of these revenue sources. Miscellaneous electric revenues are expected to total \$1,472 during the Rate Year, as follows:

<u>Fiscal Year</u>	<u>Miscellaneous Revenue</u>
May 31, 2020	\$ 247
May 31, 2021	955
May 31, 2022	<u>3,215</u>
Total	<u>\$ 4,417</u>
Rate Year - Forecasted (3 year average)	<u>\$ 1,472</u>

## NOTE 2 - OPERATING EXPENSES

a. Purchased Power - The Electric Department includes in its purchased power, the following items:

- Hydropower charges (billed by the New York Power Authority)
- Supplemental power (billed by the New York Municipal Power Agency)\*
- Transmission costs (billed by NYSEG)
- Transmission Congestion Contracts (also known as TCC's)

The cost of electricity purchased for distribution is forecasted to be \$384,394 during the Rate Year. This forecasted amount is based on: (a) actual purchased power costs incurred during the Base Year, adjusted for weather normalization calculations described in Workpaper A, and (b) a decrease in CES charges, as a result of weather normalization. As weather normalization is expected to decrease consumption and Base Revenues (Note 1), purchased power is also expected to decrease to meet those consumption needs. Decreases in purchased power, due to weather normalization adjustments, is expected to be \$585 (Workpaper A). Decreases in purchased power due to decreased CES charges (due to weather normalization) is expected to decrease \$255.

\* - *Supplemental power costs include CES charges. CES charges in the Base Year totaled \$55,861 and were equal to CES billed to customers.*

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Other operating expenses are adjusted as follows:

(1) Labor (charged to expense accounts)

Labor charged to expense accounts include:

- Salaries of the line crew laborers (allocated via the work order system based on the work performed).\*
- Salaries of the Superintendent\*, Clerk-Treasurer, Deputy Clerk, Mayor and Trustees (allocated to the Electric Department based on estimated level of effort).

Total salaries to be incurred during the Rate Year are projected to be \$122,416, of which \$9,500 will be capitalized to operating property, and \$112,916 will be expensed in the forecasted statement of operations. (See Exhibit 15 for capitalized salaries).

The slight change in total salaries (\$10,500) is solely due to wage increases that went into effect on June 1, 2022 and expected to go into effect on June 1, 2023. See Workpapers E and E-1 for forecasted Rate Year labor and Base Year (2022) labor.

*\* - Line crew laborers, as well as the Superintendent, are considered "shared" employees, as they all perform work for the Village's Electric, Water, Sewer and DPW Departments. As such, the salaries of Line crew laborers and the Superintendent, have been allocated to the Electric Department during the Rate Year using a 4-year average (2019-2022) of their actual allocations to the Electric Department.*

(2) Employee Benefits

Employee benefits include medical/dental insurance, workers' compensation, New York State retirement contributions and FICA. Costs in Base Year 2022, represent the Electric Department's share of actual invoiced amounts (or via calculation on labor dollars for FICA), and is primarily based on a ratio of Electric Department labor dollars to total Village of Philadelphia labor dollars.

Amounts reported as NYS Retirement expense in fiscal year 2022 (Base Year) include an amount to recognize the change in retirement expense related to GASB No. 68, *Net Pension Liability*. As the net pension liability is not considered for ratemaking purposes, the effect of GASB No. 68 has been removed from this rate filing. As such, an adjustment has been made in this rate filing to increase NYS Retirement expense by \$2,006 (the net change in the Net Pension Liability reported in Fiscal Year 2022).

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

*b. Other Operating Expenses* - Other operating expenses are adjusted as follows - Continued

## (2) Employee Benefits - Continued

Rate Year employee benefit costs are based on (1) actual invoiced amounts or insurance carrier quotes, (2) calculation (FICA), or (3) budgeted amounts based on historic trend. Rate Year employee benefit costs are expected to be approximately 49% of total labor dollars. Net increase in employee benefits costs is expected to be as follows:

Type	Base Year 2022	Rate Year	Rate Year Increase (Decrease)
Medical/Dental insurance (a)	\$ 40,584	\$ 39,162	\$ (1,422)
NYS retirement (b)	9,624	11,045	1,421
GASB 68 expense (income)	(2,006)	-	2,006
Workers' compensation (c)	1,350	1,348	(2)
FICA (d)	9,162	9,365	203
Less: Allocation of benefits ( e )	(7,142)	(8,013)	(871)
	<u>\$ 51,572</u>	<u>\$ 52,907</u>	<u>\$ 1,335</u>

- (a) Medical insurance, which includes dental coverage, is based on quoted premiums from the Village's insurance providers. These premiums have been included in the Village's entity-wide budgets and have been allocated to the Electric Department based on level of effort within the Department.
- (b) In general, retirement costs have remained fairly consistent over the past 3-5 years. The costs reported in the Rate Year are expected to be similar to the retirement contributions made in December 2021, as required by the New York State Retirement System. Retirement cost included in the Rate Year is based on tier percentages provided to the Village by OSC, multiplied by the projected salary of each employee (based on level of effort within the Department). As described above, the NYS Retirement cost presented in the Rate Year does not include any effect of GASB No. 68.
- (c) Workers' compensation premiums are expected to remain relatively flat based on the Village's overall claim experience. Total Village-wide workers' compensation premiums have been allocated to the Electric Department based on level of effort within the Department.
- (d) FICA is calculated at 7.65% of total gross salaries.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Other operating expenses are adjusted as follows - Continued

## (2) Employee Benefits - Continued

- (e) Via the Department's work order system, employee benefits are allocated to capital or expense accounts based on the work performed by the line crew. This allocation is achieved through the use of an employee benefits overhead rate multiplied by direct labor dollars. Once the work orders are processed and accounted for, the capital accounts or expense accounts are "burdened" with these costs, and as such, a reduction of gross employee benefit costs is appropriate.

## (3) Contractual/Material Expenses

Contractual and material expenses consist of materials, supplies, and/or services provided by outside vendors which are charged to the distribution, street lights, consumer accounting and administrative and general cost categories. These costs also include the allocation of truck overhead costs, employee benefit and supervision overhead costs and stores overhead costs as processed through the Department's work orders for these types of tasks.

During the Rate Year, these costs are expected to equal the three-year average (2020-2022) of these categories (see Workpaper C).

	Base Year 2022	Rate Year	Rate Year Increase (Decrease)
Maintenance of poles	\$ -	\$ -	\$ -
Distribution	37,808	29,697	(8,111)
Street lights	130	724	594
Consumer accounting	3,939	4,006	67
Sales expense	-	-	-
Administrative and general	59,466	62,427	2,961

## (4) Insurance

Insurance expense represents the Electric Department's share of general property and liability insurance. Village premiums, allocated to the Electric Department during the Rate Year, are expected to equal the 3-year (2020-2022) average of these allocated premiums, as follows:

Rate Year anticipated amount	\$ 7,050
Base Year 2022 amounts	<u>6,840</u>
Rate Year increase	<u>\$ 210</u>

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

- b. Other Operating Expenses - Other operating expenses are adjusted as follows - Continued

## (5) Uncollectible Accounts

The Electric Department has had reasonably good results in its collection of customer receivables. Uncollectible accounts in the Fiscal Year 2021 were slightly elevated due to collections issues related to the COVID-19 pandemic and its related protocols. Uncollectible accounts during the Rate Year are expected to equal the three-year average (2020-2022), as a percent of gross normalized electric billings. This average percentage of 0.88% multiplied by normalized gross electric billings before the revenue increase reflects uncollectible accounts of \$6,149 in the Rate Year, as described below:

Fiscal Year	Gross Revenues	Uncollectible Accounts	%
May 31, 2020	\$ 590,722	\$ 1,675	0.28%
May 31, 2021	614,786	12,371	2.01%
May 31, 2022	636,044	2,074	0.33%
Total	<u>\$ 1,841,552</u>	<u>\$ 16,120</u>	<u>0.88%</u>
<u>Normalized Gross Revenues</u>			
Rate Year	\$ 702,481		
x Uncollectible %	0.88%		
Uncollectible Accounts - Rate Year	6,149		
Uncollectible Accounts - Base Year	2,074		
Increase in Rate Year	<u>\$ 4,075</u>		

## (6) Depreciation Expense

Depreciation expense (Exhibit 14) has been calculated based on existing operating property plus (1) net operating property additions for the period June 1, 2022 to January 31, 2023 (known as the "linking" period), plus (2) future operating property acquisitions detailed in Exhibit 15. Future operating property acquisitions include anticipated costs for contractor, material, capitalized labor, employee benefits and supervision overhead costs, material overhead, and truck overhead. Future operating property acquisitions are reported "net" of anticipated retirement values.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

b. *Other Operating Expenses* - Continued

## (6) Depreciation Expense - Continued

Depreciation charges are calculated using rates that are consistent with rates used in prior years, as approved by the PSC in the Department's last rate filing. Depreciation charges are calculated on operating property balances, net of any contributed amounts, as required.

Depreciation expense, Rate Year	\$ 50,238
Depreciation expense, Base Year	<u>40,489</u>
Rate Year increase	<u>\$ 9,749</u>

## (7) Rent and PILOT to the Village of Philadelphia

*Rent*

During Fiscal Year 2022 (Base Year), the Department paid rent totaling \$9,980 to the Village's General Fund for its pro-rata share of its office space at Village Hall, as well as an outlying building used for its stock supplies, warehouse and garage.

Recently, the Village purchased a new building that will house its administrative and operational offices. After the purchase of this property, the Village commenced significant construction and renovation projects to bring the building into a viable space for Village needs.

To finance these construction projects, the Village intends to issue a 15-year Serial Bond in the amount of \$1,995,580. Terms of the bond will include annual principal payments and semi-annual interest payment at rates ranging from 3.250% to 4.500%. The bond is expected to mature in Fiscal Year 2038. Annual debt service payments will range from \$177,761 to \$182,600.

As the Village's General Fund will own the building and related renovations, the General Fund will charge the Electric Department an annual rent expense equal to 25% of the annual debt service on the bond. The General Fund will also charge the Village's Water and Sewer Departments an equal share of the annual debt service. As such, the four operating departments of the Village, will be equally responsible for meeting the required annual debt service payments.

Required debt service during the Rate Year is equal to \$178,464. The Electric Department's 25% share of this cost is \$44,616 and is considered rent expense. As noted above, annual debt service requirements in subsequent years is similar to the Rate Year.

The Electric Fund will continue to use the warehouse and garage space in the former building at no charge.

*PILOT to the Village of Philadelphia*

As part of this Rate Filing, the Department wishes to make a Payment in Lieu of Taxes (PILOT) to the Village's General Fund, which will be recovered through future Base Rates and related Base revenues.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS  
Based on the Year Ended May 31, 2022 (Base Year)

## NOTE 2 - OPERATING EXPENSES - Continued

*b. Other Operating Expenses* - Continued

## (7) Rent and PILOT to the Village of Philadelphia - Continued

*PILOT to the Village of Philadelphia* - Continued

Based on the experience of other municipal electric utilities located in New York State, a PILOT has been established based on the net book value of certain operating property located within the municipality, multiplied by the municipality's current property tax rate (adjusted for the current equalization rate). Based on this model, the Department has calculated a projected PILOT based on the Rate Year net book value of its operating property located within the Village of Philadelphia boundaries. The PILOT amount, as calculated is \$7,100 (rounded). These calculations can be seen in Workpaper F to this Rate Filing.

## (8) Contractual Appropriations of Income - IEEP Contributions

The Department participates in the Independent Energy Efficiency Program (IEEP) to offer programs and make capital improvements to promote energy efficiency by and for its customers. As previously described, contributions to the IEEP are based on kWh sold multiplied by .001 per kWh. Expected kWh sold in the Rate Year, due to weather normalization is expected to approximate 10,303,149 kWh, which calls for a \$10,303 contribution to the IEEP during the Rate Year. These costs and related revenues (recovered by the PPAC process) are "revenue neutral" to the operations of the Department. This represents a \$578 decrease from the Base Year 2022 and is solely due to an anticipated decrease in kWh consumption due to weather normalization.

## (9) Amortization of Rate Filing Costs

The Department wishes to amortize the cost of its rate filing over a three-year period, the expected period of benefit. The Department estimates the cost of the rate filing to be \$25,000. Amortization costs are expected to be \$8,333 per annum for each of the next three years.

## NOTE 3 - INDEBTEDNESS

The Electric Department's indebtedness at the end of the Rate Year consists of an anticipated borrowing related to the acquisition of a bucket truck.

A summary of indebtedness at the end of the Rate Year is as follows:

Serial Bond, issued January 2024, interest at 3.0%,  
due January 2029

\$ 326,588

**VILLAGE OF PHILADELPHIA**  
**ELECTRIC DEPARTMENT**

**SUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS**  
**Based on the Year Ended May 31, 2022 (Base Year)**

**NOTE 4 - RATE OF RETURN**

The rate of return calculation is provided as an indicator of the level of forecasted income from operations compared to the risk/investment borne by the Electric Department.

The rate of return on Rate Base and Surplus for the year ended May 31, 2022, is calculated based on the prescribed format in the Village's Municipal Electric Utilities Annual Report filed with the New York State Department of Public Service for the year ended May 31, 2022. These rates of return were 0.30% and 0.30% respectively. The rate of return for the Forecasted Rate Year of 4.08% is calculated using Base Year 2022 amounts and applying forecasted changes to the Electric Department's operation, rate base, debt service, and surplus, as described herein. The Village of Philadelphia does not have a bond rating.



**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**BALANCE SHEETS**

	<b>Fiscal 2020</b>	<b>Fiscal 2021</b>	<b>Fiscal 2022</b>	<b>2021-2022 Average Balance</b>
<b>ASSETS</b>				
Plant in service	\$ 2,246,932	\$ 2,284,472	\$ 2,323,248	\$ 2,303,860
Construction work in progress	-	-	-	-
Non-operating property	-	-	-	-
Depreciation and amortization reserve	(1,134,870)	(1,172,882)	(1,236,800)	(1,204,841)
Contribution for extensions	(111,138)	(111,138)	(111,138)	(111,138)
Net plant	<u>1,000,924</u>	<u>1,000,452</u>	<u>975,310</u>	<u>987,881</u>
Depreciation reserve cash funds	-	-	-	-
Miscellaneous special cash funds	-	-	-	-
Cash	237,315	227,451	285,822	256,637
Working funds	400	400	400	400
Loans to operating Municipality	-	-	-	-
Materials and supplies	61,048	69,613	64,230	66,922
Receivables from operating municipalities	1,894	2,030	1,288	1,659
Accounts receivable	66,787	79,330	76,512	77,921
Reserve for uncollectibles	(7,400)	(11,500)	(13,500)	(12,500)
Prepayments	-	-	-	-
Miscellaneous current assets	-	-	-	-
Deferred outflows - GASB 68	60,122	60,122	75,299	67,711
<b>Total assets</b>	<u><b>\$ 1,421,090</b></u>	<u><b>\$ 1,427,898</b></u>	<u><b>\$ 1,465,361</b></u>	<u><b>\$ 1,446,630</b></u>
<b>LIABILITIES</b>				
Accounts payable	21,509	23,977	20,223	22,100
Payables to operating Municipality	36,983	79,970	133,864	106,917
Customer deposits	36,402	36,351	32,456	34,404
Taxes accrued	750	2,547	2,711	2,629
Interest accrued	-	-	-	-
Miscellaneous other current liabilities	5,034	5,034	5,180	5,107
Total current liabilities	<u>100,678</u>	<u>147,879</u>	<u>194,434</u>	<u>171,157</u>
Bonds and Loans payable	-	3,375	1,750	2,563
Reserves	-	-	-	-
Net Pension Liability - GASB 68	99,951	99,951	379	50,165
Deferred Inflows - GASB 68	4,018	4,018	113,842	58,930
Total liabilities	<u>204,647</u>	<u>255,223</u>	<u>310,405</u>	<u>282,814</u>
Contributions to municipality	(778,141)	(799,576)	(820,569)	(810,073)
Surplus	1,994,584	1,972,251	1,975,525	1,973,888
Total surplus	<u>1,216,443</u>	<u>1,172,675</u>	<u>1,154,956</u>	<u>1,163,816</u>
<b>Total liabilities and surplus</b>	<u><b>\$ 1,421,090</b></u>	<u><b>\$ 1,427,898</b></u>	<u><b>\$ 1,465,361</b></u>	<u><b>\$ 1,446,630</b></u>

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**INCOME STATEMENTS  
(INCLUDING kWh SALES BY RATE CLASS)**

	<u>Fiscal 2020</u>	<u>Fiscal 2021</u>	<u>Fiscal 2022</u>	<u>Three Year Average</u>
<b>Operating revenues</b>				
A/C 601 Residential sales	\$ 421,370	\$ 468,882	\$ 510,813	\$ 467,022
A/C 602 Commercial sales	26,861	27,604	27,344	27,270
A/C 603 Industrial sales	66,994	69,257	71,593	69,281
A/C 604 Public street lighting - operating municipality	8,966	9,364	9,382	9,237
A/C 605 Public Street lighting - other	-	-	-	-
A/C 606 Other sales to operating municipality	34,519	37,283	35,082	35,628
A/C 607 Other sales to other public authorities	179	186	167	177
A/C 608 Sales to other distributors	-	-	-	-
A/C 610 Security lighting	314	328	328	323
A/C 621 Rent from electric property	-	-	-	-
A/C 622 CES revenues	39,845	43,728	55,861	46,478
A/C 622 Miscellaneous electric revenues	247	955	3,215	1,472
	<u>599,295</u>	<u>657,587</u>	<u>713,785</u>	<u>656,889</u>
<b>Total operating revenues</b>				
	<u>599,295</u>	<u>657,587</u>	<u>713,785</u>	<u>656,889</u>
<b>Operation and maintenance expense</b>				
Electricity purchased	304,390	370,208	385,234	353,277
Transmission expense	-	-	-	-
Poles, towers and fixtures	-	-	-	-
Distribution expense	60,651	44,267	75,873	60,264
Street lighting and signal expense	3,267	933	261	1,487
Customer accounting and collection	7,696	8,782	7,904	8,127
Sales expense	-	-	-	-
Administrative and general expense	213,460	193,738	187,727	198,308
Miscellaneous expense transferred	-	-	-	-
Depreciation	39,485	40,009	40,489	39,994
Taxes - electric	-	-	-	-
Uncollectible revenues	1,675	12,371	2,074	5,373
	<u>630,624</u>	<u>670,308</u>	<u>699,562</u>	<u>666,831</u>
<b>Total operation and maintenance expense</b>				
	<u>630,624</u>	<u>670,308</u>	<u>699,562</u>	<u>666,831</u>
<b>Income (loss) from operations</b>	<u>(31,329)</u>	<u>(12,721)</u>	<u>14,223</u>	<u>(9,942)</u>
<b>Other income (expense)</b>				
Interest income	2	-	-	1
Interest expense	-	(100)	(68)	(56)
Contractual appropriations of income	(9,223)	(9,512)	(10,881)	(9,872)
Miscellaneous interest deductions	-	-	-	-
Other	-	-	-	-
	<u>(9,221)</u>	<u>(9,612)</u>	<u>(10,949)</u>	<u>(9,927)</u>
<b>Total other income (expense)</b>				
	<u>(9,221)</u>	<u>(9,612)</u>	<u>(10,949)</u>	<u>(9,927)</u>
<b>Net Income (loss)</b>	<u>\$ (40,550)</u>	<u>\$ (22,333)</u>	<u>\$ 3,274</u>	<u>\$ (19,870)</u>
<b>kWh Sales</b>				
A/C 601 Residential sales	6,955,591	7,293,550	7,717,540	7,322,227
A/C 602 Commercial sales	395,276	390,932	380,970	389,059
A/C 603 Industrial sales	1,563,369	1,429,078	1,449,050	1,480,499
A/C 604 Public street lighting - operating municipality	78,043	79,464	79,673	79,060
A/C 605 Public street lighting - other	-	-	-	-
A/C 606 Other sales to operating municipality	784,931	730,413	717,210	744,185
A/C 607 Other sales to other public authorities	2,160	2,160	2,160	2,160
A/C 609 Sales to HDL Customers	-	-	-	-
A/C 610 Security lighting	3,120	3,120	3,120	3,120
	<u>9,782,490</u>	<u>9,928,717</u>	<u>10,349,723</u>	<u>10,020,310</u>
<b>Total kWh sold</b>				
	<u>9,782,490</u>	<u>9,928,717</u>	<u>10,349,723</u>	<u>10,020,310</u>

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**STATEMENTS OF SURPLUS**

	<b>Fiscal 2020</b>	<b>Fiscal 2021</b>	<b>Fiscal 2022</b>
<b>BALANCE, <i>beginning of year</i></b>	\$ 1,277,740	\$ 1,216,443	\$ 1,172,675
Add:			
Net income (loss)	(40,550)	(22,333)	3,274
Deduct:			
Contributions to municipality	(20,747)	(21,435)	(20,993)
<b>BALANCE, <i>end of year</i></b>	<b><u>\$ 1,216,443</u></b>	<b><u>\$ 1,172,675</u></b>	<b><u>\$ 1,154,956</u></b>

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**RATE OF RETURN STUDY  
RATE BASE**

**Based on the Year Ended May 31, 2022 (Base Year)**

		(a)	(b)	(c)	(d)	(e)	
		Fiscal		Adjusted	Revenue	Year After	
	<u>Reference (Page, Column, Row)</u>	<u>Year</u>	<u>Adjustments</u>	<u>Year</u>	<u>Change</u>	<u>Revenue</u> <u>Change</u>	
35	Utility Plant in Service	RB, Ln 5 (c)	\$ 2,303,860	\$ 142,885	\$ 2,446,745	\$ -	\$ 2,446,745
36	Construction Work in Progress	RB, Ln 8 (c)	-	-	-	-	-
37	Total Utility Plant	ROR, Ln 35 plus Ln 36	2,303,860	142,885	2,446,745	-	2,446,745
38							
39	Accumulated Provision for Depre and Amort	RB, Ln 14 (c)	(1,204,841)	(7,761)	(1,212,602)	-	(1,212,602)
40							
41	Contributions for Extensions	RB, Ln 17 (c)	(111,138)	-	(111,138)	-	(111,138)
42							
43	Net Utility Plant	ROR, Total Ln 37, Ln 39, Ln 41	987,881	135,124	1,123,005	-	1,123,005
44							
45	Materials and Supplies	RB, Ln 21 (c)	66,922	(2,692)	64,230	-	64,230
46							
47	Prepayments (including prepaid rate filing costs)	RB, Ln 24 (c)	-	20,834	20,834	-	20,834
48							
49	Cash Working Capital	ROR, Ln 74	67,434	6,222	73,655	N/A	73,655
50							
51	<u>Other: (Detail)</u>						
52							
53							
54							
55							
56	Rate Base	ROR, Total Ln 43=>Ln 54	\$ 1,122,237	\$ 159,487	\$ 1,281,724	\$ -	\$ 1,281,724

**VILLAGE OF PHILADLEPHIA  
ELECTRIC DEPARTMENT**

**RATE OF RETURN STUDY  
CASH WORKING CAPITAL  
Based on the Year Ended May 31, 2022 (Base Year)**

		(a)	(b)	(c)	(d)	(e)
	Reference (Page, Column, Row)	Fiscal Year	Adjustments	Adjusted Year	Revenue Change	Year After Revenue Change
57 <u>Cash Working Capital</u>						
58 Total Operating Expenses	ROR, Ln 22	\$ 710,443	\$ 70,417	\$ 780,860	\$ -	\$ 780,860
59						
60 Deduct:						
61 Fuel	ROR, Ln 6	-	-	-	N/A	-
62 Purchased Power	ROR, Ln 7	385,234	(840)	384,394	N/A	384,394
63 Depreciation	ROR, Ln 16	40,489	9,749	50,238	N/A	50,238
64 Other Taxes	ROR, Ln 17	-	7,100	7,100	N/A	7,100
65 Uncollectibles	ROR, Ln 18	2,074	4,075	6,149	N/A	6,149
66						
67						
68 Adjusted Amount	ROR, Ln 58 minus Ln 61=>Ln 67	282,646	50,333	332,979	-	332,979
69						
70 Working Capital - Operating Expenses @ 1/8	ROR, Ln 68/8	35,331	6,292	41,622	N/A	41,622
71						
72 Working Capital - Purchased Power @ 1/12	ROR, Ln 61/12	32,103	(70)	32,033	N/A	32,033
73						
74 Total Cash Working Capital	ROR, Total Ln 70, Ln 72	<u>\$ 67,434</u>	<u>\$ 6,222</u>	<u>\$ 73,655</u>	<u>N/A</u>	<u>\$ 73,655</u>

		(a)	(b)	(c)	(d)	(e)	(f)	
		Balance at	Balance at	Avg	Bal. At Beg.	Bal. At End	Avg.	
	<u>Reference (Page, Column, Row)</u>	Beg of Year	End of Year	Balance	of Rate Year	of Rate Year	Balance	
1	<u>Utility Plant in Service</u>							
2	Operating Property - Electric	Pg 104, Ln 2 (c) & (d)	\$ 2,284,472	\$ 2,323,248	\$ 2,303,860	\$ 2,341,054	\$ 2,552,436	\$ 2,446,745
3	Operating Property - Other Operations	Pg 104, Ln 3 (c) & (d)	-	-	-	-	-	-
4	Operating Property - General	Pg 104, Ln 4 (c) & (d)	-	-	-	-	-	-
5	Utility Plant in Service		<u>\$ 2,284,472</u>	<u>\$ 2,323,248</u>	<u>\$ 2,303,860</u>	<u>\$ 2,341,054</u>	<u>\$ 2,552,436</u>	<u>\$ 2,446,745</u>
6								
7								
8	Construction Work in Progress	Pg 104, Ln 5 (c) & (d)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
9								
10								
11	<u>Accumulated Provision for Depre and Amort</u>							
12	Accumulated Provision for Depreciation	Pg 105, Ln 19 (c) & (d)	\$ 1,172,882	\$ 1,236,800	\$ 1,204,841	\$ 1,289,143	\$ 1,136,061	\$ 1,212,602
13	Accumulated Provision for Amortization	Pg 105, Ln 20 (c) & (d)	-	-	-	-	-	-
14	Accumulated Provision for Depre and Amort		<u>\$ 1,172,882</u>	<u>\$ 1,236,800</u>	<u>\$ 1,204,841</u>	<u>\$ 1,289,143</u>	<u>\$ 1,136,061</u>	<u>\$ 1,212,602</u>
15								
16								
17	Contributions for Extensions	Pg 105, Ln 21 (c) & (d)	<u>\$ 111,138</u>	<u>\$ 111,138</u>	<u>\$ 111,138</u>	<u>\$ 111,138</u>	<u>\$ 111,138</u>	<u>\$ 111,138</u>
18								
19								
21	Materials and Supplies	Pg 104, Ln 18 (c) & (d)	<u>69,613</u>	<u>64,230</u>	<u>\$ 66,922</u>	<u>\$ 64,230</u>	<u>\$ 64,230</u>	<u>\$ 64,230</u>
22								
23								
24	Prepayments (including prepaid rate filing costs)	Pg 104, Ln 23 (c) & (d)	\$ -	\$ -	\$ -	\$ 25,000	\$ 16,667	\$ 20,834

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**DETAIL OF RATE OF RETURN  
Based on the Year Ended May 31, 2022 (Base Year)**

		(a) Balance at Beg of Year	(b) Balance at End of Year	(c) Avg Balance	(d) Bal. At Beg. of Rate Year	(e) Bal. At End of Rate Year	(f) Avg. Balance
<b>Capital Structure</b>	<b>Reference (Page, Column, Row)</b>						
<b>Debt</b>							
Bonds	Pg 105, Ln 2 (c) & (d)	\$ 3,375	\$ 1,750	\$ 2,563	\$ -	\$ 326,588	\$ 163,294
Equipment Obligations - Long-Term	Pg 105, Ln 3 (c) & (d)	-	-	-	-	-	-
Miscellaneous Long-Term Debt	Pg 105, Ln 4 (c) & (d)	-	-	-	-	-	-
Notes Payable	Pg 105, Ln 9 (c) & (d)	-	-	-	-	-	-
Matured Long-Term Debt	Pg 105, Ln 12 (c) & (d)	-	-	-	-	-	-
Unamortized Premium on Debt	Pg 105, Ln 28 (c) & (d)	-	-	-	-	-	-
Unamortized Debt Discount and Expense	Pg 104, Ln 28 (c) & (d)	-	-	-	-	-	-
Debt		\$ 3,375	\$ 1,750	\$ 2,563	\$ -	\$ 326,588	\$ 163,294
Customer Deposits	Pg 105, Ln 10 (c) & (d)	\$ 36,351	\$ 32,456	\$ 34,404	\$ 32,456	\$ 32,456	\$ 32,456
<b>Surplus</b>							
Contributions - Operating Municipality	Pg 105, Ln 32 (c) & (d)	\$ (799,576)	\$ (820,569)	\$ (810,073)	\$ (820,569)	\$ (841,569)	\$ (831,069)
Surplus	Pg 105, Ln 33 (c) & (d)	1,972,251	1,975,525	1,973,888	1,903,690	1,831,855	1,867,773
Balance Sheet effect of GASB 68	Pg 104, Ln 37 (c) & (d)	43,847	38,922	41,385	38,922	38,922	38,922
Surplus		\$ 1,216,522	\$ 1,193,878	\$ 1,205,200	\$ 1,122,043	\$ 1,029,208	\$ 1,075,626
<b>Interest Costs</b>							
<b>Interest on Debt</b>							
Bonds	Pg 252, Ln 20 (k)						\$ 4,899
Equipment Obligations - Long-Term	Pg 252, Ln 28 (k)			68			-
Miscellaneous Long Term-Debt	Pg 252, Ln 35 (k)			-			-
Notes Payable	Pg 250, Ln 22 (g)			-			-
Matured Long-Term Debt	N/A			-			-
Unamortized Premium on Debt (Credit)	Pg 106, Ln 36 (c)			-			-
Amortization of Debt Discount and Expense	Pg 106, Ln 35 (c)			-			-
							-
Interest on Debt				\$ 68			\$ 4,899
Cost Rate				2.65%			3.00%
Interest on Customer Deposits	Pg 309, Ln 10 (f)			\$ -			\$ -
Cost Rate				0.00%			0.00%

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**REVENUE CHANGE  
For the Historic Year Ended May 31, 2022  
and the Rate Year**

	<u>Reference (Page, Column, Row)</u>	<u>Amount</u>	
106 Rate Base	ROR, Ln 30 (e)	1,281,724	
107			
108 Rate of Return	ROR, Ln 32 (e)	4.00%	
109			
110 Required Operating Income	ROR, Ln 106 * Ln 108	51,269	
111			
112 Adjusted Operating Income	ROR, Ln 28 (c)	(71,211)	
113			
114 Deficiency (Surplus)	ROR, Ln 110 - Ln 112	122,480	
115			
116 Retention Factor	ROR, Ln 132	0.9913	
117			
118 Revenue Increase (Decrease)	ROR, Ln 114 / Ln 116	123,554	
119			
120			
121			
122 Calculation of the Retention Factor:		<u>Factor</u>	<u>Proof</u>
123 Sales Revenues		1.0000	123,554
124 - Revenue Taxes	N/A	N/A	N/A
125 - Uncollectibles	ROR, Ln 18/Ln 1	0.0087	1,074
126			
127			
128 Sub-Total	ROR, Ln 123-Total Ln 124=>Ln 127	0.9913	122,480
129			
130 Federal Income Tax @ 35%	N/A	0.00	0
131			
132 Retention Factor	ROR, Ln 128 - Ln 130	0.9913	122,480



**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**CALCULATION OF AVERAGE LINE LOSS AND FACTOR OF ADJUSTMENT  
Based on Line Losses for Fiscal Years 2017 Through 2022**

	<b>kWh Purchases</b>	<b>kWh Line Losses</b>	<b>Annual Line Loss</b>	<b>kWh Electric Dept. Use</b>	<b>kWh Sales</b>
Fiscal Year 2017	10,275,632	227,895	0.022178	-	10,047,737
Fiscal Year 2018	10,600,979	310,529	0.029292	-	10,290,450
Fiscal Year 2019	10,462,213	299,652	0.028641	-	10,162,561
Fiscal Year 2020	10,074,290	291,800	0.028965	-	9,782,490
Fiscal Year 2021	10,238,671	309,954	0.030273	-	9,928,717
Fiscal Year 2022	10,731,008	381,285	0.035531	-	10,349,723
	<u>62,382,793</u>	<u>1,821,115</u>		<u>-</u>	<u>60,561,678</u>
<b>Average Line Loss</b>			<u><b>0.029193</b></u>		

	<b>kWh Purchases</b>	<b>kWh Sales</b>	<b>Annual Factor Of Adjustment</b>
Fiscal Year 2017	10,275,632	10,047,737	1.022681
Fiscal Year 2018	10,600,979	10,290,450	1.030176
Fiscal Year 2019	10,462,213	10,162,561	1.029486
Fiscal Year 2020	10,074,290	9,782,490	1.029829
Fiscal Year 2021	10,238,671	9,928,717	1.031218
Fiscal Year 2022	10,731,008	10,349,723	1.036840
	<u>62,382,793</u>	<u>60,561,678</u>	
<b>Average Factor of Adjustment</b>			<u><b>1.030070</b></u>

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

## COMPARISON OF PRESENT AND PROPOSED RATES

	<u>Present</u>	<u>Proposed</u>	<u>Increase \$</u>	<u>Increase %</u>
<b><u>S.C. No. 1</u></b>				
Customer Charge	\$ 3.27	\$ 3.99	\$ 0.72	22.10%
Non-Winter Rate (May through October) Energy charge, per kWh	\$ 0.0481	\$ 0.0587	\$ 0.0106	22.10%
Winter Rate (November through April) Energy charge, per kWh				
first 1,000 kWh	\$ 0.0481	\$ 0.0587	\$ 0.0106	22.10%
over 1,000 kWh	\$ 0.0620	\$ 0.0757	\$ 0.0137	22.10%
<b><u>S.C. No. 2</u></b>				
Customer Charge	\$ 3.82	\$ 4.66	\$ 0.84	22.10%
Non-Winter Rate (May through October) Energy charge, per kWh	\$ 0.0535	\$ 0.0653	\$ 0.0118	22.10%
Winter Rate (November through April) Energy charge, per kWh	\$ 0.0623	\$ 0.0761	\$ 0.0138	22.10%
<b><u>S.C. No. 3</u></b>				
Demand Charge, per kW	\$ 4.91	\$ 6.00	\$ 1.09	22.10%
Energy Charge, per kWh	\$ 0.0231	\$ 0.0282	\$ 0.0051	22.10%
<b><u>S.C. No. 4</u></b>				
Facilities Charge, per Lamp	\$ 3.71	\$ 4.53	\$ 0.82	22.10%
Energy Charge, per kWh	\$ 0.0402	\$ 0.0491	\$ 0.01	22.10%
<b><u>S.C. No. 5</u></b>				
Facilities Charge, per Lamp	\$ 3.16	\$ 3.86	\$ 0.70	22.10%
Energy Charge, per kWh	\$ 0.0402	\$ 0.0491	\$ 0.0089	22.10%

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 1 - RESIDENTIAL (MAY - OCTOBER)**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
0	\$ 3.27	\$ 3.99	\$ 0.72	22.02%
2	\$ 3.39	\$ 4.13	\$ 0.74	21.89%
10	\$ 3.85	\$ 4.68	\$ 0.83	21.45%
25	\$ 4.72	\$ 5.71	\$ 0.99	20.86%
50	\$ 6.17	\$ 7.42	\$ 1.25	20.25%
75	\$ 7.63	\$ 9.14	\$ 1.52	19.87%
100	\$ 9.08	\$ 10.86	\$ 1.78	19.61%
150	\$ 11.98	\$ 14.29	\$ 2.31	19.28%
200	\$ 14.89	\$ 17.73	\$ 2.84	19.08%
250	\$ 17.79	\$ 21.16	\$ 3.37	18.94%
500	\$ 32.31	\$ 38.33	\$ 6.02	18.63%
750	\$ 46.83	\$ 55.50	\$ 8.67	18.51%
1,000	\$ 61.35	\$ 72.67	\$ 11.32	18.45%
1,500	\$ 90.40	\$ 107.02	\$ 16.62	18.39%
2,000	\$ 119.44	\$ 141.36	\$ 21.92	18.35%
5,000	\$ 293.69	\$ 347.41	\$ 53.72	18.29%
PPA/kWh include.*	0.009984	0.009984		

\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 1 - RESIDENTIAL (NOVEMBER - APRIL)**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
0	\$ 3.27	\$ 3.99	\$ 0.72	22.02%
2	\$ 3.39	\$ 4.13	\$ 0.74	21.89%
10	\$ 3.85	\$ 4.68	\$ 0.83	21.45%
25	\$ 4.72	\$ 5.71	\$ 0.99	20.86%
50	\$ 6.17	\$ 7.42	\$ 1.25	20.25%
75	\$ 7.63	\$ 9.14	\$ 1.52	19.87%
100	\$ 9.08	\$ 10.86	\$ 1.78	19.61%
150	\$ 11.98	\$ 14.29	\$ 2.31	19.28%
200	\$ 14.89	\$ 17.73	\$ 2.84	19.08%
250	\$ 17.79	\$ 21.16	\$ 3.37	18.94%
500	\$ 32.31	\$ 38.33	\$ 6.02	18.63%
750	\$ 46.83	\$ 55.50	\$ 8.67	18.51%
1,000	\$ 61.35	\$ 72.67	\$ 11.32	18.45%
1,500	\$ 97.35	\$ 115.52	\$ 18.17	18.67%
2,000	\$ 133.34	\$ 158.36	\$ 25.02	18.76%
5,000	\$ 349.29	\$ 415.41	\$ 66.12	18.93%
PPA/kWh include.*	0.009984	0.009984		

\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 2 - GENERAL SERVICE - NON-DEMAND METERED (MAY - OCTOBER)**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
0	\$ 3.82	\$ 4.66	\$ 0.84	21.99%
2	\$ 3.95	\$ 4.81	\$ 0.86	21.88%
10	\$ 4.45	\$ 5.41	\$ 0.96	21.50%
25	\$ 5.41	\$ 6.54	\$ 1.14	20.99%
50	\$ 6.99	\$ 8.42	\$ 1.43	20.45%
75	\$ 8.58	\$ 10.31	\$ 1.73	20.10%
100	\$ 10.17	\$ 12.19	\$ 2.02	19.87%
150	\$ 13.34	\$ 15.95	\$ 2.61	19.56%
200	\$ 16.52	\$ 19.72	\$ 3.20	19.37%
250	\$ 19.69	\$ 23.48	\$ 3.79	19.25%
500	\$ 35.56	\$ 42.30	\$ 6.74	18.95%
750	\$ 51.43	\$ 61.12	\$ 9.69	18.84%
1,000	\$ 67.30	\$ 79.94	\$ 12.64	18.78%
1,500	\$ 99.05	\$ 117.59	\$ 18.54	18.72%
2,000	\$ 130.79	\$ 155.23	\$ 24.44	18.69%
5,000	\$ 321.24	\$ 381.08	\$ 59.84	18.63%
10,000	\$ 638.66	\$ 757.50	\$ 118.84	18.61%
PPA/kWh include.*	0.009984	0.009984		

\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 2 - GENERAL SERVICE - NON-DEMAND METERED (NOVEMBER - APRIL)**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
0	\$ 3.82	\$ 4.66	\$ 0.84	21.99%
2	\$ 3.96	\$ 4.83	\$ 0.87	21.88%
10	\$ 4.54	\$ 5.52	\$ 0.98	21.53%
25	\$ 5.63	\$ 6.81	\$ 1.19	21.06%
50	\$ 7.43	\$ 8.96	\$ 1.53	20.58%
75	\$ 9.24	\$ 11.12	\$ 1.88	20.29%
100	\$ 11.05	\$ 13.27	\$ 2.22	20.09%
150	\$ 14.66	\$ 17.57	\$ 2.91	19.85%
200	\$ 18.28	\$ 21.88	\$ 3.60	19.70%
250	\$ 21.89	\$ 26.18	\$ 4.29	19.60%
500	\$ 39.96	\$ 47.70	\$ 7.74	19.37%
750	\$ 58.03	\$ 69.22	\$ 11.19	19.28%
1,000	\$ 76.10	\$ 90.74	\$ 14.64	19.24%
1,500	\$ 112.25	\$ 133.79	\$ 21.54	19.19%
2,000	\$ 148.39	\$ 176.83	\$ 28.44	19.17%
5,000	\$ 365.24	\$ 435.08	\$ 69.84	19.12%
PPA/kWh include.*	0.009984	0.009984		

\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 3 - GENERAL SERVICE - DEMAND METERED**

<u>kW</u>	<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
50	1,000	\$ 278.58	\$ 338.18	\$ 59.60	21.39%
	1,500	\$ 295.13	\$ 357.28	\$ 62.15	21.06%
	2,000	\$ 311.67	\$ 376.37	\$ 64.70	20.76%
75	2,000	\$ 434.42	\$ 526.37	\$ 91.95	21.17%
	3,000	\$ 467.50	\$ 564.55	\$ 97.05	20.76%
	4,000	\$ 500.59	\$ 602.74	\$ 102.15	20.41%
100	5,000	\$ 656.42	\$ 790.92	\$ 134.50	20.49%
	7,500	\$ 739.13	\$ 886.38	\$ 147.25	19.92%
	10,000	\$ 821.84	\$ 981.84	\$ 160.00	19.47%
PPA/kWh include.*		0.009984	0.009984		

\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 4 - PRIVATE OUTDOOR LIGHTING**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
100	\$ 8.73	\$ 10.44	\$ 1.71	19.59%
200	\$ 13.75	\$ 16.35	\$ 2.60	18.91%
500	\$ 28.80	\$ 34.07	\$ 5.27	18.30%
PPA/kWh include.:	0.009984	0.009984		



**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT  
COMPARISON OF MONTHLY BILLS**

**S.C. No. 5 - STREET LIGHTING**

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase</u> <u>\$</u>	<u>Increase</u> <u>%</u>
100	\$ 8.18	\$ 9.77	\$ 1.59	19.44%
200	\$ 13.20	\$ 15.68	\$ 2.48	18.79%
500	\$ 28.25	\$ 33.40	\$ 5.15	18.23%

PPA/kWh include.*	0.009984	0.009984
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\* = PPAC factor in effect during Rate Year (equivalent to average PPAC Factor in Base Year)

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTOPERATING PROPERTY ANALYSIS,  
Including Additions and Depreciation Calculations  
Linking Period Through Rate Year

A/C#	5/31/22 Beg of Yr. Bal.	Estimated Additions, net of Retirements 6/1/2022 to 1/31/2023	Projected 1/31/23 End of Period Bal	Rate Year Forecasted Additions	Rate Year Forecasted Retirements	Projected 1/31/24 End of Rate Yr. Bal
301	\$ 177	\$ -	\$ 177	\$ -	\$ -	\$ 177
302	-	-	-	-	-	-
303	-	-	-	-	-	-
311	269	-	269	-	-	269
312	78,396	-	78,396	-	-	78,396
321	-	-	-	-	-	-
322	-	-	-	-	-	-
323	-	-	-	-	-	-
325	-	-	-	-	-	-
331	-	-	-	-	-	-
332	-	-	-	-	-	-
333	-	-	-	-	-	-
334	-	-	-	-	-	-
342	-	-	-	-	-	-
344	-	-	-	-	-	-
345	-	-	-	-	-	-
351	-	-	-	-	-	-
352	-	-	-	-	-	-
353	-	-	-	-	-	-
354	-	-	-	-	-	-
358	302,997	4,455	307,452	81,050	(21,600)	366,902
359	-	-	-	-	-	-
361	732,430	-	732,430	-	-	732,430
362	-	-	-	-	-	-
363	193,630	2,973	196,603	5,150	-	201,753
364	84,570	522	85,092	4,000	-	89,092
365	218,568	5,121	223,689	1,150	-	224,839
366	73,416	951	74,367	1,150	-	75,517
367	-	-	-	-	-	-
368	88,002	1,377	89,379	7,900	-	97,279
369	1,645	-	1,645	-	-	1,645
370	4,227	-	4,227	-	-	4,227
371	59,596	2,408	62,004	22,220	(6,350)	77,874
381	21,739	-	21,739	-	-	21,739
382	10	-	10	-	-	10
383	267	-	267	-	-	267
384	372,974	-	372,974	326,588	(209,876)	489,686
385	-	-	-	-	-	-
386	12,878	-	12,878	-	-	12,878
387	77,457	-	77,457	-	-	77,457
388	-	-	-	-	-	-
391	-	-	-	-	-	-
392	-	-	-	-	-	-
393	-	-	-	-	-	-
	<u>\$ 2,323,248</u>	<u>\$ 17,806</u>	<u>\$ 2,341,054</u>	<u>\$ 449,208</u>	<u>\$ (237,826)</u>	<u>\$ 2,552,436</u>

(a)

(a) - Includes capitalized salaries, materials, engineering, contracted and related overheads.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTDEPRECIATION CALCULATIONS  
Linking Period Year Ended January 31, 2023

A/C#	5/31/22	1/31/2023	Avg. Gross Bal.	Less:	Avg. Balance Subject to Depreciation	Dep. Rate	Depreciation Reserves				1/31/2023	Remaining Cost
	Beg of Yr. Bal.	End of Period Bal.		Contributions for Extension			Depreciation Expense A/C#	Amt. (A)	Beg of Yr. Bal.	(Retirements) Salvage	End of Period Bal.	
301	\$ 177	\$ 177	\$ 177	\$ -	\$ 177	-		\$ -	\$ -	\$ -	\$ -	\$ 177
302	-	-	-	-	-	-		-	-	-	-	-
303	-	-	-	-	-	-		-	-	-	-	-
311	269	269	269	-	269	-	743 & 788	-	-	-	-	269
312	78,396	78,396	78,396	-	78,396	1.77%	738	925	44,985	-	45,910	32,486
321	-	-	-	-	-	-		-	-	-	-	-
322	-	-	-	-	-	-		-	-	-	-	-
323	-	-	-	-	-	-		-	-	-	-	-
325	-	-	-	-	-	-		-	-	-	-	-
331	-	-	-	-	-	-	711	-	-	-	-	-
332	-	-	-	-	-	-	711	-	-	-	-	-
333	-	-	-	-	-	-	711	-	-	-	-	-
334	-	-	-	-	-	-	711	-	-	-	-	-
342	-	-	-	-	-	-	717	-	-	-	-	-
344	-	-	-	-	-	-	717	-	-	-	-	-
345	-	-	-	-	-	-	717	-	-	-	-	-
351	-	-	-	-	-	-	733	-	-	-	-	-
352	-	-	-	-	-	-	733	-	-	-	-	-
353	-	-	-	-	-	-	738	-	-	-	-	-
354	-	-	-	-	-	-	733	-	-	-	-	-
358	302,997	307,452	305,225	(32,698)	272,527	3.11%	738	5,650	119,784	-	125,434	182,018
359	-	-	-	-	-	-	738	-	-	-	-	-
361	732,430	732,430	732,430	(76,841)	655,589	2.08%	743	9,091	490,614	-	499,705	232,725
362	-	-	-	-	-	-	743	-	-	-	-	-
363	193,630	196,603	195,117	(1,599)	193,518	1.80%	743	2,322	24,466	-	26,788	169,815
364	84,570	85,092	84,831	-	84,831	1.80%	743	1,018	32,234	-	33,252	51,840
365	218,568	223,689	221,129	-	221,129	2.31%	743	3,405	91,976	-	95,381	128,308
366	73,416	74,367	73,892	-	73,892	2.09%	743	1,030	1,030	-	2,060	72,307
367	-	-	-	-	-	-	743	-	-	-	-	-
368	88,002	89,379	88,690	-	88,690	3.33%	743	1,969	45,570	-	47,539	41,840
369	1,645	1,645	1,645	-	1,645	3.33%	743	37	1,505	-	1,542	103
370	4,227	4,227	4,227	-	4,227	2.25%	743	63	(95)	-	(32)	4,259
371	59,596	62,004	60,800	-	60,800	2.25%	753	912	(3,743)	-	(2,831)	64,835
381	21,739	21,739	21,739	-	21,739	4.00%	788	580	23,873	-	24,453	(2,714)
382	10	10	10	-	10	-	788	-	10	-	10	-
383	267	267	267	-	267	-	788	-	267	-	267	-
384	372,974	372,974	372,974	-	372,974	8.00%	804	19,892	317,810	-	337,702	35,272
385	-	-	-	-	-	-	788	-	-	-	-	-
386	12,878	12,878	12,878	-	12,878	3.32%	788	285	9,289	-	9,574	3,304
387	77,457	77,457	77,457	-	77,457	10.00%	743	5,164	37,225	-	42,389	35,068
388	-	-	-	-	-	-	788	-	-	-	-	-
391	-	-	-	-	-	-	788	-	-	-	-	-
	\$ 2,323,248	\$ 2,341,054	\$ 2,332,151	\$ (111,138)	\$ 2,221,013			\$ 52,343	\$ 1,236,800	\$ -	\$ 1,289,143	\$ 1,051,911

Amount of depreciation expense charged to:

A/C#	Amount Charged
711	\$ -
717	-
733	-
738	6,575
743	24,099
753	912
788	865
804	19,892
	<u>\$ 52,343</u>

(included in overhead allocation)

32,451	Depreciation Expense - Linking period of 6/1/2022 to 1/31/2023
19,892	Depreciation charges on trucks allocated through work orders - Linking period of 6/1/2022 to 1/31/2023
<u>\$ 52,343</u>	

(A) - Depreciation expense during the linking period of 6/1/2022 to 1/31/2023 is presented as 8 months of annual depreciation expense.

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENTDEPRECIATION CALCULATIONS  
Rate Year

A/C#	1/31/2023	1/31/2024	Avg. Gross Bal.	Less:	Avg. Balance Subject to Depreciation	Dep. Rate	Depreciation Reserves			1/31/2024	Remaining Cost	
	Beg of Yr. Bal.	End of Yr. Bal.		Contributions for Extension			Depreciation Expense A/C#	Amt.	Beg of Yr. Bal.	(Retirements) Salvage		End of Yr. Bal.
301	\$ 177	\$ 177	\$ 177	\$ -	\$ 177	-		\$ -	\$ -	\$ -	\$ -	\$ 177
302	-	-	-	-	-	-		-	-	-	-	-
303	-	-	-	-	-	-		-	-	-	-	-
311	269	269	269	-	269	-	743 & 788	-	-	-	-	269
312	78,396	78,396	78,396	-	78,396	1.77%	738	1,388	45,910	-	47,298	31,098
321	-	-	-	-	-	-		-	-	-	-	-
322	-	-	-	-	-	-		-	-	-	-	-
323	-	-	-	-	-	-		-	-	-	-	-
325	-	-	-	-	-	-		-	-	-	-	-
331	-	-	-	-	-	-		-	-	-	-	-
332	-	-	-	-	-	-	711	-	-	-	-	-
333	-	-	-	-	-	-	711	-	-	-	-	-
334	-	-	-	-	-	-	711	-	-	-	-	-
342	-	-	-	-	-	-	717	-	-	-	-	-
344	-	-	-	-	-	-	717	-	-	-	-	-
345	-	-	-	-	-	-	717	-	-	-	-	-
351	-	-	-	-	-	-	733	-	-	-	-	-
352	-	-	-	-	-	-	733	-	-	-	-	-
353	-	-	-	-	-	-	738	-	-	-	-	-
354	-	-	-	-	-	-	733	-	-	-	-	-
358	307,452	366,902	337,177	(32,698)	304,479	3.11%	738	9,469	125,434	-	134,904	231,998
359	-	-	-	-	-	-	738	-	-	-	-	-
361	732,430	732,430	732,430	(76,841)	655,589	2.08%	743	13,636	499,705	(21,600)	491,741	240,689
362	-	-	-	-	-	-	743	-	-	-	-	-
363	196,603	201,753	199,178	(1,599)	197,579	1.80%	743	3,556	26,788	-	30,345	171,408
364	85,092	89,092	87,092	-	87,092	1.80%	743	1,568	33,252	-	34,820	54,272
365	223,689	224,839	224,264	-	224,264	2.31%	743	5,180	95,381	-	100,562	124,277
366	74,367	75,517	74,942	-	74,942	2.09%	743	1,566	2,060	-	3,626	71,891
367	-	-	-	-	-	-	743	-	-	-	-	-
368	89,379	97,279	93,329	-	93,329	3.33%	743	3,108	47,539	-	50,647	46,632
369	1,645	1,645	1,645	-	1,645	3.33%	743	55	1,542	-	1,596	49
370	4,227	4,227	4,227	-	4,227	2.25%	743	95	(32)	-	64	4,163
371	62,004	77,874	69,939	-	69,939	2.25%	753	1,574	(2,831)	(6,350)	(7,607)	85,481
381	21,739	21,739	21,739	-	21,739	4.00%	788	870	24,453	-	25,322	(3,583)
382	10	10	10	-	10	-	788	-	10	-	10	-
383	267	267	267	-	267	-	788	-	267	-	267	-
384	372,974	489,686	431,330	-	431,330	8.00%	804	34,506	337,702	(209,876)	162,332	327,354
385	-	-	-	-	-	-	788	-	-	-	-	-
386	12,878	12,878	12,878	-	12,878	3.32%	788	428	9,574	-	10,002	2,876
387	77,457	77,457	77,457	-	77,457	10.00%	743	7,746	42,389	-	50,135	27,323
388	-	-	-	-	-	-	788	-	-	-	-	-
391	-	-	-	-	-	5.00%	788	-	-	-	-	-
	\$ 2,341,054	\$ 2,552,436	\$ 2,446,745	\$ (111,138)	\$ 2,335,607			\$ 84,745	\$ 1,289,143	\$ (237,826)	\$ 1,136,061	\$ 1,416,374

Amount of depreciation expense charged to:

A/C#	Amount Charged	
711	\$ -	
717	-	
733	-	
738	10,857	
743	36,511	
753	1,574	
788	1,297	
804	34,506	(included in overhead allocation)
	<u>\$ 84,745</u>	
	50,238	Depreciation Expense - Rate Year
	34,506	Depreciation charges on trucks allocated through work orders - Rate Year
	<u>\$ 84,745</u>	

## VILLAGE OF PHILADELPHIA

## ELECTRIC DEPARTMENT

## FORECASTED CAPITAL IMPROVEMENTS

## Linking Period and Rate Year

The Village has identified certain capital improvements expected to be completed during the period 6/1/2022 to 1/31/2023 (Linking Period) and the Rate Year. These improvements include material costs and capitalized labor and overhead, and is netted of retirements in the chart below.

Linking Period 6/1/2022 to 1/31/2023Projects (represents 8/12ths of average)

	<u>Labor</u>	<u>Material</u>	<u>Engineer</u>	<u>Contractor</u>	<u>Truck Overhead**</u>	<u>Material Overhead**</u>	<u>Employee Ben Overhead**</u>	<u>Total Cost</u>	<u>Retired Equipment</u>	<u>Account Number</u>
Poles and related fixtures (estimated 6/1/2022 to 1/31/2023)	1,000	1,960	-	-	350	195	950	4,455	-	358
Distribution Overhead Conductors (estimated 6/1/2022 to 1/31/2023)	500	1,660	-	-	175	163	475	2,973	-	363
Distribution Underground Conductors (estimated 6/1/2022 to 1/31/2023)	200	55	-	-	70	7	190	522	-	364
Line Transformers (estimated 6/1/2022 to 1/31/2023)	500	3,610	-	-	175	361	475	5,121	-	365
Overhead Services (estimated 6/1/2022 to 1/31/2023)	200	450	-	-	70	41	190	951	-	366
Consumer Meters (estimated 6/1/2022 to 1/31/2023)	100	1,045	-	-	35	102	95	1,377	-	368
Street Lighting (estimated 6/1/2022 to 1/31/2023)	500	1,145	-	-	175	113	475	2,408	-	371
<b>Total Anticipated Cap Improv. - Linking Period 6/1/2022 to 1/31/2023</b>	<b>\$ 3,000</b>	<b>\$ 9,925</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,050</b>	<b>\$ 981</b>	<b>\$ 2,850</b>	<b>\$ 17,806</b>	<b>\$ -</b>	

Rate YearProject

	<u>Labor</u>	<u>Material</u>	<u>Engineer</u>	<u>Contractor</u>	<u>Truck Overhead</u>	<u>Material Overhead</u>	<u>Employee Ben Overhead</u>	<u>Total Cost</u>	<u>Retired Equipment</u>	<u>Account Number</u>
Poles and related fixtures (Sandy Hollow Road)	\$ -	\$ -	\$ -	\$ 75,350	\$ -	\$ -	\$ -	\$ 75,350	\$ 21,600	358
Street Lighting (LED)	-	-	-	19,920	-	-	-	19,920	6,350	371
Bucket Truck (Altec quote-Village committed)	-	-	-	326,588	-	-	-	326,588	209,876	384
	-	-	-	421,858	-	-	-	421,858	237,826	
<b>Re-occurring Capital Improvements</b>										
Poles and related fixtures	2,000	1,000	-	-	700	100	1,900	5,700	-	358
Distribution Overhead Conductors	2,000	500	-	-	700	50	1,900	5,150	-	363
Distribution Underground Conductors	1,500	500	-	-	525	50	1,425	4,000	-	364
Line Transformers	500	-	-	-	175	-	475	1,150	-	365
Overhead Services	500	-	-	-	175	-	475	1,150	-	366
Consumer Meters	2,000	3,000	-	-	700	300	1,900	7,900	-	368
Street Lighting	1,000	-	-	-	350	-	950	2,300	-	371
	9,500	5,000	-	-	3,325	500	9,025	27,350	-	
<b>Total Anticipated Capital Improvements - Rate Year</b>	<b>\$ 9,500</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 421,858</b>	<b>\$ 3,325</b>	<b>\$ 500</b>	<b>\$ 9,025</b>	<b>\$ 449,208</b>	<b>\$ 237,826</b>	

**\*\*Overhead Percentages in place for Fiscal Year ended May 31, 2023**

Truck overhead costs calculated at 35% of Direct Labor cost

Material overhead costs calculated at 10% of Material cost

Employee benefits and supervision overhead costs calculated at 50% and 45% of Labor Costs, respectively.

## **Revised Tariff Leaves**

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 1  
REVISION: 2  
SUPERSEDING REVISION: 1

COVER

VILLAGE OF PHILADELPHIA  
CONCURRENCE TARIFF

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 2  
REVISION: 4  
SUPERSEDING REVISION: 3

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PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 3  
REVISION: 2  
SUPERSEDING REVISION: 1

#### GENERAL INFORMATION

A. CONCURRENCE:

The Village of Philadelphia concurs in and agrees to abide by the rules and regulations as set forth in the generic tariff filed by the New York Municipal Power Agency (NYMPA) in Case No. 97-E-1575.

B. TERRITORY TO WHICH SCHEDULE APPLIES:

These rates, rules and regulations are applicable to the Village/City of Philadelphia and that portion of the Town (s) of Philadelphia served under franchises granted to the Village/City of Philadelphia.

PSC NO: 1 ELECTRICITY  
 COMPANY: VILLAGE OF PHILADELPHIA  
 INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 4  
 REVISION: 3  
 SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 1  
 Residential

APPLICABLE TO USE OF SERVICE FOR:

Single-phase residential purpose usage in an individual residence; in an individual flat or individual apartment in a multiple-family dwelling; for residential purposes in a rooming house where not more than four (4) rooms are available for rent; and for single phase farm service when supplied through the farm residence meter; use exclusively in connection with religious purposes by corporations or associations organized and conducted in good faith for religious purposes, and including the operation by such corporation or association of a school, notwithstanding that secular subjects are taught at such school; for single-phase service exclusively in connection with a community residence as defined in subdivision 28, 28A or 28B of section 1.03 of the Mental Hygiene Law, provided that such residence is operated by a not-for-profit corporation and if supervisory staff is on site on a twenty-four hour per day basis that the residence provides living accommodations for fourteen or fewer residents; and use for any post or hall owned or leased by a not-for-profit organization that is a veterans organization.

CHARACTER OF SERVICE:

Continuous alternating current at approximately 60 hertz, single phase 120/240 volts.

MONTHLY RATE:

	<u>Rate</u>
Customer Charge	\$ 3.99
Energy Charge, per kWh	
Non-Winter Rate (May - October)	\$ 0.0587
Winter Rate (November - April)	
First 1000 kWh	\$ 0.0587
Over 1000 kWh	\$ 0.0757

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 5  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 1 (CONT'D)  
Residential

MINIMUM CHARGE:

The minimum charge is the customer charge.

TERMS OF PAYMENT:

All bills are due when rendered. Full payment must be received on or before the date shown on the bill to avoid a late payment charge of 1.5% as provided in Rule VIII of the NYMPA generic tariff.

TERMS OF SERVICE:

Unless otherwise provided by the service classification, the customer shall take or pay for service for an initial period as follows:

- A. For single phase service where an extension of lines, the installation of a new service lateral, or of special transformers, or other facilities is required; one year.
- B. In all other cases; one month.

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in Rule IX of the NYMPA generic tariff.

BASE PURCHASED POWER PER KILOWATT-HOUR:

The base purchase power cost per kilowatt-hour pursuant to Rule IX.B of the NYMPA generic tariff is \$.023457.

FACTOR OF ADJUSTMENT:

The factor of adjustment pursuant to Rule IX.D of the NYMPA generic tariff is 1.030070.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 6  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 2  
General Service - Non-demand Metered

APPLICABLE TO USE OF SERVICE FOR:

Commercial establishments using less than 6000 kilowatt-hours per month, available throughout the territory described in the general information of this schedule.

CHARACTER OF SERVICE:

Continuous alternating current at approximately 60 hertz, single-phase or polyphase as required.

MONTHLY RATE:

	<u>Rate</u>
Customer Charge	\$4.66
Energy Charge, per kWh	
Non-Winter Rate (May - October)	\$0.0653
Winter Rate (November - April)	\$0.0761

MINIMUM CHARGE:

The minimum charge is the customer charge.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 7  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 2 (CONT'D)  
General Service - Non-demand Metered

TERMS OF PAYMENT:

All bills are due when rendered. Full payment must be received on or before the date shown on the bill to avoid a late payment charge of 1.5% as provided in Rule VIII of the NYMPA generic tariff.

TERMS OF SERVICE:

Unless otherwise provided by the service classification, the customer shall take or pay for service for an initial period as follows:

- A. For polyphase service, or for single-phase service where an extension of lines, the installation of a new service lateral or of special transformers, or other facilities is required; one year.
- B. In all other cases; one month.

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in Rule IX of the NYMPA generic tariff.

BASE PURCHASED POWER PER KILOWATT-HOUR:

The base purchase power cost per kilowatt-hour pursuant to Rule IX.B of the NYMPA generic tariff is \$.023457.

FACTOR OF ADJUSTMENT:

The factor of adjustment pursuant to Rule IX.D of the NYMPA generic tariff is 1.030070.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 8  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 3  
General Service - Demand Metered

APPLICABLE TO USE OF SERVICE FOR:

Commercial and industrial establishments using 6000 kilowatt-hours per month, or more, available throughout the territory described in the general information of this schedule.

CHARACTER OF SERVICE:

Continuous alternating current at approximately 60 hertz, single-phase or polyphase as required.

DETERMINATION OF DEMAND:

Customers in this service classification will be charged for kilowatt demand. Demand shall be measured at 15 minute intervals and shall be the greater of:

- A. The maximum demand occurring for the month, OR
- B. 75% of the highest peak demand occurring during the preceding 11 months.

MONTHLY RATE:

	<u>Rate</u>
Energy Charge, per kWh	\$ 0.0282
Demand Charge, per kWh	\$ 6.00

MINIMUM CHARGE:

The minimum charge is the demand charge.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 9  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 3 (CONT'D)  
General Service - Demand Metered

TERMS OF PAYMENT:

All bills are due when rendered. Full payment must be received on or before the date shown on the bill to avoid a late payment charge of 1.5% as provided in Rule VIII of the NYMPA generic tariff.

TERMS OF SERVICE:

Customers in this classification that reduce energy consumption and demand to less than 6,000 kWh and less than 20 kW per month, respectively, during each winter month (November-April) shall be changed to Service Classification No. 2.

SPECIAL PROVISIONS:

- A. Written application for service upon the prescribed village form is required.
- B. The Village shall not be required to provide facilities to supply service in excess of the amount of the active demand specified in the application for service.

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in Rule IX of the NYMPA generic tariff.

BASE PURCHASED POWER PER KILOWATT-HOUR:

The base purchase power cost per kilowatt-hour pursuant to Rule IX.B of the NYMPA generic tariff is \$.023457.

FACTOR OF ADJUSTMENT:

The factor of adjustment pursuant to Rule IX.D of the NYMPA generic tariff is 1.030070.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 10  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 4  
Private Outdoor Lighting

APPLICABLE TO USE OF SERVICE FOR:

Private outdoor lighting from multiple circuits. Monthly charges are assessed at a flat rate per fixture.

CHARACTER OF SERVICE:

Limited period, approximately 4200 hrs. per year, 60 hertz alternating current at approximately 120/240 volts.

MONTHLY RATE:

	<u>Rate</u>
Facilities Charge, per lamp	\$4.53
Energy Charge, per kWh	\$0.0491

TERM:

One year from date of installation and yearly thereafter until canceled by the customer upon 30 days notice.

TERMS OF PAYMENT:

All bills are due when rendered. Full payment must be received on or before the date shown on the bill to avoid a late payment charge of 1.5% as provided in Rule VIII of the NYMPA generic tariff.

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in Rule IX of the NYMPA generic tariff.



PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 11  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 4 (CONT'D)  
Private Outdoor Lighting

BASE PURCHASED POWER PER KILOWATT-HOUR:

The base purchase power cost per kilowatt-hour pursuant to Rule IX.B of the NYMPA generic tariff is \$.023457.

FACTOR OF ADJUSTMENT:

The factor of adjustment pursuant to Rule IX.D of the NYMPA generic tariff is 1.030070.

SPECIAL PROVISIONS:

- A. The Village shall furnish, install, own, operate, and maintain a photo electrically controlled luminaire complete with suitable pipe bracket, ballast, and a multiple lamp at the wattage designated under the rate charge desired. The Village shall furnish a service span of 100 feet. When the service span is longer than 100 feet, the customer shall pay for the additional cable used.
- B. The customer shall provide a pole or other support of the required mounting height to provide proper light distribution except that the Village may elect to install the unit on its own pole if one is available.
- C. Lighting service will be provided every night and all night during the hours between sunset and sunrise, aggregating about 4,200 hours per year unless prevented by accidents or other causes beyond the control of the Village.
- D. The customer shall notify the Village whenever the unit fails to operate and the Village shall replace the lamp and/or make the necessary repairs with reasonable promptness.
- E. The contract is subject to cancellation by the Village in the event that maintenance or lamp replacement becomes excessive due to vandalism or other unforeseen causes.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 12  
REVISION: 2  
SUPERSEDING REVISION: 1

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PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 13  
REVISION: 3  
SUPERSEDING REVISION: 2

SERVICE CLASSIFICATION NO. 5  
Street Lighting

APPLICABLE TO USE OF SERVICE FOR:

Municipal Street Lighting. The utility may meter one service and impute this measured service to the other services of the same size and character. In that event, monthly charges are assessed by multiplying the usage of one metered fixture by the total number of fixtures.

CHARACTER OF SERVICE:

Continuous, 240/480 volts, approximately 60 hertz alternating current.

MONTHLY RATE:

	<u>Rate</u>
Facilities Charge, per lamp	\$ 3.86
Energy Charge, Per kWh	\$ 0.0491

TERMS OF PAYMENT:

All bills are due when rendered. Full payment must be received on or before the date shown on the bill to avoid a late payment charge of 1.5% as provided in Rule VIII of the NYMPA generic tariff.

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in Rule IX of the NYMPA generic tariff.

PSC NO: 1 ELECTRICITY  
COMPANY: VILLAGE OF PHILADELPHIA  
INITIAL EFFECTIVE DATE: 02/01/2023

LEAF: 14  
REVISION: 2  
SUPERSEDING REVISION: 1

## CHARGES

### INSUFFICIENT FUNDS CHECK CHARGE

Any checks received in payment for electric service which are returned to the municipality for insufficient funds or are otherwise dishonored by the bank, shall bear a nonrecurring charge of \$10.00 for each check that has to be processed by the municipality. If two checks have been returned by the bank, the customer who issued the dishonored checks may be required by the municipality to render future payments by cash, money order, certified or cashiers check.

Post-dated checks shall be returned to the customer as invalid for the transaction. Only United States currency shall be accepted for payment of accounts due the municipality.

Only United States currency shall be accepted for payment of accounts due to the Municipality.

## **Workpapers**

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**WEATHER NORMALIZATION OF REVENUES (BASED ON MAY 31, 2022)**

Assume non-weather load to be average of lowest two months kWh Sales

**From 5/31/22 Annual Report: Actual kWh & Actual Base Revenue**

	kWh Sold			Base Revenue		
	Winter	Summer	Total	Winter	Summer	Summer
	Nov-April kWh	May-Oct kWh	kWh	Nov-April \$	May-Oct \$	\$
601 Residential	5,137,427	2,580,113	7,717,540	\$ 291,839	\$ 136,432	\$ 428,271
602 Commercial	227,435	153,535	380,970	\$ 14,753	\$ 8,736	\$ 23,489
Total	5,364,862	2,733,648	8,098,510	\$ 306,592	\$ 145,168	\$ 451,760

**Weather Normalization - Sales**

	Nov-April kWh	Nov-April kWh	Increase/(Decrease)	Adjusted
	Non-Weather kWh	Weather kWh	Weather Load	Nov-Apr kWh
601 Residential	2,408,670	2,728,757	2,705,290	5,113,960
602 Commercial	141,540	85,895	85,156	226,696
Total	2,550,210	2,814,652	2,790,446	5,340,656
	kWh	%		
	Adjustment	Adjustment		
After Adjustment	5,340,656			
Before Adjustment	5,364,862			
Adjustment	(24,206)	-0.45%		
	Nov-April	Nov-April		
	Non-Weather \$	Weather \$		
601 Residential	\$ 291,839	290,522		
602 Commercial	\$ 14,753	14,686		
Total	\$ 306,592	305,208	\$ (1,384)	

**Weather Normalization - Purchased Power**

Change in kWh	(24,206)
Base Cost of Power	\$ 0.023457
FOA - Rate Year	1.030070
	\$ 0.024162
Adjustment	\$ (585)

	Staff	Revenue Req.
	Adjustment	Effect
Revenue	\$ (1,384)	\$ 1,384
Purchased Power	\$ (585)	\$ (585)
Net		\$ 799

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**WEATHER NORMALIZATION OF REVENUES - kWh Usage (BASED ON MAY 31, 2022)**

**5/31/2022 Sales - From Annual Report**

**601-Residential**

	<u>kWh</u>	<u>Lowest Two Months</u>	<u>Base Revenues</u>
June	398,459	398,459	\$ 21,210
July	469,571	0	24,640
August	441,257	0	23,288
September	404,431	404,431	21,503
October	423,487	0	22,433
November	592,711	0	33,045
December	957,011	0	54,497
January	1,089,762	0	62,679
February	981,418	0	56,153
March	825,362	0	46,737
April	691,163	0	38,728
May	442,908	0	23,358
<b>TOTALS</b>	<b>7,717,540</b>		<b>\$ 428,271</b>
<b>AVERAGES</b>		<b>401,445</b>	

**602-Commercial**

	<u>kWh</u>	<u>Lowest Two Months</u>	<u>Base Revenues</u>
June	25,548	0	\$ 1,421
July	29,996	0	1,698
August	25,896	0	1,463
September	23,615	23,615	1,357
October	24,915	0	1,427
November	25,503	0	1,684
December	39,668	0	2,566
January	44,349	0	2,857
February	45,053	0	2,902
March	39,593	0	2,569
April	33,269	0	2,175
May	23,565	23,565	1,370
<b>TOTALS</b>	<b>380,970</b>		<b>\$ 23,489</b>
<b>AVERAGES</b>		<b>23,590</b>	

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

WEATHER NORMALIZATION CALCULATIONS - HEATING DEGREE DATA (BASED ON MAY 31, 2022)

Heating Degree Data

<https://www.nyserda.ny.gov/About/Publications/EA-Reports-and-Studies/Weather-Data/Monthly-Cooling-and-Heating-Degree-Day-Data>

Watertown, New York

Season	Nov	Dec	Jan	Feb	Mar	Apr	Total	% Deviation from 10 Year Average
2012-13	863	1,027	1,216	1,209	1,013	633	5,961	
2013-14	894	1,264	1,502	1,342	1,303	621	6,926	
2014-15	765	990	1,538	1,657	1,188	633	6,771	
2015-16	659	781	1,289	1,219	916	764	5,628	
2016-17	664	1,125	1,173	984	1,181	526	5,653	
2017-18	828	1,421	1,433	997	1,093	814	6,586	
2018-19	951	1,150	1,488	1,183	1,145	653	6,570	
2019-20	985	1,195	1,154	1,181	875	721	6,111	
2020-21	639	1,070	1,320	1,309	938	578	5,854	
2021-22	788	995	1,660	1,230	984	632	6,289	-0.86%
							6,235	Ten Year Average of November - April



VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

EXPENSE ALLOCATION  
Fiscal Year May 31, 2022

Expense	Fiscal Yr. 2022 Amount	Comment
Purchased Power	\$ 385,234	Account 721, PSC Report page 306
Labor	102,030	PSC Report, page 102. Total salaries less salaries capitalized (\$111,916 less \$9,886)
Taxes	-	Account 403, PSC Report page 106
Uncollectible revenues	2,074	Account 404, PSC Report page 106
Rent	9,980	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement	51,572	Actual per client
Insurance	6,840	Account 783, PSC Report page 307
Depreciation	40,489	Accounts 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual/Vendor		
Transmission	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution	37,808	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights	130	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection	3,939	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.	59,466	Represents an allocation of remaining costs based on cost of individual category. (See below)
Contractual appropriations of income - IEEP	10,881	Account 459, PSC Report page 106
	<b>\$ 710,443</b>	

Cost Category (per PSC Report, excluding depreciation and separately stated costs)	Actual	%	Allocated Remaining Cost**
Transmission	\$ -	0.00%	\$ -
Maint. Poles	-	0.00%	-
Distribution	75,873	37.31%	37,808
Street Lights	261	0.13%	130
Consumer Accounting and Collection	7,904	3.89%	3,939
Sales Expense	-	0.00%	-
General & Administrative	119,335	58.68%	59,466
	<b>\$ 203,373</b>	<b>100.00%</b>	<b>\$ 101,343</b>

Total Cost in P&L (not incl. interest expense)

**\$ 710,443**

\*\* Contractual Costs

<b>Calculation of Remaining Costs to be Allocated</b>	
Total Cost in P&L (not incl. interest expense)	<b>\$ 710,443</b>
Less separately stated costs from above:	
Purchased Power	\$ 385,234
Labor	102,030
Taxes	-
Uncollectible revenues	2,074
Rent	9,980
FICA, Medical, Wcomp, Retirement	51,572
Insurance	6,840
Depreciation	40,489
Contractual appropriations of income - IEEP	10,881
	<b>\$ 609,100</b>
Remaining Costs to be Allocated	<b>\$ 101,343</b>

A = Remaining Cost is the difference between total costs in the P&L of \$710,443 less the costs stated in Column D, not including contractual costs (therefore, Cells D4 through D11 and D20)  
The total of Column D, not including contractual costs is \$ 609,100

Therefore, \$710,443 less \$609,100 = \$ 101,343 Remaining cost to be allocated

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

EXPENSE ALLOCATION  
Fiscal Year May 31, 2021

Expense	Fiscal Yr. 2021 Amount	Comment
Purchased Power	\$ 370,208	Account 721, PSC Report page 306
Labor	93,593	PSC Report, page 102. Total salaries less salaries capitalized (\$96,711 less \$3,118))
Taxes	-	Account 403, PSC Report page 106
Uncollectible revenues	12,371	Account 404, PSC Report page 106
Rent	9,960	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement	45,929	Actual per client
Insurance	5,886	Account 783, PSC Report page 307
Depreciation	40,009	Accounts 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual/Vendor		
Transmission	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution	21,986	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights	463	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection	4,362	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.	65,541	Represents an allocation of remaining costs based on cost of individual category. (See below)
Contractual appropriations of income - IEEP	9,512	Account 459, PSC Report page 106
	<u>\$ 679,820</u>	

Cost Category (per PSC Report, excluding depreciation and separately stated costs)

	Actual	%	Allocated Remaining Cost**	
Transmission	\$ -	0.00%	\$ -	
Maint. Poles	-	0.00%	-	
Distribution	44,267	23.81%	21,986	
Street Lights	933	0.50%	463	
Consumer Accounting and Collection	8,782	4.72%	4,362	
Sales Expense	-	0.00%	-	
General & Administrative	131,963	70.97%	65,541	
	<u>\$ 185,945</u>	<u>100.00%</u>	<u>\$ 92,352</u>	A

Total Cost in P&L (not incl. interest expense) \$ 679,820

\*\* Contractual Costs

<b>Calculation of Remaining Costs to be Allocated</b>	
Total Cost in P&L (not incl. interest expense)	<u>\$ 679,820</u>
Less separately stated costs from above:	
Purchased Power	\$ 370,208
Labor	93,593
Taxes	-
Uncollectible revenues	12,371
Rent	9,960
FICA, Medical, Wcomp, Retirement	45,929
Insurance	5,886
Depreciation	40,009
Contractual appropriations of income - IEEP	9,512
	<u>\$ 587,468</u>
Remaining Costs to be Allocated	<u>\$ 92,352</u>

A = Remaining Cost is the difference between total costs in the P&L of \$679,820 less the costs stated in Column D, not including contractual costs (therefore, Cells D4 through D11 and D20 through D21)  
The total of Column D, not including contractual costs is \$ 587,468  
Therefore, \$679,820 less \$587,468 = \$ 92,352 Remaining cost to be allocated

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

EXPENSE ALLOCATION  
Fiscal Year May 31, 2020

Expense	Fiscal Yr. 2020 Amount	Comment
Purchased Power	\$ 304,390	Account 721, PSC Report page 306
Labor	103,663	PSC Report, page 102. Total salaries less salaries capitalized (\$111,649 less \$7,986)
Taxes	-	Account 403, PSC Report page 106
Uncollectible revenues	1,675	Account 404, PSC Report page 106
Rent	474	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement	75,647	Actual per client
Insurance	8,423	Account 783, PSC Report page 307
Depreciation	39,485	Accounts 733, 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual/Vendor		
Transmission	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution	29,298	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights	1,578	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection	3,718	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.	62,274	Represents an allocation of remaining costs based on cost of individual category. (See below)
Contractual appropriations of income - IEEP	9,223	Account 459, PSC Report page 106
	<b>\$ 639,847</b>	

Cost Category (per PSC Report, excluding depreciation and separately stated costs)

	Actual	%	Allocated Remaining Cost**
Transmission	\$ -	0.00%	\$ -
Maint. Poles	-	0.00%	-
Distribution	60,651	30.25%	29,298
Street Lights	3,267	1.63%	1,578
Consumer Accounting and Collection	7,696	3.84%	3,718
Sales Expense	-	0.00%	-
General & Administrative	128,916	64.29%	62,274
	<b>\$ 200,530</b>	<b>100.00%</b>	<b>\$ 96,867</b>

Total Cost in P&L (not incl. interest expense) **\$ 639,847**

\*\* Contractual Costs

<b>Calculation of Remaining Costs to be Allocated</b>	
Total Cost in P&L (not incl. interest expense)	<b>\$ 639,847</b>
Less separately stated costs from above:	
Purchased Power	\$ 304,390
Labor	103,663
Taxes	-
Uncollectible revenues	1,675
Rent	474
FICA, Medical, Wcomp, Retirement	75,647
Insurance	8,423
Depreciation	39,485
Contractual appropriations of income - IEEP	9,223
	<b>\$ 542,980</b>
Remaining Costs to be Allocated	<b>\$ 96,867</b>

A = Remaining Cost is the difference between total costs in the P&L of \$639,847 less the costs stated in Column D, not including contractual costs (therefore, Cells D4 through D11 and D20 through D21)  
The total of Column D, not including contractual costs is \$ 542,980  
Therefore, \$639,847 less \$542,980 = \$ 96,867 Remaining cost to be allocated

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

PROJECTED COSTS FOR RATE YEAR

Expense	(Workpaper B) Fiscal Yr. 2022 Amount	(Workpaper B-1) Fiscal Yr. 2021 Amount	(Workpaper B-2) Fiscal Yr. 2020 Amount	Three Year Average	Costs Adjusted for Known or Calculated Changes	Cost Determined by:
Purchased Power	\$ 385,234	\$ 370,208	\$ 304,390	\$ 353,277	\$ 384,394	Calculated - Weather Normalization Adjustment
Labor, net of capitalized amounts	102,030	93,593	103,663	99,762	112,916	Salary increases are based on existing union contract requirements, as well as salary adjustments for non-union employees.  Total salaries for the Rate Year are forecasted to be \$122,416 of which \$9,500 is expected to be capitalized.
PILOT to Village of Philadelphia	-	-	-	-	7,100	Supported by PILOT calculation at Workpaper G.
Uncollectible revenues	2,074	12,371	1,675	5,373	6,149	Generally good collection history. Rate Year is equal to 3 year (2022/2021/2020) average, as a percent of gross electric revenues.
Rent	9,980	9,960	474	6,805	44,616	Electric Department's 25% share of annual debt service payments on bond used to finance new office building. This is considered rent expense.
FICA, medical, retirement, workers' compensation, etc.	51,572	45,929	75,647	57,716	52,907	Based on quoted premiums or budgeted amounts (allocated to Electric Department), calculation (for FICA) on total salaries.
Insurance	6,840	5,886	8,423	7,050	7,050	3 Year average
Depreciation	40,489	40,009	39,485	39,994	50,238	Calculated at Exhibit 14. Increase is due to asset additions.
Contractual/Vendor						
Transmission	-	-	-	-	-	3 Year average
Maint. Poles	-	-	-	-	-	3 Year average
Distribution	37,808	21,986	29,298	29,697	29,697	3 Year average
Street Lights	130	463	1,578	724	724	3 Year average
Consumer Accounting and Collection	3,939	4,362	3,718	4,006	4,006	3 Year average
Sales Expense	-	-	-	-	-	3 Year average
General & Administ.	59,466	65,541	62,274	62,427	62,427	3 Year average
Amortization of rate filing costs	-	-	-	-	8,333	Anticipated rate filing costs of \$25,000, amortized over 3 year period of benefit
Contractual appropriations of income - IEEP	10,881	9,512	9,223	9,872	10,303	Based on anticipated sales of kWh in the Rate Year, multiplied by .001 "adder."
	<b>\$ 710,443</b>	<b>\$ 679,820</b>	<b>\$ 639,847</b>	<b>\$ 676,703</b>	<b>\$ 780,860</b>	

VILLAGE OF PHILADELPHIA

ELECTRIC DEPARTMENT

PURCHASED POWER ADJUSTMENT RECONCILIATION

			(a)	(b)	(a*b) © Billed PPAC	PURCHASE MONTH	(d) TOTAL POWER BILL	National Grid (f) National Grid Trans Charges	(f.1.) TCC COST	IEEP (f.2.) SUR- CHARGE (CREDIT)	(f.3.) CES Charges***	(d+f+f.1.+f.2-f.3) (g) TOTAL PRESENT COST	(h) TOTAL KWH DEL.	(i) BASE COST \$/ KWH	(h*i) (m) BASE COST POWER	(g-m) (k) DIFF. PRESENT VS. BASE	(k-c) (l) NET (OVER) UNDER
MONTH	Y	R	KWH SALES	PPAC \$/KWH	REVENUES	MONTH	POWER BILL	Charges	TCC COST	CHARGE (CREDIT)	Charges***	TOTAL PRESENT COST	TOTAL KWH DEL.	\$ / KWH	BASE COST POWER	DIFF. PRESENT VS. BASE	NET (OVER) UNDER
JUNE	2	1	552,543	0.013666	6,702	MAY	17,658	10,918	903	686	(3,548)	26,617	739,306	0.023457	17,342	9,275	2,573
JULY	2	1	636,401	0.007848	4,811	JUNE	15,661	4,884	903	636	(2,980)	19,104	621,038	0.023457	14,568	4,536	(275)
AUGUST	2	1	597,209	0.006220	3,758	JULY	15,328	4,444	903	597	(3,002)	18,270	625,698	0.023457	14,677	3,593	(165)
SEPTEMBER	2	1	560,788	0.004276	2,398	AUGUST	16,312	5,017	903	561	(3,412)	19,381	711,186	0.023457	16,682	2,699	301
OCTOBER	2	1	590,000	0.011207	6,612	SEPTEMBER	13,086	6,919	903	590	(2,667)	18,831	555,796	0.023457	13,037	5,794	(818)
NOVEMBER	2	1	789,464	0.007533	5,947	OCTOBER	16,468	4,991	903	789	(3,134)	20,017	652,914	0.023457	15,315	4,702	(1,245)
DECEMBER	2	1	1,252,114	0.008912	11,159	NOVEMBER	24,491	7,725	903	1,252	(4,476)	29,895	932,568	0.023457	21,875	8,020	(3,139)
JANUARY	2	2	1,420,151	0.009857	13,999	DECEMBER	31,711	10,051	903	1,420	(5,628)	38,457	1,172,748	0.023457	27,509	10,948	(3,051)
FEBRUARY	2	2	1,308,854	0.020914	27,372	JANUARY	62,476	12,723	903	1,309	(10,035)	67,376	1,583,410	0.023457	37,142	30,234	2,862
MARCH	2	2	1,108,402	0.013657	15,138	FEBRUARY	43,494	8,594	903	1,108	(8,111)	45,988	1,279,808	0.023457	30,020	15,968	830
APRIL	2	2	924,909	0.006699	6,196	MARCH	34,404	3,569	903	925	(6,040)	33,761	1,144,734	0.023457	26,852	6,909	713
MAY	2	2	608,888	-0.001247	(758)	APRIL	18,947	2,547	903	609	(4,084)	18,922	820,750	0.023457	19,252	(330)	428
			<u>10,349,723</u>		<u>103,334</u>		<u>310,036</u>	<u>82,382</u>	<u>10,836</u>	<u>10,482</u>	<u>(57,117)</u>	<u>356,619</u>	<u>10,839,956</u>		<u>254,273</u>	<u>102,346</u>	<u>(988)</u>

VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT

FORECASTED SALARIES - RATE YEAR (February 1, 2023 to January 31, 2024)

Period of February 1, 2023 to May 31, 2023 (4 months)	Annual	Hourly	OT	Expected		Longevity/		Reg. Wages	OT Wages	Total Wages	Electric Fund Allocation	Rate Year
	Salary	Rate	Hourly Rate	Reg Hours	OT Hours	Health Ins	Buyout					Electric Fund Alloc Wages
Mayor	\$ 5,278	n/a	n/a	n/a		\$	-	\$ 1,759	-	1,759	25%	\$ 440
Trustee	3,122	n/a	n/a	n/a			-	1,041	-	1,041	25%	260
Trustee	3,122	n/a	n/a	n/a			-	1,041	-	1,041	25%	260
James Saffin, Superintendent		29.23	43.85	693	16.67		-	20,266	731	20,997	38%	8,014
Cole Jenne, Lineman		20.41	30.62	693	42.67		-	14,151	1,306	15,457	32%	4,879
Peter Kilcer, Lineman		17.54	26.31	693	46.67		-	12,161	1,228	13,389	21%	2,796
Ryan Gleisner, Lineman		16.75	25.13	693	46.67		1,803	11,613	1,173	14,589	25%	3,715
Cody Thomas, Lineman		21.72	32.58	693	46.67		-	15,059	1,520	16,580	33%	5,403
Jennifer Lamora, Clerk-Treasurer		29.23	43.85	693	-		2,400	20,266	-	22,666	45%	10,200
Allison Godin, Deputy Clerk		19.89	29.84	693	-		2,400	13,790	-	16,190	25%	4,048
Forecasted Salaries (2/1/2023 to 5/31/2023)							6,603	111,148	5,958	123,709		40,013

  

Period of June 1, 2023 to January 31, 2024 (8 months)	Annual	Hourly	OT	Expected		Longevity/		Reg. Wages	OT Wages	Total Wages	Electric Fund Allocation	Rate Year
	Salary	Rate	Hourly Rate	Reg Hours	OT Hours	Health Ins	Buyout					Electric Fund Alloc Wages
Mayor	\$ 5,278	n/a	n/a	n/a		\$	-	\$ 3,519	-	3,519	25%	\$ 880
Trustee	3,122	n/a	n/a	n/a			-	2,081	-	2,081	25%	520
Trustee	3,122	n/a	n/a	n/a			-	2,081	-	2,081	25%	520
James Saffin, Superintendent		30.11	45.16	1,387	33.33		-	41,748	1,505	43,254	38%	16,509
Cole Jenne, Lineman		21.02	31.53	1,387	85.33		-	29,151	2,691	31,842	32%	10,050
Peter Kilcer, Lineman		18.57	27.86	1,387	93.33		-	25,750	2,600	28,350	21%	5,920
Ryan Gleisner, Lineman		17.25	25.88	1,387	93.33		3,607	23,923	2,415	29,945	25%	7,625
Cody Thomas, Lineman		22.37	33.56	1,387	93.33		-	31,022	3,132	34,154	33%	11,129
Jennifer Lamora, Clerk-Treasurer		30.11	45.16	1,387	-		4,800	41,748	-	46,548	45%	20,947
Allison Godin, Deputy Clerk		20.49	30.73	1,387	-		4,800	28,408	-	33,208	25%	8,302
Forecasted Salaries (6/1/2023 to 1/31/2024)							13,207	229,433	12,343	254,983		82,402
Total Forecasted Salaries - Rate Year							19,810	340,581	18,301	378,692		122,416

Note: Hourly rates for period 2/1/2023 to 5/31/2023 went into effect 6/1/2022.

Note: Hourly rates for period 6/1/2023 to 1/31/2024 are anticipated to go into effect 6/1/2023 (3% increase of existing hourly rates).

Note: Superintendent and Lineman salaries are allocated to the Electric Department based on a 4 year average of actual effort.

Expensed	112,916
Capitalized	9,500
	122,416

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**ACTUAL SALARIES AND ALLOCATIONS - FISCAL 2022 (BASE YEAR)**

	Annual Salary	Hourly Rate	OT Hourly Rate	Reg Hours	OT Hours	Longevity/ Health Ins Buyout	Reg. Wages	OT Wages	Total Wages	Electric Fund Allocation	Rate Year Electric Fund Alloc Wages
Mayor	\$ 5,278	n/a	n/a	n/a	n/a	n/a	\$ 5,278	-	5,278	25%	\$ 1,320
Trustee	3,122	n/a	n/a	n/a	n/a	n/a	3,122	-	3,122	25%	781
Trustee	3,122	n/a	n/a	n/a	n/a	n/a	3,122	-	3,122	25%	781
James Saffin, Superintendent		27.92	41.88	2,080	53.00	-	58,072	2,220	60,292	35%	21,190
Cole Jenne, Lineman		19.50	29.25	2,080	127.25	-	40,565	3,722	44,287	32%	13,998
Peter Kilcer, Lineman		16.75	25.13	2,080	142.00	-	34,834	3,568	38,402	19%	7,221
Ryan Gleisner, Lineman		16.00	24.00	2,080	141.50	5,410	33,280	3,392	42,082	27%	11,166
Cody Thomas, Lineman		20.75	31.13	2,080	132.75	-	43,160	4,138	47,298	31%	14,429
Jennifer Lamora, Clerk-Treasurer		27.92	41.88	2,080	-	7,200	58,058	-	65,258	45%	29,366
Allison Godin, Deputy Clerk		19.00	28.50	2,080	-	7,200	39,456	-	46,656	25%	11,664
<b>Total Salaries - Fiscal Year May 31, 2022</b>							19,810	318,947	17,039	355,797	111,916

Expensed	102,030
Capitalized	9,886
	111,916

**VILLAGE OF PHILADELPHIA  
ELECTRIC DEPARTMENT**

**CALCULATION OF PILOT PAYMENT  
Rate Year**

<b><u>Operating Property Classification</u></b>	<b><u>Total Gross Cost (a)</u></b>	<b><u>Outside Village Gross Cost (b)</u></b>	<b><u>Inside Village Gross Cost (c)</u></b>	<b><u>Accum. Depreciation (d)</u></b>	<b><u>Net Book Value</u></b>
(311) Land and Land Rights	\$ 269	\$ -	\$ 269	\$ -	\$ 269
(312) Structures and Improvements	78,396	-	78,396	47,298	31,098
(358) Poles, Towers and Fixtures	366,902	10,605	292,392	107,508	184,884
(361) Distribution Substation Equipment	732,430	-	732,430	491,741	240,689
(363) Distribution Overhead Conductors	201,753	6,777	186,853	28,104	158,749
(364) Distribution Underground Conductors	89,092	2,960	81,610	34,820	46,790
(365) Line Transformers	224,839	7,650	210,918	94,336	116,582
(366) Overhead Services	75,517	2,570	70,846	3,402	67,444
	<u>\$ 1,769,198</u>	<u>\$ 30,562</u>	<u>\$ 1,653,714</u>	<u>\$ 807,207</u>	<u>\$ 846,507</u>

	Equalization Rate	<u>96.50%</u>
(a) Total Operating Property Subject to PILOT calculation	Equalized NBV	\$ 877,210
(b) Operating Property located outside Village boundaries		
(c) Operating Property located inside Village boundaries	Property Tax Rate	<u>\$8.537000</u>
(d) Accumulated Depreciation on Operating Property located inside Village boundaries		
(e) Net book value of Operating Property Subject to PILOT	PILOT per \$1,000	<u>\$ 7,489</u>