

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

RATE REQUEST

**BASED ON THE YEAR ENDED MAY 31, 2017 (BASE YEAR)
FORECAST PERIOD JUNE 1, 2018 (EFFECTIVE DATE
OF RATE INCREASE) TO MAY 31, 2018
Issued December 21, 2017**

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

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**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**FORECASTED STATEMENT OF OPERATIONS
Based on the Year Ended May 31, 2017 (Base Year)**

	Base Year May 31, 2017	Normalizing Adjustments	Adjusted Base Year	Rate Year Adjustments	Normalized Rate Year Before Revenue Increase	Revenue Increase Request	Rate Year After Increase	Note Reference
Revenues								
Operating revenues - Base	\$ 786,026	\$ (21,354)	\$ 764,672	\$ -	\$ 764,672	\$ 136,634	\$ 901,306	1
Operating revenues - PPAC	425,357	(11,715)	413,642	-	413,642	-	413,642	1
Late charges	9,111	-	9,111	(745)	8,366	-	8,366	1
Miscellaneous operating revenues	7,598	-	7,598	2,090	9,688	-	9,688	1
Total revenues	<u>1,228,092</u>	<u>(33,069)</u>	<u>1,195,023</u>	<u>1,345</u>	<u>1,196,368</u>	<u>136,634</u>	<u>1,333,002</u>	
Expenses								
Purchased power	707,362	(25,050)	682,312	-	682,312	-	682,312	2.a.
Labor, net of capitalized labor	263,177	-	263,177	8,001	271,178	-	271,178	2.b.1
Employee benefits	244,032	(40,924)	203,108	166	203,274	-	203,274	2.b.2
Allocation of employee benefits	(67,401)	-	(67,401)	(697)	(68,098)	-	(68,098)	2.b.7
Contractual/material expenses								
Maintenance of poles and fixtures	791	-	791	156	947	-	947	2.b.3
Distribution	61,444	-	61,444	(11,493)	49,951	-	49,951	2.b.3
Street lights	101	-	101	29	130	-	130	2.b.3
Consumer accounting and collection	23,847	-	23,847	(4,413)	19,434	-	19,434	2.b.3
Sales expense	437	-	437	29	466	-	466	2.b.3
Administrative and general	37,984	-	37,984	(7,968)	30,016	-	30,016	2.b.3
Uncollectible accounts	-	-	-	1,618	1,618	-	1,618	2.b.4
Depreciation	78,255	-	78,255	838	79,093	-	79,093	2.b.5
Taxes - PILOT	-	-	-	4,700	4,700	-	4,700	2.b.6
IEEP Contributions	20,616	(1,064)	19,552	-	19,552	-	19,552	2.b.8
Amortization of rate filing costs	-	-	-	5,933	5,933	-	5,933	2.b.9
Rent	6,975	-	6,975	-	6,975	-	6,975	2.b.6
Total expenses	<u>1,377,620</u>	<u>(67,038)</u>	<u>1,310,582</u>	<u>(3,101)</u>	<u>1,307,481</u>	<u>-</u>	<u>1,307,481</u>	
Operating income (loss) (*)	<u>\$ (149,528)</u>	<u>\$ 33,969</u>	<u>\$ (115,559)</u>	<u>\$ 4,446</u>	<u>\$ (111,113)</u>	<u>\$ 136,634</u>	<u>\$ 25,521</u>	
Rate Base	<u>\$ 540,198</u>				<u>\$ 666,697</u>		<u>\$ 666,697</u>	
Rate of Return	<u>-27.68%</u>				<u>-16.67%</u>		<u>3.83%</u>	
Return on Surplus	<u>-27.68%</u>				<u>-16.67%</u>		<u>3.83%</u>	

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

SUMMARY OF NORMALIZATION AND RATE YEAR ADJUSTMENTS

Base Year Normalization Adjustments

a) Operating revenues	
To reflect increase in Base Revenues due to weather normalization	\$ 9,479
b) To reflect increase in purchased power due to revenue weather normalization of revenues	3,721
c) To adjust PPAC revenues for under-billing of revenues in fiscal year 2017 (per PPAC Reconciliation)	9,892
d) To remove additional retirement expense due to implementation of GASB 68 (Net Pension Liability)	(26,938)
e) To reflect loss of Base revenues from reductions in residential rate class	(6,853)
f) To reflect loss of PPAC revenues from reductions in residential rate class	(3,570)
g) To reflect loss of Base Revenues due to suspension of High School electric service	(23,980)
h) To reflect loss of PPAC Revenues due to suspension of High School electric service	(16,973)
i) To reflect decrease in Purchased Power due to reduction in residential rate class (56% of lost revenues)	(5,837)
j) To reflect decrease in Purchased Power due to suspension of High School electric service (56% of lost revenues)	(22,934)
k) To adjust health insurance costs due to overpayment in fiscal year May 31, 2017 (Historic Test Year)	(13,986)
l) To reflect decrease in IEEP contributions due to loss of residential customers	(183)
m) To reflect decrease in IEEP contributions due to suspension of High School service	(881)
n) To reflect decrease in PPAC revenues as a result of decreases in IEEP contributions (loss of customers)	(1,064)
Total normalization adjustments	\$ 33,969

Rate Year Adjustments

f) To reflect increase in expensed labor dollars due to anticipated wage increases	\$ 8,001
g) To reflect net changes in employee benefits due to payroll tax calculation or allocated budget amounts for shared costs	\$ 166
h) <u>Contractual/material expenses</u>	
Maintenance of poles and fixtures - 3 year average with no inflation factor	\$ 156
Distribution - 3 year average with no inflation factor	(11,493)
Street lights - 3 year average with no inflation factor	29
Consumer accounting and collection - 3 year average with no inflation factor	(4,413)
Sales expense - 3 year average with no inflation factor	29
Administrative and general - 2 year average with no inflation factor	(7,968)
	\$ (23,660)
i) To reflect increase in allocation of overhead, due to increase in labor dollars	\$ (697)
j) To reflect anticipated increase in uncollectible accounts receivable, based on 3 year average	\$ 1,618
k) To reflect increase in annual depreciation expense, based on calculations	\$ 838
l) To establish PILOT to be paid to Village General Fund	\$ 4,700
m) To reflect amortization of rate filing costs	\$ 5,933
n) To adjust late fee revenues to equal 3 year average	\$ (745)
o) To adjust miscellaneous revenues to equal 3 year average	\$ 2,090
Total Rate Year Adjustments	\$ 4,446

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**FORECASTED RATE OF RETURN CALCULATION
CAPITALIZATION MATRIX**

**Based on the Year Ended May 31, 2017,
Adjusted for Rate Year Adjustments and Revenue Increase Request**

		<u>Amount</u>	<u>Per- Cent</u>	<u>Cost Rate</u>	<u>Rate of Return</u>
	2017 (Base Year)				
Long-term debt	Exhibit 10	\$ -	0.0%	0.00%	0.00%
Customer deposits	Exhibit 10	-	0.0%	0.00%	0.00%
Net surplus	Exhibit 10	<u>523,311</u>	<u>100.0%</u>	-27.68%	<u>-27.68%</u>
Total		<u>\$ 523,311</u>	<u>100.00%</u>		<u>-27.68%</u>

Rate Year Before Revenue Increase

Long-term debt	Exhibit 10	\$ -	0.0%	0.00%	0.00%
Customer deposits	Exhibit 10	-	0.0%	0.00%	0.00%
Net surplus	Exhibit 10	<u>396,680</u>	<u>100.0%</u>	-16.66%	<u>-16.66%</u>
Total		<u>\$ 396,680</u>	<u>100.00%</u>		<u>-16.66%</u>

Rate Year After Revenue Increase

Long-term debt	Exhibit 10	\$ -	0.0%	0.00%	0.00%
Customer deposits	Exhibit 10	-	0.0%	0.00%	0.00%
Net surplus	Exhibit 10	<u>353,883</u>	<u>100.0%</u>	3.83%	<u>3.83%</u>
Total		<u>\$ 353,883</u>	<u>100.00%</u>		<u>3.83%</u>

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 1 - OPERATING REVENUES

Base Revenues - Weather Normalization and Loss of Customers

Sales in kWh for the fiscal year ended May 31, 2017 (Base Year) reported an 0.4% increase from the prior year. This rather small increase in customer consumption was attributable to the slightly cooler winter period of 2016/2017. Sales in kWh for the Residential rate class (which makes up 90% of the customer base and 66% of total customer consumption) increased 2.4% from the prior year, largely due to the effect of the cooler winter period.

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 (<http://www.nysenda.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 2008 - 2017. This data was specific to the Syracuse, New York area, which is in close proximity to the Village of Mohawk, New York.

Based on the weather normalization calculations described in Workpaper A, Base Revenues during the Rate Year are expected to increase \$9,479 (1.2% increase) from the Base Year.

In addition to the weather normalization described above, the Department has reduced its anticipated Base Revenues to reflect (1) the loss of several Residential homes/customers and (2) the intended suspension of electric service to the Village's High School (due to significant renovations) in late June 2018, with continuing suspension through the 2019/2020 school year.

The loss of Residential homes/customers relate to the flooding experienced by the Mohawk Valley during June 2013. These homes, which were provided electric service during fiscal year 2017 (Base Year), have been destroyed and will not be replaced in future periods. As a result, the Department has lost 10 Residential customers, in which electric service was provided during fiscal year 2017. Base revenues associated with these lost Residential customers, totaled \$6,853 (see Workpaper G). As such, Base Revenues have been reduced \$6,853 in the Rate Year.

Due to the suspension of electric service to the Village's High School (effective late June 2018 through June 2020), the Department's Base Commercial Revenues will be reduced by \$23,980 (energy charges of \$11,362 plus demand charges of \$12,618). This is the amount of Base Revenues recognized in fiscal year 2017 (Base Year). As such, Base Revenues have been reduced by \$23,980 in the Rate Year (see Workpaper H).

Once the High School becomes fully operational (anticipated to occur in June 2020), the Department will restore normal electric service. At that time, the Department intends to enter into discussions with PSC staff for further directives on its existing rate structure.

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. As part of this rate filing, the Department is requesting that it formally prepare a reconciliation after each fiscal year, and recover (or credit) any under billing (over billing) in the subsequent fiscal period.

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 1 - OPERATING REVENUES - Continued

PPAC Revenues - Continued

Assuming the Department will be successful in its request for reconciliation, PPAC revenues were increased for the under billing of PPAC revenues experienced during the Base Year. This under billing totaled \$9,892 (see Workpaper D), and will be recovered from the Department's customers via the PPAC process in the fiscal period subsequent to approval of the rate reconciliation process.

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." Revenues generated by this process are based on kWh sold. As kWh consumption is expected to decrease during the Rate Year (largely due to the loss/suspension of customers described above), PPAC revenues related to this process are also expected to decrease. As such, PPAC revenues have been decreased by \$1,064 (\$183 for the loss of residential customers and \$881 for the suspension of service to the High School). Conversely, contributions to the IEEP (classified as an expense) have also been decreased by \$1,064 to remain "revenue neutral" in the determination of net operating income.

In addition, due to the loss/suspension of customers described above, the Department has also decreased its anticipated PPAC revenues by \$20,543, which represents the amount of PPAC revenues billed to these customers during fiscal year 2017 (Base Year). Of this amount, \$3,570 was from lost Residential customers and \$16,973 was from the High School (see Workpapers G and H).

Base Revenues, Revenue Increase Rate

Increase in Base Revenues (as a result of a 17.87% increase in base rates effective June 1, 2018) requested herein to support operations, establish adequate cash balances, and provide a reasonable rate of return on Rate Base, is expected to total \$136,634. Base Revenues in the Rate Year are expected to be \$901,306 (versus normalized Base Year revenues of \$764,672).

Other Revenues

Other revenues consist of late charges and miscellaneous electric revenues. These revenue sources, in general, are normally of an insignificant nature and have been fairly consistent from year to year. Late charges are expected to equal the three-year average (2015-2017) of late charges to gross electric billings (as a percentage). This average percentage of 0.71% multiplied by normalized gross electric billings before the revenue increase reflects late charges of \$8,366 in the Rate Year (see Workpaper F).

Miscellaneous revenues in the Rate Year are expected to equal the three-year average (2015 to 2017) of these revenue sources. Miscellaneous electric revenues are expected to total \$9,688 during the Rate Year (see Workpaper F).

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**SUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)**

NOTE 2 - OPERATING EXPENSES

- a. Purchased Power - The cost of electricity purchased for distribution is forecasted to be \$690,918 during the Rate Year. This forecasted amount is based on actual purchased power costs incurred during the Base Year, adjusted for weather normalization calculations described in Workpaper A. As weather normalization is expected to increase consumption and Base Revenues (Note 1), purchased power is also expected to increase to meet those consumption needs. Increases in purchased power, due to weather normalization adjustments, is expected to be \$3,721 (Workpaper A).

In addition, purchased power has been reduced to reflect the reduction in customer consumption due to the loss of Residential customers and the suspension of service at the Village's High School (Note 1). As a result of these losses, purchased power has been reduced \$5,837 and \$22,934 for the loss of Residential consumption and the suspension of service at the High School, respectively. These amounts were calculated at 56% of lost revenues, which is equal to the gross margin actually experienced during the fiscal year 2017 (Base Year) (see Workpapers G and H).

- 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 Superintendents, clerical workers, and the Village Board (allocated to the Electric Department based on estimated level of effort).

Total salaries incurred during Base Year 2017 were \$273,997, of which \$10,820 was capitalized to operating property via the Department's work order system. Salaries charged to the various operating expense accounts of the Department totaled \$263,177 during Base Year 2017.

Total salaries to be incurred during the Rate Year are projected to be \$290,611, of which \$19,433 is expected to be capitalized to operating property (see Exhibit 15). As such, \$271,178 will be expensed in the forecasted statement of operations.

The increase in total salaries from the Base Year is solely due to hourly wage increases as stipulated in each employees contract. Projected salary costs in the Rate Year include required increases over the periods June 1, 2017 to May 31, 2018 and June 1, 2018 to May 31, 2019. Further information and calculations can be seen at Workpaper E.

(2) Employee Benefits

Employee benefits include medical insurance (health, dental and retiree health), workers' compensation, disability insurance, New York State retirement contributions, FICA, health insurance buy-outs, safety equipment and testing, and various lineman training courses. The Department also records general liability insurance in this cost category.

Costs in Base Year 2017, 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 labor dollars.

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Continued

(2) Employee Benefits - Continued

In general, total employee benefit costs have remained fairly stable, with increases in health premiums being offset by decreases in certain other employee benefit costs, such as retirement and lineman training costs.

During the development of this rate filing, it was noted that health insurance premiums were overstated by \$13,986 during the fiscal year 2017 (Base Year). The reason for this overstatement was that the Electric Department mistakenly paid for health insurance premiums that should have been paid for by the Village's General Fund. This overstatement has been removed from the Department's costs as a normalization adjustment.

In addition, amounts reported as NYS Retirement costs in fiscal year 2017 (Base Year) included an increase for the recognition of the GASB No. 68, *Net Pension Liability*. For rate filing purposes, the GASB No. 68 pension expense (totaling \$26,938) has been removed from NYS Retirement costs, as a normalization adjustment. NYS Retirement costs in the Rate Year do not include any effect of GASB No. 68, and only represent the Department's share of the Village's annual retirement contribution.

Rate Year employee benefit costs are based on (1) actual invoiced amounts, (2) calculation (FICA), or (3) budgeted amounts based on historic trend or vendor quote. A "net" decrease in employee benefits costs is expected to be as follows:

Type	Base Year 2017	Rate Year	Rate Year Increase (Decrease)
Medical insurance and medical buy-out cost (a)	\$ 111,766	\$ 102,630	\$ (9,136)
NYS retirement (b)	68,322	38,602	(29,720)
Workers' compensation (c)	6,162	8,803	2,641
Disability insurance (c)	605	605	-
FICA (d)	20,927	22,232	1,305
General liability insurance (g)	11,832	11,832	-
Health insurance buy-out (a)	8,597	10,206	1,609
Safety equipment and testing (f)	9,409	7,370	(2,039)
Drug testing (f)	127	120	(7)
Safety/OSHA and lineman training (e)	6,285	874	(5,411)
	<u>\$ 244,032</u>	<u>\$ 203,274</u>	<u>\$ (40,758)</u>

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Continued

(2) Employee Benefits - Continued

- (a) Medical insurance (for active employees and retirees), which includes dental coverage, is based on quoted premiums from the Village of Mohawk'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. For those employees that decide to "opt out" of the Village's provided coverage, a health insurance buy-out is provided.
- (b) In general, retirement costs have fluctuated over the past five years. The costs in the Rate Year are expected to be similar to the rates to be paid in February 2018, as allowed by the New York State Retirement System. Retirement cost included in the Rate Year is based on invoiced amounts to the Village, pro-rated to the Electric Department based on level of effort within the Department. The amount to be paid in February 2018 is anticipated to be similar to the amounts to be paid during February 2019 (the Rate Year). As described above, the NYS Retirement cost presented in the Rate Year does not include the effect of GASB No. 68.
- (c) Workers' compensation and disability premiums are expected to increase slightly based on the Village's overall claim experience. Total Village-wide workers' compensation and disability 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 projected gross salaries.
- (e) Represents cost of linemen's training programs (through the MEUA) and attendance at various educational workshops and events. As the Department's linemen have completed the extensive training program sponsored by the MEUA, training costs in the Rate Year are expected to be minimal, and only relate to minor training courses such as the Lineman and Engineering Workshop sponsored annually by the MEUA.
- (f) Represents the purchase and testing of safety equipment and required drug testing. Costs in the Rate Year are anticipated to equal the three year average (Years 2015 through 2017).
- (g) Represents the Department's allocated cost of general liability and auto insurances. These costs are expected to remain unchanged from the fiscal year 2017 (Base Year).

(3) Contractual/Material Expenses

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

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Continued

(3) Contractual/Material Expenses - Continued

During the Rate Year, these costs are expected to equal the three-year average (2015-2017) of these categories, with no adjustment for inflation factors (see Workpaper C).

	Base Year 2017	Rate Year	Rate Year Increase (Decrease)
Maintenance of poles	\$ 791	\$ 947	\$ 156
Distribution	61,444	49,951	(11,493)
Street lights	101	130	29
Consumer accounting	23,847	19,434	(4,413)
Sales expense	437	466	29
Administrative and general	37,984	30,016	(7,968)

(4) Uncollectible Accounts

The Electric Department has had reasonably good results in its collection of customer receivables. Uncollectible accounts during the Rate Year are expected to equal the three-year average (2015-2017).

Three-year average (2015-2017)	\$ 1,618
Base Year 2017	<u>-</u>
Rate Year increase	<u><u>\$ 1,618</u></u>

(5) Depreciation Expense

Depreciation expense (Exhibit 14) has been calculated based on existing operating property plus future operating property acquisitions detailed in Exhibit 15. Future operating property acquisitions include anticipated costs for material, capitalized labor and related overhead costs. As described further in Workpaper F, capital improvements include the purchase of poles, transformers, primaries and street lighting equipment related to upgrades certain Village streets and areas. In addition, the Department wishes to purchase a new bucket truck during the Rate Year. This new bucket truck will replace the existing bucket truck which was purchased from Altec on October 29, 2003 at an original cost of \$107,733. The existing bucket truck has been retired at historic cost in Workpaper F, along with its related accumulated depreciation.

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Continued

(5) Depreciation Expense - Continued

Depreciation charges are calculated using rates that are consistent with rates used in prior years. Depreciation charges are calculated on operating property average balances. As presented in Exhibit 14, certain categories of operating property have been over-depreciated. As the Department has struggled with its financial health over the past ten years, the acquisition of new operating property or the replacement of existing operating property has been severely compromised. As such, with the required continuance of annual depreciation expense, certain operating property categories have been over-depreciated.

Depreciation expense, Rate Year	\$ 79,093
Depreciation expense, Base Year 2017	<u>78,255</u>
Rate Year decrease	<u><u>\$ 838</u></u>

(6) Rent and Taxes (PILOT)

The Electric Department pays rent to the Village's General Fund for its use of Village Hall and the DPW garage. The annual rental is based on the fair market value of commercial square footage rents in the Village of Mohawk and surrounding communities. Annual rent for these properties is \$6,975, and is based on the Electric Department's estimated use of square footage within Village Hall and the DPW garage.

In addition, during the Rate Year, the Electric Department would like to begin paying a Payment in Lieu of Taxes (PILOT) to the Village's General Fund.

The PILOT payments will be based on the net book value of its operating property located within the Village multiplied by the Village's current property tax rate. The expected PILOT payment during the Rate Year will be \$4,700 and is calculated as follows (see Exhibit 14):

Operating property subject to PILOT calculation	\$ 2,043,864
Accumulated depreciation	<u>(1,732,164)</u>
Net book value	311,700
Equalization Rate	<u>80%</u>
Net book value after equalization	249,360
Village tax rate per \$1,000	<u>\$ 19.00</u>
PILOT (rounded)	<u><u>\$ 4,700</u></u>

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTSUMMARY OF SIGNIFICANT FORECAST ASSUMPTIONS
Based on the Year Ended May 31, 2017 (Base Year)

NOTE 2 - OPERATING EXPENSES - Continued

b. Other Operating Expenses - Continued

(7) Allocation of Employee Benefits

The Department allocates a portion of its employee benefits to the various tasks performed by the line crew. It is the Electric Department's policy to allocate employee benefits to capital (operating property) transactions and distribution system repair expense accounts. Employee benefits are reported in the Electric Department's general ledger (Account 785) at gross amounts, therefore, there is a need to have a "credit" account to properly allocate these costs to the various capital accounts, without losing the integrity of the actual amount of these costs in the general ledger. The Village has used Account 792 - Miscellaneous Credits Transferred for this "credit" account in previously submitted Annual Reports.

The allocation of employee benefit costs is based on direct labor dollars charged by the line crew for capital and repair tasks multiplied by an overhead percentage representative of those costs to direct labor dollars. The overhead rate used for employee benefits in the Rate Year is 65%, which is similar to overhead rates used in the past five fiscal years. Direct labor dollars anticipated to be capitalized and/or charged to repair expense accounts during the Rate Year (adjusted for salary increases previously described) is \$104,766, the anticipated labor costs associated with the Department's two linemen and one laborer (See Workpaper E). As such, the allocation of employee benefits based on these labor dollars will be \$68,098 (\$104,766 x 65%).

(8) Contributions to IEEP

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 19,552,000 kWh, which calls for a \$19,552 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 \$1,064 decrease from the Base Year 2017, and is largely attributable to the loss of Residential consumers and the suspension of electric service to the Village's High School.

(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. Amortization costs are expected to be \$5,933 per annum for each of the next three years.

NOTE 3 - 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, 2017, 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, 2017. This rate of return on Rate Base and Surplus was negative (27.68)%. The rate of return on Rate Base and Surplus for the Forecasted Rate Year of 3.83%, is calculated using Base Year 2017 amounts and applying forecasted changes to the Electric Department's operation, rate base, debt service, and surplus, as described herein.

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

BALANCE SHEETS

	Fiscal 2015	Fiscal 2016	Fiscal 2017	2016-2017 Average Balance
ASSETS				
Plant in service	\$ 2,495,032	\$ 2,555,885	\$ 2,763,129	\$ 2,659,507
Construction work in progress	103,445	103,445	-	51,723
Depreciation reserve	(2,133,759)	(2,239,516)	(2,349,350)	(2,294,433)
Contribution for extensions	-	-	-	-
Net plant	<u>464,718</u>	<u>419,814</u>	<u>413,779</u>	<u>416,797</u>
Depreciation reserve funds	-	-	-	-
Miscellaneous special funds	-	-	-	-
Cash	198,835	300,314	58,421	179,368
Working funds	700	700	700	700
Loans to Operating Municipality	-	-	-	-
Materials and supplies	48,355	41,184	43,169	42,177
Receivables from operating municipalities	6,326	6,894	10,574	8,734
Accounts receivable	225,448	216,579	217,732	217,156
Reserve for uncollectibles	(25,000)	(30,000)	(30,000)	(30,000)
Prepayments	-	-	76,779	38,390
Miscellaneous current assets	<u>310,400</u>	<u>163,303</u>	<u>93,656</u>	<u>128,480</u>
Total assets	<u>\$ 1,229,782</u>	<u>\$ 1,118,788</u>	<u>\$ 884,810</u>	<u>\$ 1,001,799</u>
LIABILITIES				
Accounts payable	\$ 48,824	\$ 87,851	\$ 77,151	\$ 82,501
Payables to Operating Municipality	372,588	372,588	65,383	218,986
Customer deposits	-	-	-	-
Taxes accrued	4,146	2,367	2,405	2,386
Interest accrued	-	-	-	-
Miscellaneous other current liabilities	-	-	-	-
Total current liabilities	<u>425,558</u>	<u>462,806</u>	<u>144,939</u>	<u>303,873</u>
Net pension liability - GASB 68	-	47,851	131,984	89,918
Long-term debt - other	-	-	103,925	51,963
Deferred inflows - GASB 68	-	13,746	51,726	32,736
Total liabilities	<u>425,558</u>	<u>524,403</u>	<u>432,574</u>	<u>478,489</u>
Contributions to municipality	(1,064,541)	(1,113,343)	(1,078,041)	(1,095,692)
Surplus	<u>1,868,765</u>	<u>1,707,728</u>	<u>1,530,277</u>	<u>1,619,003</u>
Total surplus	<u>804,224</u>	<u>594,385</u>	<u>452,236</u>	<u>523,311</u>
Total liabilities and surplus	<u>\$ 1,229,782</u>	<u>\$ 1,118,788</u>	<u>\$ 884,810</u>	<u>\$ 1,001,799</u>

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT
INCOME STATEMENTS
(INCLUDING kWh SALES BY RATE CLASS)**

		Fiscal 2015	Fiscal 2016	Fiscal 2017	Three Year Average
Operating revenues					
A/C 601	Residential sales	\$ 844,551	\$ 763,276	\$ 812,813	\$ 806,880
A/C 602	Commercial sales	225,411	233,290	233,448	230,716
A/C 603	Industrial sales	110,816	101,082	102,833	104,910
A/C 604	Public street lighting - operating municipality	29,740	30,736	30,775	30,417
A/C 605	Public Street lighting - other	-	-	-	-
A/C 606	Other sales to operating municipality	34,734	33,276	36,666	34,892
A/C 607	Other sales to other public authorities	-	-	-	-
A/C 608	Sales to other distributors	-	-	-	-
A/C 609	Sales to railroads	-	-	-	-
A/C 610	Security lighting	3,763	3,766	3,959	3,829
A/C 621	Rent from electric property	-	-	-	-
A/C 622	Miscellaneous electric revenues	15,786	5,679	7,598	9,688
	Total operating revenues	1,264,801	1,171,105	1,228,092	1,221,333
Operation and maintenance expense					
	Electricity purchased	725,953	663,172	707,362	698,829
	Transmission expense	-	-	-	-
	Poles, towers and fixtures	5,032	1,154	1,854	2,680
	Distribution expense	133,136	140,041	144,040	139,072
	Street lighting and signal expense	-	925	236	387
	Customer accounting and collection	49,550	57,092	55,904	54,182
	Sales expense	1,022	1,978	1,025	1,342
	Administrative and general expense	364,522	350,151	454,178	389,617
	Misc. expense transferred - allocation of employee benefits	(54,070)	(56,709)	(67,401)	(59,393)
	Depreciation	70,929	74,178	59,806	68,304
	Taxes - electric	-	-	-	-
	Uncollectible revenues	-	4,853	-	1,618
	Total operation and maintenance expense	1,296,074	1,236,835	1,357,004	1,296,638
	Income from operations	(31,273)	(65,730)	(128,912)	(75,305)
Other income (expense)					
	Interest income	1,071	1,091	316	826
	Interest expense	-	-	-	-
	Contractual appropriations of income - IEEP contributions	(23,455)	(23,283)	(20,616)	(22,451)
	Miscellaneous interest deductions	-	-	-	-
	Other	-	-	-	-
	Total other income (expense)	(22,384)	(22,192)	(20,300)	(21,625)
	Net Income	\$ (53,657)	\$ (87,922)	\$ (149,212)	\$ (96,930)
kWh Sales					
A/C 601	Residential sales	15,429,338	14,059,891	14,396,569	14,628,599
A/C 602	Commercial sales	5,020,680	5,073,706	4,825,290	4,973,225
A/C 603	Industrial sales	1,813,000	1,650,600	1,601,600	1,688,400
A/C 604	Public street lighting - operating municipality	240,927	256,446	244,022	247,132
A/C 605	Public street lighting - other	-	-	-	-
A/C 606	Other sales to operating municipality	668,033	649,313	703,040	673,462
A/C 607	Other sales to other public authorities	-	-	-	-
A/C 608	Sales to other distributors	-	-	-	-
A/C 610	Security lighting	27,360	27,360	27,360	27,360
	Total kWh sold	23,199,338	21,717,316	21,797,881	22,238,178

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

STATEMENTS OF SURPLUS

	<u>Fiscal 2015</u>	<u>Fiscal 2016</u>	<u>Fiscal 2017</u>
BALANCE, beginning of year	\$ 902,930	\$ 804,224	\$ 594,385
Add:			
Net income (loss)	(53,657)	(87,922)	(149,212)
Prior period adjustments	-	-	-
Deduct:			
Contributions to municipality	(31,699)	(48,802)	35,302
Prior period adjustments	<u>(13,350)</u>	<u>(73,115)</u>	<u>(28,239)</u>
BALANCE, end of year	<u><u>\$ 804,224</u></u>	<u><u>\$ 594,385</u></u>	<u><u>\$ 452,236</u></u>

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

RATE OF RETURN STUDY

RATE BASE

Based on the Year Ended May 31, 2017 (Base Year)

			(a)	(b)	(c)	(d)	(e)
		Reference (Page, Column, Row)	Fiscal Year	Adjustments	Adjusted Year	Revenue Change	Year After Revenue Change
35	Utility Plant in Service	RB, Ln 5 (c)	\$ 2,659,507	\$ 309,352	\$ 2,968,859	\$ -	\$ 2,968,859
36	Construction Work in Progress	RB, Ln 8 (c)	-	-	-	-	-
37	Total Utility Plant	ROR, Ln 35 plus Ln 36	2,659,507	309,352	2,968,859	-	2,968,859
38							
39	Accumulated Provision for Depre and Amort	RB, Ln 14 (c)	(2,294,433)	(184,126)	(2,478,559)	-	(2,478,559)
40							
41	Contributions for Extensions	RB, Ln 17 (c)	-	-	-	-	-
42							
43	Net Utility Plant	ROR, Total Ln 37, Ln 39, Ln 41	365,074	125,226	490,300	-	490,300
44							
45	Materials and Supplies	RB, Ln 21 (c)	42,177	992	43,169	-	43,169
46							
47	Prepayments	RB, Ln 24 (c)	-	8,899	8,899	-	8,899
48							
49	Cash Working Capital	ROR, Ln 74	132,947	(8,618)	124,329	N/A	124,329
50							
51	Other: (Detail)						
52							
53							
54							
55							
56	Rate Base	ROR, Total Ln 43=>Ln 54	\$ 540,198	\$ 126,499	\$ 666,697	\$ -	\$ 666,697

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**RATE OF RETURN STUDY
CASH WORKING CAPITAL
Based on the Year Ended May 31, 2017 (Base Year)**

		(a)	(b)	(c)	(d)	(e)	
	Reference (Page, Column, Row)	Fiscal Year	Adjustments	Adjusted Year	Revenue Change	Year After Revenue Change	
57	Cash Working Capital						
58	Total Operating Expenses	ROR, Ln 22	\$ 1,377,620	\$ (70,139)	\$ 1,307,481	\$ -	\$ 1,307,481
59							
60	Deduct:						
61	Fuel	ROR, Ln 6	-	-	-	N/A	-
62	Purchased Power	ROR, Ln 7	707,362	(25,050)	682,312	N/A	682,312
63	Depreciation	ROR, Ln16	78,255	838	79,093	N/A	79,093
64	PILOT	ROR, Ln17	-	4,700	4,700	N/A	4,700
65	Uncollectibles	ROR, Ln18	-	1,618	1,618	N/A	1,618
66							
67							
68	Adjusted Amount	ROR, Ln 58 minus Ln 61=>Ln 67	592,003	(52,245)	539,758	-	539,758
69							
70	Working Capital - Operating Expenses @ 1/8	ROR, Ln 68/8	74,000	(6,531)	67,470	N/A	67,470
71							
72	Working Capital - Purchased Power @ 1/12	ROR, Ln 61/12	58,947	(2,088)	56,859	N/A	56,859
73							
74	Total Cash Working Capital	ROR, Total Ln 70, Ln 72	\$ 132,947	\$ (8,618)	\$ 124,329	N/A	\$ 124,329

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**DETAIL OF RATE BASE
Based on the Year Ended May 31, 2017 (Base Year)**

	Reference (Page, Column, Row)	(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
1 <u>Utility Plant in Service</u>							
2 Operating Property - Electric	Pg 104, Ln 2 (c) & (d)	\$ 2,555,885	\$ 2,763,129	\$ 2,659,507	\$ 2,847,335	\$ 3,090,383	\$ 2,968,859
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>\$ 2,555,885</u>	<u>\$ 2,763,129</u>	<u>\$ 2,659,507</u>	<u>\$ 2,847,335</u>	<u>\$ 3,090,383</u>	<u>\$ 2,968,859</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)	\$ 2,239,516	\$ 2,349,350	\$ 2,294,433	\$ 2,467,376	\$ 2,489,742	\$ 2,478,559
13 Accumulated Provision for Amortization	Pg 105, Ln 20 (c) & (d)	-	-	-	-	-	-
14 Accumulated Provision for Depre and Amort		<u>\$ 2,239,516</u>	<u>\$ 2,349,350</u>	<u>\$ 2,294,433</u>	<u>\$ 2,467,376</u>	<u>\$ 2,489,742</u>	<u>\$ 2,478,559</u>
15							
16							
17 Contributions for Extensions	Pg 105, Ln 21 (c) & (d)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
18							
19							
21 Materials and Supplies	Pg104, Ln 18 (c) & (d)	<u>\$ 41,184</u>	<u>\$ 43,169</u>	<u>\$ 42,177</u>	<u>\$ 43,169</u>	<u>\$ 43,169</u>	<u>\$ 43,169</u>
22							
23							
24 Prepayments - Rate Filing Fees	Pg 104, Ln 23 (c) & (d)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 11,865</u>	<u>\$ 5,933</u>	<u>\$ 8,899</u>

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**DETAIL OF RATE OF RETURN
Based on the Year Ended May 31, 2017 (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
<u>Capital Structure</u>	<u>Reference (Page, Column, Row)</u>						
1 <u>Debt</u>							
2 Bonds	Pg 105, Ln 2 (c) & (d)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Equipment Obligations - Long Term	Pg 105, Ln 3 (c) & (d)	-	-	-	-	-	-
4 Miscellaneous Long Term Debt	Pg 105, Ln 4 (c) & (d)	-	-	-	-	-	-
5 Notes Payable	Pg 105, Ln 9 (c) & (d)	-	-	-	-	-	-
6 Matured Long-Term Debt	Pg 105, Ln 12 (c) & (d)	-	-	-	-	-	-
7 Unamortized Premium on Debt	Pg 105, Ln 28 (c) & (d)	-	-	-	-	-	-
8 Unamortized Debt Discount and Expense	Pg 104, Ln 28 (c) & (d)	-	-	-	-	-	-
9							
10							
11 Debt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12							
13							
14 Customer Deposits	Pg 105, Ln 10 (c) & (d)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15							
16							
17 <u>Surplus</u>							
18 Contributions - Operating Municipality	Pg 105, Ln 32 (c) & (d)	\$ (1,113,343)	\$ (1,078,041)	\$ (1,095,692)	\$ (1,078,041)	\$ (1,078,041)	\$ (1,078,041)
19 Surplus	Pg 105, Ln 33 (c) & (d)	1,707,728	1,530,277	1,619,003	1,419,164	1,444,685	1,431,924
20 Deficit	Pg 104, Ln 37 (c) & (d)	-	-	-	-	-	-
21							
22							
23 Surplus		\$ 594,385	\$ 452,236	\$ 523,311	\$ 341,123	\$ 366,644	\$ 353,883
24							
25							
26 <u>Interest Costs</u>							
27 <u>Interest on Debt</u>							
28 Bonds	Pg 252, Ln 20 (k)			\$ -			\$ -
29 Equipment Obligations - Long Term	Pg 252, Ln 28 (k)			-			-
30 Miscellaneous Long Term Debt	Pg 252, Ln 35 (k)			-			-
31 Notes Payable	Pg 250, Ln 22 (g)			-			-
32 Matured Long-Term Debt	N/A			-			-
33 Unamortized Premium on Debt (Credit)	Pg 106, Ln 36 (c)			-			-
34 Amortization of Debt Discount and Expense	Pg 106, Ln 35 (c)			-			-
35							-
36							-
37							-
38 Interest on Debt				\$ -			\$ -
39 Cost Rate				0.00%			0.00%
40							
41 Interest on Customer Deposits	Pg 309, Ln 10 (f)			\$ -			\$ -
Cost Rate				0.00%			0.00%

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**REVENUE CHANGE
For the Historic Year Ended May 31, 2017
and the Rate Year**

	<u>Reference (Page, Column, Row)</u>	<u>Amount</u>	
106 Rate Base	ROR, Ln 30 (e)	\$ 666,697	
107			
108 Rate of Return	ROR, Ln 32 (e)	3.80%	
109			
110 Required Operating Income	ROR, Ln 106 * Ln 108	25,334	
111			
112 Adjusted Operating Income	ROR, Ln 28 (c)	(111,113)	
113			
114 Deficiency (Surplus)	ROR, Ln 110 - Ln 112	136,447	
115			
116 Retention Factor	ROR, Ln 132	0.9986	
117			
118 Revenue Increase (Decrease)	ROR, Ln 114 / Ln 116	\$ 136,634	
119			
120			
121			
122 Calculation of the Retention Factor:		<u>Factor</u>	<u>Proof</u>
123 Sales Revenues		1.0000	136,634
124 - Revenue Taxes	N/A	N/A	N/A
125 - Uncollectibles	ROR, Ln 18/Ln 1	0.0014	186
126			
127			
128 Sub-Total	ROR, Ln123-Total Ln124=>Ln127	0.9986	136,447
129			
130 Federal Income Tax @ 35%	N/A	0.00	0
131			
132 Retention Factor	ROR, Ln 128 - Ln 130	0.9986	136,447

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**CALCULATION OF AVERAGE LINE LOSS AND FACTOR OF ADJUSTMENT
Based on Line Losses for Fiscal Years 2012 Through 2017**

	kWh Purchases	kWh Line Losses	Annual Line Loss	kWh Electric Dept. Use	kWh Sales
Fiscal Year 2012	23,341,195	956,265	0.040969	127,490	22,257,440
Fiscal Year 2013	24,510,781	1,418,858	0.057887	153,289	22,938,634
Fiscal Year 2014	24,576,020	1,384,282	0.056327	185,262	23,006,476
Fiscal Year 2015	24,796,266	1,420,191	0.057274	176,737	23,199,338
Fiscal Year 2016	22,858,929	996,483	0.043593	145,130	21,717,316
Fiscal Year 2017	23,274,125	1,303,985	0.056027	172,259	21,797,881
	<u>143,357,316</u>	<u>7,480,064</u>		<u>960,167</u>	<u>134,917,085</u>

Average Line Loss 0.052178

	kWh Purchases	kWh Sales	Annual Factor Of Adjustment
Fiscal Year 2012	23,341,195	22,257,440	1.048692
Fiscal Year 2013	24,510,781	22,938,634	1.068537
Fiscal Year 2014	24,576,020	23,006,476	1.068222
Fiscal Year 2015	24,796,266	23,199,338	1.068835
Fiscal Year 2016	22,858,929	21,717,316	1.052567
Fiscal Year 2017	23,274,125	21,797,881	1.067724
	<u>143,357,316</u>	<u>134,917,085</u>	

Average Factor of Adjustment 1.062559

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT

COMPARISON OF PRESENT AND PROPOSED RATES

	<u>Present</u>	<u>Proposed</u>	<u>Increase \$</u>	<u>Increase %</u>
<u>S.C. No. 1</u>				
Customer Charge	\$ 2.7500	\$ 3.2500	\$ 0.5000	18.18%
Non-Winter Rate (April-November) Energy charge, per kWh	\$ 0.0291	\$ 0.0343	\$ 0.0052	17.87%
Winter Rate (December - March) Energy charge, per kWh				
first 750 kWh	\$ 0.0291	\$ 0.0343	\$ 0.0052	17.87%
over 750 kWh	\$ 0.0480	\$ 0.0566	\$ 0.0086	17.87%
<u>S.C. No. 2</u>				
Customer Charge	\$ 2.7500	\$ 3.2500	\$ 0.5000	18.18%
Non-Winter Rate (April-November) Energy charge, per kWh	\$ 0.0241	\$ 0.0284	\$ 0.0043	17.87%
Winter Rate (December - March) Energy charge, per kWh	\$ 0.0359	\$ 0.0423	\$ 0.0064	17.87%
<u>S.C. No. 3</u>				
Demand Charge, per kW	\$ 4.5000	\$ 5.3000	\$ 0.8000	17.78%
Energy Charge, per kWh	\$ 0.0129	\$ 0.0152	\$ 0.0023	17.87%
<u>S.C. No. 4</u>				
Demand Charge, per kW	\$ 5.6000	\$ 6.6000	\$ 1.0000	17.86%
Energy Charge, per kWh	\$ 0.0329	\$ 0.0388	\$ 0.0059	17.87%
<u>S.C. No. 5</u>				
Facilities Charge per Fixture				
Per month, per 150 Watt lamp	\$ 6.15	\$ 7.25	\$ 1.10	17.87%
Per month, per 175 Watt lamp	\$ 7.10	\$ 8.37	\$ 1.27	17.87%
Per month, per 250 Watt lamp	\$ 10.15	\$ 11.96	\$ 1.81	17.87%
Per month, per 400 Watt lamp	\$ 15.75	\$ 18.56	\$ 2.81	17.87%
<u>S.C. No. 6</u>				
Facilities charge, per lamp, per month	\$ 5.5000	\$ 6.5000	\$ 1.00	18.18%
Energy Charge, per kWh	\$ 0.0274	\$ 0.0323	\$ 0.0049	17.87%

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 1 - RESIDENTIAL (APRIL - NOVEMBER)**

kWh	Present	Proposed	Increase \$	Increase %
0	\$ 2.75	\$ 3.25	\$ 0.50	18.18%
2	\$ 2.85	\$ 3.36	\$ 0.51	17.93%
10	\$ 3.24	\$ 3.79	\$ 0.55	17.06%
25	\$ 3.97	\$ 4.60	\$ 0.63	15.89%
50	\$ 5.18	\$ 5.94	\$ 0.76	14.67%
75	\$ 6.40	\$ 7.29	\$ 0.89	13.91%
100	\$ 7.61	\$ 8.63	\$ 1.02	13.40%
150	\$ 10.04	\$ 11.32	\$ 1.28	12.75%
200	\$ 12.47	\$ 14.01	\$ 1.54	12.35%
250	\$ 14.90	\$ 16.70	\$ 1.80	12.08%
500	\$ 27.06	\$ 30.16	\$ 3.10	11.46%
750	\$ 39.21	\$ 43.61	\$ 4.40	11.22%
1,000	\$ 51.36	\$ 57.06	\$ 5.70	11.10%
1,500	\$ 75.67	\$ 83.97	\$ 8.30	10.97%
2,000	\$ 99.98	\$ 110.88	\$ 10.90	10.90%
5,000	\$ 245.82	\$ 272.32	\$ 26.50	10.78%
PPA/kWh include.*	0.019514	0.019514		

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 1 - RESIDENTIAL (DECEMBER - MARCH)**

kWh	Present	Proposed	Increase \$	Increase %
0	\$ 2.75	\$ 3.25	\$ 0.50	18.18%
2	\$ 2.85	\$ 3.36	\$ 0.51	17.93%
10	\$ 3.24	\$ 3.79	\$ 0.55	17.06%
25	\$ 3.97	\$ 4.60	\$ 0.63	15.89%
50	\$ 5.18	\$ 5.94	\$ 0.76	14.67%
75	\$ 6.40	\$ 7.29	\$ 0.89	13.91%
100	\$ 7.61	\$ 8.63	\$ 1.02	13.40%
150	\$ 10.04	\$ 11.32	\$ 1.28	12.75%
200	\$ 12.47	\$ 14.01	\$ 1.54	12.35%
250	\$ 14.90	\$ 16.70	\$ 1.80	12.08%
500	\$ 27.06	\$ 30.16	\$ 3.10	11.46%
750	\$ 39.21	\$ 43.61	\$ 4.40	11.22%
1,000	\$ 56.09	\$ 62.64	\$ 6.55	11.68%
1,500	\$ 89.85	\$ 100.70	\$ 10.85	12.08%
2,000	\$ 123.60	\$ 138.75	\$ 15.15	12.26%
5,000	\$ 326.14	\$ 367.09	\$ 40.95	12.56%
PPA/kWh include.*	0.019514	0.019514		

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 2 - GENERAL SERVICE - NON-DEMAND METERED (APRIL - NOVEMBER)**

kWh	Present	Proposed	Increase \$	Increase %
0	\$ 2.75	\$ 3.25	\$ 0.50	18.18%
2	\$ 2.84	\$ 3.35	\$ 0.51	17.93%
10	\$ 3.19	\$ 3.73	\$ 0.54	17.04%
25	\$ 3.84	\$ 4.45	\$ 0.61	15.82%
50	\$ 4.93	\$ 5.65	\$ 0.72	14.50%
75	\$ 6.02	\$ 6.84	\$ 0.82	13.66%
100	\$ 7.11	\$ 8.04	\$ 0.93	13.08%
150	\$ 9.29	\$ 10.44	\$ 1.15	12.32%
200	\$ 11.47	\$ 12.83	\$ 1.36	11.85%
250	\$ 13.65	\$ 15.23	\$ 1.58	11.54%
500	\$ 24.56	\$ 27.21	\$ 2.65	10.79%
750	\$ 35.46	\$ 39.19	\$ 3.73	10.50%
1,000	\$ 46.36	\$ 51.16	\$ 4.80	10.35%
1,500	\$ 68.17	\$ 75.12	\$ 6.95	10.20%
2,000	\$ 89.98	\$ 99.08	\$ 9.10	10.11%
5,000	\$ 220.82	\$ 242.82	\$ 22.00	9.96%
10,000	\$ 438.89	\$ 482.39	\$ 43.50	9.91%

PPA/kWh include.* 0.019514 0.019514

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 2 - GENERAL SERVICE - NON-DEMAND METERED (DECEMBER - MARCH)**

kWh	Present	Proposed	Increase \$	Increase %
0	\$ 2.75	\$ 3.25	\$ 0.50	18.18%
2	\$ 2.86	\$ 3.37	\$ 0.51	17.92%
10	\$ 3.30	\$ 3.87	\$ 0.56	17.07%
25	\$ 4.14	\$ 4.80	\$ 0.66	15.96%
50	\$ 5.52	\$ 6.34	\$ 0.82	14.85%
75	\$ 6.91	\$ 7.89	\$ 0.98	14.19%
100	\$ 8.29	\$ 9.43	\$ 1.14	13.75%
150	\$ 11.06	\$ 12.52	\$ 1.46	13.20%
200	\$ 13.83	\$ 15.61	\$ 1.78	12.87%
250	\$ 16.60	\$ 18.70	\$ 2.10	12.65%
500	\$ 30.46	\$ 34.16	\$ 3.70	12.15%
750	\$ 44.31	\$ 49.61	\$ 5.30	11.96%
1,000	\$ 58.16	\$ 65.06	\$ 6.90	11.86%
1,500	\$ 85.87	\$ 95.97	\$ 10.10	11.76%
2,000	\$ 113.58	\$ 126.88	\$ 13.30	11.71%
5,000	\$ 279.82	\$ 312.32	\$ 32.50	11.61%
PPA/kWh include.*		0.019514		

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 3 - GENERAL SERVICE - DEMAND METERED**

kW	kWh	Present	Proposed	Increase \$	Increase %
50	1,000	\$ 257.41	\$ 299.71	\$ 42.30	16.43%
	1,500	\$ 273.62	\$ 317.07	\$ 43.45	15.88%
	2,000	\$ 289.83	\$ 334.43	\$ 44.60	15.39%
75	2,000	\$ 402.33	\$ 466.93	\$ 64.60	16.06%
	3,000	\$ 434.74	\$ 501.64	\$ 66.90	15.39%
	4,000	\$ 467.15	\$ 536.35	\$ 69.20	14.81%
100	5,000	\$ 612.07	\$ 703.57	\$ 91.50	14.95%
	7,500	\$ 693.10	\$ 790.35	\$ 97.25	14.03%
	10,000	\$ 774.14	\$ 877.14	\$ 103.00	13.31%

PPA/kWh include.* 0.019514 0.019514

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 4 - DEDICATED PRIMARY SERVICE - DEMAND METERED**

kW	kWh	Present	Proposed	Increase \$	Increase %
50	1,000	\$ 332.41	\$ 388.31	\$ 55.90	16.82%
	1,500	\$ 358.62	\$ 417.47	\$ 58.85	16.41%
	2,000	\$ 384.83	\$ 446.63	\$ 61.80	16.06%
75	2,000	\$ 524.83	\$ 611.63	\$ 86.80	16.54%
	3,000	\$ 577.24	\$ 669.94	\$ 92.70	16.06%
	4,000	\$ 629.65	\$ 728.25	\$ 98.60	15.66%
100	5,000	\$ 822.07	\$ 951.57	\$ 129.50	15.75%
	7,500	\$ 953.10	\$1,097.35	\$ 144.25	15.13%
	10,000	\$ 1,084.14	\$1,243.14	\$ 159.00	14.67%
PPA/kWh include.*		0.019514	0.019514		

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**COMPARISON OF MONTHLY BILLS
S.C. NO. 5 - PRIVATE OUTDOOR LIGHTING**

Type of Lamps	# of Units	Present	Proposed	Increase \$	Increase %
150 Watt lamp	1	\$ 6.15	\$ 7.25	\$ 1.10	17.89%
	10	\$ 61.50	\$ 72.50	\$ 11.00	17.89%
	20	\$ 123.00	\$ 145.00	\$ 22.00	17.89%
175 Watt lamp	1	\$ 7.10	\$ 8.37	\$ 1.27	17.89%
	10	\$ 71.00	\$ 83.70	\$ 12.70	17.89%
	20	\$ 142.00	\$ 167.40	\$ 25.40	17.89%
250 Watt lamp	1	\$ 10.15	\$ 11.96	\$ 1.81	17.83%
	10	\$ 101.50	\$ 119.60	\$ 18.10	17.83%
	20	\$ 203.00	\$ 239.20	\$ 36.20	17.83%
400 Watt lamp	1	\$ 15.75	\$ 18.56	\$ 2.81	17.84%
	10	\$ 157.50	\$ 185.60	\$ 28.10	17.84%
	20	\$ 315.00	\$ 371.20	\$ 56.20	17.84%

MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTCOMPARISON OF MONTHLY BILLS
S.C. NO. 6 - PUBLIC STREET LIGHTING

<u>kWh</u>	<u>Present</u>	<u>Proposed</u>	<u>Increase \$</u>	<u>Increase %</u>
100	\$ 10.19	\$ 11.68	\$ 1.49	14.62%
200	\$ 14.88	\$ 16.86	\$ 1.98	13.30%
500	\$ 28.96	\$ 32.41	\$ 3.45	11.91%

PPA/kWh 0.019514 0.019514

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

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**OPERATING PROPERTY ANALYSIS
May 31, 2017 Through Rate Year**

<u>A/C#</u>	<u>5/31/17 Beg of Yr. Bal.</u>	<u>Actual Additions 6/1/17 to 10/31/2017</u>	<u>Actual Retirements 6/1/17 to 10/31/2017</u>	<u>Estimated Additions, net of retirements 11/1/2017 to 5/31/18</u>	<u>Projected 5/31/18 End of Year Bal.</u>	<u>Rate Year Additions Net of Retirements</u>	<u>Projected End of Rate Yr. Bal.</u>
301					\$ -		\$ -
302					-		-
303					-		-
311	1,200				1,200		1,200
312	213,839				213,839		213,839
321					-		-
322					-		-
323					-		-
325					-		-
331					-		-
332					-		-
333					-		-
334					-		-
342					-		-
344					-		-
345					-		-
351					-		-
352					-		-
353					-		-
354					-		-
358	305,501	12,688	-	47,697	365,886	50,781	416,667
359					-		-
361	644,912				644,912		644,912
362					-		-
363	212,942	6,950			219,892		219,892
364	16,706				16,706		16,706
365	179,614				179,614		179,614
366	105,443	2,801			108,244		108,244
367	6,940				6,940		6,940
368	106,071				106,071		106,071
369	31,750				31,750		31,750
370	24,028				24,028		24,028
371	122,254	2,528			124,782		124,782
381	167,348				167,348		167,348
382	657				657		657
383	1,455				1,455		1,455
384	492,090	11,442			503,532	192,267	695,799
385	9,054				9,054		9,054
386	19,904				19,904		19,904
387	101,421	100			101,521		101,521
388					-		-
391					-		-
392					-		-
393					-		-
\$ 2,763,129 \$ 36,509 \$ - \$ 47,697					\$ 2,847,335 \$ 243,048 \$ 3,090,383		

(a)

(b)

(c)

(a) - Includes capitalized salaries, materials, and related overhead. These amounts represent actual amounts capitalized for the period June 1, 2017 through October 31, 2017 (date of which work orders were processed through).

(b) - Represents estimated operating property additions (net of retirements) to be made during the period October 1, 2017 through May 31, 2018.

(c) - Includes cost from intended capital improvement plan, which includes capitalized salaries and material costs, net of retirements.

MOHAWK MUNICIPAL COMMISSION ELECTRIC DEPARTMENT

DEPRECIATION CALCULATIONS Year Ended May 31, 2018

A/C#	5/31/2017 Beg. of Yr. Bal.	5/31/2018 End of Yr. Bal.	Avg. Gross Bal.	Less: Contributions for Extension	Avg. Balance Subject to Depreciation	Dep. Rate	Depreciation Expense A/C#	Amt.	Depreciation Reserves Beg. of Yr. Bal.	Salvage/ (Retirements)	5/31/2017 End of Yr. Bal.	Remaining Cost
301	\$ -	\$ -	\$ -		\$ -			\$ -			\$ -	\$ -
302	-	-	-		-			-			-	-
303	-	-	-		-			-			-	-
311	1,200	1,200	1,200		1,200			-	-		-	1,200
312	213,839	213,839	213,839		213,839	2.00%	788	4,277	90,779		95,056	118,783
321	-	-	-		-			-			-	-
322	-	-	-		-			-			-	-
323	-	-	-		-			-			-	-
325	-	-	-		-			-			-	-
331	-	-	-		-		711	-			-	-
332	-	-	-		-		711	-			-	-
333	-	-	-		-		711	-			-	-
334	-	-	-		-		711	-			-	-
342	-	-	-		-		717	-			-	-
344	-	-	-		-		717	-			-	-
345	-	-	-		-		717	-			-	-
351	-	-	-		-		733	-			-	-
352	-	-	-		-		733	-			-	-
353	-	-	-		-		733	-			-	-
354	-	-	-		-		738	-			-	-
358	305,501	365,886	335,693		335,693	4.00%	738	13,428	242,870	(8,417)	247,881	118,005
359	-	-	-		-		743	-			-	-
361	644,912	644,912	644,912		644,912	3.00%	743	19,347	661,817		681,164	(36,252)
362	-	-	-		-		743	-			-	-
363	212,942	219,892	216,417		216,417	2.50%	743	5,410	142,434		147,844	72,048
364	16,706	16,706	16,706		16,706	2.50%	743	418	13,535		13,953	2,753
365	179,614	179,614	179,614		179,614	3.00%	743	5,388	153,811		159,199	20,415
366	105,443	108,244	106,844		106,844	4.00%	743	4,274	106,304		110,578	(2,334)
367	6,940	6,940	6,940		6,940	4.00%	743	278	7,961		8,239	(1,299)
368	106,071	106,071	106,071		106,071	3.00%	743	3,182	68,846		72,028	34,043
369	31,750	31,750	31,750		31,750	3.00%	743	953	57,827		58,780	(27,030)
370	24,028	24,028	24,028		24,028	5.00%	743	1,201	15,735		16,936	7,092
371	122,254	124,782	123,518		123,518	5.00%	753	6,176	114,330		120,506	4,276
381	167,348	167,348	167,348		167,348	4.00%	788	6,694	169,219		175,913	(8,565)
382	657	657	657		657	4.00%	788	26	789		815	(158)
383	1,455	1,455	1,455		1,455	4.00%	788	58	4,370		4,428	(2,973)
384	492,090	503,532	497,811		497,811	10.00%	804	49,781	399,721	-	449,502	54,030
385	9,054	9,054	9,054		9,054	5.50%	788	498	12,617		13,115	(4,061)
386	19,904	19,904	19,904		19,904	5.00%	788	995	26,164		27,159	(7,255)
387	101,421	101,521	101,471		101,471	4.00%	788	4,059	60,221		64,280	37,241
388	-	-	-		-		788	-			-	-
391	-	-	-		-		788	-			-	-

<u>\$ 2,763,129</u>	<u>\$ 2,847,335</u>	<u>\$ 2,805,232</u>	<u>\$ -</u>	<u>\$ 2,805,232</u>	<u>\$ 126,443</u>	<u>\$ 2,349,350</u>	<u>\$ (8,417)</u>	<u>\$ 2,467,376</u>	<u>\$ 379,959</u>
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Amount of depreciation expense charged to:

A/C#	Amount Charged
733	-
738	13,428
743	40,451
753	6,176
788	16,607
Deprec Expense	<u>76,662</u>
804 (Clearing)	49,781
	<u>\$ 126,443</u>



MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENTDEPRECIATION CALCULATIONS
Rate Year

A/C#	5/31/2018 Beg. of Yr. Bal.	Rate Year End of Yr. Bal.	Avg. Gross Bal.	Less: Contributions for Extension	Avg. Balance Subject to Depreciation	Dep. Rate	Depreciation Expense A/C#	Amt.	Depreciation Reserves Beg. of Yr. Bal.	Salvage/ (Retirements)	Rate End of Yr. Bal.	Remaining Cost
301	\$ -	\$ -	\$ -		\$ -			\$ -	\$ -		\$ -	\$ -
302	-	-	-		-			-	-		-	-
303	-	-	-		-			-	-		-	-
311	1,200	1,200	1,200		1,200			-	-		-	1,200
312	213,839	213,839	213,839		213,839	2.00%	788	4,277	95,056		99,333	114,506
321	-	-	-		-			-	-		-	-
322	-	-	-		-			-	-		-	-
323	-	-	-		-			-	-		-	-
325	-	-	-		-			-	-		-	-
331	-	-	-		-		711	-	-		-	-
332	-	-	-		-		711	-	-		-	-
333	-	-	-		-		711	-	-		-	-
334	-	-	-		-		711	-	-		-	-
342	-	-	-		-		717	-	-		-	-
344	-	-	-		-		717	-	-		-	-
345	-	-	-		-		717	-	-		-	-
351	-	-	-		-		733	-	-		-	-
352	-	-	-		-		733	-	-		-	-
353	-	-	-		-		733	-	-		-	-
354	-	-	-		-		738	-	-		-	-
358	365,886	416,667	391,276		391,276	4.00%	738	15,651	247,881	(8,961)	254,371	162,096
359	-	-	-		-		743	-	-		-	-
361	644,912	644,912	644,912		644,912	3.00%	743	19,347	681,164		700,512	(55,600)
362	-	-	-		-		743	-	-		-	-
363	219,892	219,892	219,892		219,892	2.50%	743	5,497	147,844		153,342	66,550
364	16,706	16,706	16,706		16,706	2.50%	743	418	13,953		14,370	2,336
365	179,614	179,614	179,614		179,614	3.00%	743	5,388	159,199		164,588	15,026
366	108,244	108,244	108,244		108,244	4.00%	743	4,330	110,578		114,908	(6,664)
367	6,940	6,940	6,940		6,940	4.00%	743	278	8,239		8,516	(1,576)
368	106,071	106,071	106,071		106,071	3.00%	743	3,182	72,028		75,210	30,861
369	31,750	31,750	31,750		31,750	3.00%	743	953	58,780		59,732	
370	24,028	24,028	24,028		24,028	5.00%	743	1,201	16,936		18,138	5,890
371	124,782	124,782	124,782		124,782	5.00%	753	6,239	120,506		126,745	(1,963)
381	167,348	167,348	167,348		167,348	4.00%	788	6,694	175,913		182,607	(15,259)
382	657	657	657		657	4.00%	788	26	815		842	(185)
383	1,455	1,455	1,455		1,455	4.00%	788	58	4,428		4,486	
384	503,532	695,799	599,666		599,666	10.00%	804	59,967	449,502	(107,733)	401,736	294,063
385	9,054	9,054	9,054		9,054	5.50%	788	498	13,115		13,613	(4,559)
386	19,904	19,904	19,904		19,904	5.00%	788	995	27,159		28,154	(8,250)
387	101,521	101,521	101,521		101,521	4.00%	788	4,061	64,280		68,341	33,180
388	-	-	-		-		788	-	-		-	-
391	-	-	-		-		788	-	-		-	-
	<u>\$ 2,847,335</u>	<u>\$ 3,090,383</u>	<u>\$ 2,968,859</u>	<u>\$ -</u>	<u>\$ 2,968,859</u>			<u>\$ 139,060</u>	<u>\$ 2,467,376</u>	<u>\$ (116,694)</u>	<u>\$ 2,489,742</u>	<u>\$ 631,654</u>

Amount of depreciation expense charged to:

A/C#	Amount Charged
733	-
738	15,651
743	40,594
753	6,239
788	16,609
Deprec Expense	<u>79,093</u>
804	<u>59,967</u>
	<u>\$ 139,060</u>

PILOT Calculation (all property located within the Village)

A/C# 311 to 371	\$ 2,043,864	Balance as of 5/31/18
Accum Deprec	<u>(1,732,164)</u>	Balance at Beg of Yr
Net Book Value	\$ 311,700	
Equalization Rate	80.00%	Fiscal Yr 2017-2018
Equalized NBV	\$ 249,360	
Prop Tax Rate	\$ 19.00	2017-2018 Tax Rate
PILOT	<u>\$ 4,738</u>	
PILOT - Rounded	<u>\$ 4,700</u>	

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

FORECASTED CAPITAL IMPROVEMENTS – FISCAL YEAR MAY 31, 2018 AND RATE YEAR

Period 11/1/2017 to 5/31/2018 - Per Superintendent's Capital Budget

<u>Account</u>	<u>Type</u>	<u>Capitalized Labor</u>	<u>Overhead Costs**</u>	<u>Capitalized Material/ Vendor Costs</u>	<u>Total Cost</u>	<u>Value of Asset(s) Retired</u>	<u>Net Additions</u>
358	North Richfield Street	\$ 4,627	\$ 4,715	\$ 8,899	\$ 18,241	\$ (2,736)	\$ 15,505
358	West Main Street	2,776	2,828	5,187	10,791	(1,619)	9,172
358	Grove Street	4,627	4,715	8,907	18,249	(2,737)	15,512
358	Carver Avenue	2,776	2,808	3,249	8,833	(1,325)	7,508
		<u>\$ 14,806</u>	<u>\$ 15,066</u>	<u>\$ 26,242</u>	<u>\$ 56,114</u>	<u>\$ (8,417)</u>	<u>\$ 47,697</u>

The above identified capital projects are for the rebuilds of certain distribution lines.

Rate Year - Period 6/1/2018 to 5/31/2019 - Per Superintendent's Capital Budget

<u>Account</u>	<u>Type</u>	<u>Capitalized Labor</u>	<u>Overhead Costs**</u>	<u>Capitalized Material/ Vendor Costs</u>	<u>Total Cost</u>	<u>Value of Asset(s) Retired</u>	<u>Net Additions</u>
358	Church Street (Michigan to Center Sts)	\$ 2,776	\$ 2,796	\$ 1,962	\$ 7,534	\$ (1,130)	\$ 6,404
358	Church Street (Henry to Center Sts)	4,627	4,697	7,079	16,403	(2,460)	13,943
358	Walnut Street (Henry to Center Sts)	2,776	2,795	1,889	7,460	(1,119)	6,341
358	Walnut Street (Michigan to Center Sts)	4,627	4,667	4,106	13,400	(2,010)	11,390
358	Youngs Avenue	4,627	4,682	5,636	14,945	(2,242)	12,703
384	Bucket Truck	-	-	300,000	300,000	(107,733)	192,267
		<u>\$ 19,433</u>	<u>\$ 19,637</u>	<u>\$ 320,672</u>	<u>\$ 359,742</u>	<u>\$ (116,694)</u>	<u>\$ 243,048</u>

Other than the purchase of the bucket truck, the above identified capital projects are for the rebuilds of certain distribution lines.

Overhead Costs** - Represent overhead costs for Truck equipment, stores handling and allocation of employee benefits.

Revised Tariff Leaves

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 1
REVISION: 4
SUPERSEDING REVISION: 0

COVER

MOHAWK MUNICIPAL COMMISSION
CONCURRENCE TARIFF

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 2
REVISION: 5
SUPERSEDING REVISION: 1

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COMPANY: MOHAWK MUNICIPAL COMMISSION
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LEAF: 3
REVISION: 4
SUPERSEDING REVISION: 0

GENERAL INFORMATION

A. CONCURRENCE:

The Mohawk Municipal Commission 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 of Mohawk and that portion of the Town of German Flatts served under franchises granted to the Village of Mohawk.

PSC NO: 2 ELECTRICITY
 COMPANY: MOHAWK MUNICIPAL COMMISSION
 INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 4
 REVISION: 4
 SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 1

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, single phase, 60 cycle, 120 volts 2 wire, or 120/240 volt 3 wire, or 120/208 volt 3 wire.

RATE:

December - March

Customer Charge	\$ 3.2500
First 750 kWh, per kWh	\$.0343
Over 750 kWh, per kWh	\$.0566

April - November

Customer Charge	\$ 3.2500
All kWh, per kWh	\$.0349

MINIMUM CHARGE:

Per meter, per month	\$ 3.2500
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PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 5
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 1 (CONT'D)

TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid in full on or before the "Due Date" specified on the bill which shall be at least 20 days after the date on which the bill is rendered. A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) on a Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "Due Date" will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him or her to pay without the late payment charge after the "Due Date."

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

TERM:

One year and thereafter one-year terms until terminated on 72 hours prior written notice.

SPECIAL PROVISIONS:

- A. Application for service may be oral, except as herein otherwise provided.
- B. Whenever service is supplied from a line extension constructed in accordance with the provisions of Rule V of the NYMPA generic tariff, and whenever such service is subject to a surcharge or minimum charge determined pursuant to these rules, Customer shall:
 - 1. Make written application for service upon the Utility's prescribed forms.
 - 2. Comply with all of the applicable provisions of the rules including the guarantee to pay the surcharge or minimum charge.
 - 3. Upon terminating service, pay the balance due on the surcharge or minimum charge.
- C. Customer shall provide any facilities necessary to secure his or her own equipment against disturbances including but not limited to loss of phase, transients, voltage pulses or harmonic frequencies whether originating with his or her own equipment or elsewhere. These facilities shall be installed on the load side of Customer's service equipment.

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INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 6
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 1 (CONT'D)

- D. If the customer proposes to install computers, solid state devices, or other voltage sensitive equipment, the Customer may have to safeguard this equipment by the application of line filters, solid state line-voltage regulators, transient suppressors, isolating transformers, uninterruptible power supply (UPS) systems or motor generators. Utility distribution systems normally operate between certain voltage limits as established by National Standards. The Utility should be contacted for further guidance.
- E. Multiple meters at single-family dwellings or at individual flats or apartments in multiple-family dwelling shall be combined into a single billing for said single-family dwellings, or for individual flat or apartment in multiple-family dwellings.
- F. The character of service (voltages) for service to apartmental units shall be 120/240 volt or single phase or 120/208 volt, three phase, four wire, Wye at the Utility's option based on availability, loadings, etc. All meters shall be furnished and installed by the Utility. For installations in excess of six (6) metered positions, the Customer shall install the meter module within the structure and shall be accessible to Utility personnel on a round-the-clock basis. Location of meter modules will not be accepted if location is to be utilized as any form of storage facility. Total access to the meter module must be guaranteed by the Customer.
- G. The Customer shall apply for and receive permission from the Utility prior to effecting any changes and/or modification of the Customer's wiring or service. Failure to comply with the regulation shall cause the Utility to refuse its service to, or remove its service from, any installation which in the judgment of the Utility will injuriously affect the operation of its system or its service to others.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 7
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 2

APPLICABLE TO USE OF SERVICE FOR:

Small commercial business, governmental use, professional, and all other service type consumers.

CHARACTER OF SERVICE:

Continuous - Alternating current, 60 cycle, single phase 120/240 volt or three phase 120/208 volt or 600 volt.

RATE:

December - March

Customer Charge	\$ 3.2500
All kWh, per kWh	\$.0423

April - November

Customer Charge	\$ 3.2500
All kWh, per kWh	\$.0284

MINIMUM CHARGE:

Per meter, per month	\$ 3.2500
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TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid in full on or before the "Due Date" specified on the bill which shall be at least 20 days after the date on which the bill is rendered. A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) on a Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "Due Date" will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him or her to pay without the late payment charge after the "Due Date."

PURCHASED POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 8
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 2 (CONT'D)

TERM:

The Customer will be responsible for any use of service until 2 days after written notice to discontinue service has been received by the Utility.

SPECIAL PROVISIONS:

- A. Application for service may be oral, except as herein otherwise provided.
- B. Whenever service is supplied from a line extension constructed in accordance with the provisions of Rule V of the NYMPA generic tariff, and whenever such service is subject to a surcharge or minimum charge determined pursuant to these rules, Customer shall:
 - 1. Make written application for service upon the Utility's prescribed forms.
 - 2. Comply with all of the applicable provisions of the rules including the guarantee to pay the surcharge or minimum charge.
 - 3. Upon terminating service, pay the balance due on the surcharge or minimum charge.
- C. Customer shall provide any facilities necessary to secure his or her own equipment against disturbances including but not limited to loss of phase, transients, voltage pulses or harmonic frequencies whether originating with his or her own equipment or elsewhere. These facilities shall be installed on the load side of Customer's service equipment.
- D. If the customer proposes to install computers, solid state devices, or other voltage sensitive equipment, the Customer may have to safeguard this equipment by the application of line filters, solid state line-voltage regulators, transient suppressors, isolating transformers, uninterruptible power supply (UPS) systems or motor generators. Utility distribution systems normally operate between certain voltage limits as established by National Standards. The Utility should be contacted for further guidance.
- E. The rate is available for total requirement Customers with monthly usage less than 5000 kWh in any 2 consecutive winter months (December through March billing periods). Customers with monthly usage exceeding 5000 kWh in any 2 consecutive months shall be transferred to Service Classification No. 3 for a period of 12 months. If consumption is less than 5000 kWh and less than 20 kW per month, for 12 consecutive months, the Customers will be returned to Service Classification No. 2.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 9
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 2 (CONT'D)

SPECIAL PROVISIONS: (CONT'D)

F. Primary and Secondary Voltage Service

1. Where an overhead primary voltage service (2,400; 4,160 volts) is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches, transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
2. Where an underground primary voltage service is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system service to the point of connection on the Utility's electric system.
3. Where an overhead secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
4. Where the underground secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system to the point of connection on the Utility's electric system.

- G. The Customer, in taking three phase electric service, shall connect his or her lighting and other single phase loads so as to maintain as nearly as is reasonably possible equal currents in each of three phase conductors at the point of delivery. The current in any phase conductor shall not exceed the average of the currents in all three phase conductors by more than five percent (5%).

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 10
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 3

APPLICABLE USE OF SERVICE FOR:

Large commercial business, governmental use, professional and all other service type customers.

CHARACTER OF SERVICE:

Continuous - Alternating current, 60 cycle, single phase 120/240 volt, or three phase 120/208, 240, 480 or 600 volt, or three phase 4160 volt at the option of the Utility.

RATE:

	<u>Rate</u>
Demand charge, per kW	\$5.3000
Energy charge, per kWh	\$0.0152

MINIMUM CHARGE:

Per meter, per month shall be the demand charge.

DETERMINATION OF DEMAND:

- A. A demand meter shall be installed and the large commercial rate shall apply whenever a Customer energy use exceeds 5000 kWh in any 2 consecutive winter months (December through March billing periods). The demand meter shall remain and the large commercial rate shall apply until such time as the monthly energy usage and demand falls below 5000 kWh and 20 kW, respectively, for 12 consecutive months, which requirement may not be avoided by temporarily terminating service.
- B. The demand shall be measured at 15 minute intervals, and for billing purposes, shall be the greater of:
 - 1. The maximum demand occurring during the month, or
 - 2. Seventy-five percent (75%) of the highest demand occurring during any of the preceding 11 months.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 11
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 3 (CONT'D)

TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid in full on or before the "Due Date" specified on the bill which shall be at least 20 days after the date on which the bill is rendered. A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) on a Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "Due Date" will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him or her to pay without the late payment charge after the "Due Date."

PURCHASE POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

TERM:

One year and thereafter one-year terms until terminated on 72 hours prior written notice.

SPECIAL PROVISIONS:

- A. Application for service may be oral, except as herein otherwise provided.
- B. Whenever service is supplied from a line extension constructed in accordance with the provisions of Rule V of the NYMPA generic tariff, and whenever such service is subject to a surcharge or minimum charge determined pursuant to these rules, Customer shall:
 - 1. Make written application for service upon the Utility's prescribed forms.
 - 2. Comply with all of the applicable provisions of the rules including the guarantee to pay the surcharge or minimum charge.
 - 3. Upon terminating service, pay the balance due on the surcharge or minimum charge.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 12
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 3 (CONT'D)

SPECIAL PROVISIONS: (CONT'D)

- C. Customer shall provide any facilities necessary to secure his or her own equipment against disturbances including but not limited to loss of phase, transients, voltage pulses or harmonic frequencies whether originating with his or her own equipment or elsewhere. These facilities shall be installed on the load side of Customer's service equipment.
- D. If the customer proposes to install computers, solid state devices, or other voltage sensitive equipment, the Customer may have to safeguard this equipment by the application of line filters, solid state line-voltage regulators, transient suppressors, isolating transformers, uninterruptible power supply (UPS) systems or motor generators. Utility distribution systems normally operate between certain voltage limits as established by National Standards. The Utility should be contacted for further guidance.
- E. The Customer, in taking three phase electric service, shall connect his or her lighting and other single phase loads so as to maintain as nearly as is reasonably possible equal currents in each of three phase conductors at the point of delivery. The current in any phase conductor shall not exceed the average of the currents in all three phase conductors by more than five percent (5%).
- F. Primary and Secondary Voltage Service
 - 1. Where an overhead primary voltage service (2,400; 4,160 volts) is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches, transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
 - 2. Where an underground primary voltage service is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system service to the point of connection on the Utility's electric system.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 13
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 3 (CONT'D)

SPECIAL PROVISIONS: (CONT'D)

3. Where an overhead secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
4. Where the underground secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system to the point of connection on the Utility's electric system.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 14
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 4

APPLICABLE TO USE OF SERVICE FOR:

Dedicated primary service.

CHARACTER OF SERVICE:

Continuous - Alternating current, 60 cycle, three phase, 4160 volt.

RATE:

	<u>Rate</u>
Demand charge, per kW	\$6.6000
Energy charge, per kWh	\$0.0388

MINIMUM CHARGE:

The minimum charge shall be the demand charge.

DETERMINATION OF DEMAND:

- A. The demand shall be measured at 15 minute intervals, and for billing purposes, shall be the greater of:
1. The maximum demand occurring during the month, or
 2. Seventy-five percent (75%) of the highest demand occurring during the preceding eleven months.

TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid without imposition of a charge for late payment if paid in full on or before the "last day to pay" date specified on the bill which shall be at least 20 days after the date on which the bill is rendered.

A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) per month on Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "last day to pay" date will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him/her to pay without the late payment charge after "last day to pay" date.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 15
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 4 (CONT'D)

PURCHASE POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

TERM:

One year and thereafter for one-year terms until terminated on 72 hours prior written notice.

SPECIAL PROVISIONS:

- A. Application for service may be oral, except as herein otherwise provided.
- B. Whenever service is supplied from a line extension constructed in accordance with the provisions of Rule V of the NYMPA generic tariff, and whenever such service is subject to a surcharge or minimum charge determined pursuant to these rules, Customer shall:
 - 1. Make written application for service upon the Utility's prescribed forms.
 - 2. Comply with all of the applicable provisions of the rules including the guarantee to pay the surcharge or minimum charge.
 - 3. Upon terminating service, pay the balance due on the surcharge or minimum charge.
- C. Customer shall provide any facilities necessary to secure his or her own equipment against disturbances including but not limited to loss of phase, transients, voltage pulses or harmonic frequencies whether originating with his or her own equipment or elsewhere. These facilities shall be installed on the load side of Customer's service equipment.
- D. If the customer proposes to install computers, solid state devices, or other voltage sensitive equipment, the Customer may have to safeguard this equipment by the application of line filters, solid state line-voltage regulators, transient suppressors, isolating transformers, uninterruptible power supply (UPS) systems or motor generators. Utility distribution systems normally operate between certain voltage limits as established by National Standards. The Utility should be contacted for further guidance.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 16
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 4 (CONT'D)

SPECIAL PROVISIONS: (CONT'D)

- E. The Customer, in taking three phase electric service, shall connect his or her lighting and other single phase loads so as to maintain as nearly as is reasonably possible equal currents in each of three phase conductors at the point of delivery. The current in any phase conductor shall not exceed the average of the currents in all three phase conductors by more than five percent (5%).
- F. Primary and Secondary Voltage Service
1. Where an overhead primary voltage service (2,400; 4,160 volts) is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches, transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
 2. Where an underground primary voltage service is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system service to the point of connection on the Utility's electric system.
 3. Where an overhead secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer, from the metered point of service entrance, at his or her own expense and in a manner satisfactory to the Utility, shall furnish, install and maintain such switches transformers, regulators, capacitors and other equipment as the Utility may deem necessary to assure stability and compatibility with the system service.
 4. Where the underground secondary voltage service is greater than 400 amps to non-residential Customers is supplied, the Customer shall furnish, install and maintain all electrical equipment such as all wire switches, transformer, regulators, capacitors and other required equipment as the Utility may deem necessary to assure stability and compatibility with the system to the point of connection on the Utility's electric system.

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COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 17
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 5

APPLICABLE TO USE OF SERVICE FOR:

Private outdoor lighting.

CHARACTER OF SERVICE:

Limited period - approximately 4200 hours per year, 60 cycle alternating current at approximately 120 volts.

RATE:

Per month, per 150 watt lamp	\$ 7.25
Per month, per 175 watt lamp	\$ 8.37
Per month, per 250 watt lamp	\$11.96
Per month, per 400 watt lamp	\$18.56

TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid in full on or before the "Due Date" specified on the bill which shall be at least 20 days after the date on which the bill is rendered. A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) on a Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "Due Date" will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him or her to pay without the late payment charge after the "Due Date."

PURCHASE POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

TERM:

One year, commencing on the day of installation and thereafter from year to year until terminated on 30 days written notice.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 18
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 5 (CONT'D)

SPECIAL PROVISIONS:

- A. Application for service may be oral, except as herein otherwise provided.
- B. Whenever service is supplied from a line extension constructed in accordance with the provisions of Rule V of the NYMPA generic tariff, and whenever such service is subject to a surcharge or minimum charge determined pursuant to these rules, Customer shall:
 - 1. Make written application for service upon the Utility's prescribed forms.
 - 2. Comply with all of the applicable provisions of the rules including the guarantee to pay the surcharge or minimum charge.
 - 3. Upon terminating service, pay the balance due on the surcharge or minimum charge.
- C. The Utility shall furnish, install, own, operate and maintain a photo-electrically controlled luminaire complete with suitable pipe bracket. The lighting unit will be installed only on private property owned or leased by the Customer. The Customer shall furnish and install the necessary pole and other support, except as hereinafter provided, and the necessary wiring to connect the unit on the line side of the Customer's meter. The Utility reserves the right to require a mounting height which will provide proper light distribution from the unit. Where a Utility pole is appropriately located on the premises owned or leased by the Customer, the Utility may waive the requirement that the Customer furnish the necessary pole or other support.
- D. Upon written request by the Customer, the Utility will change the location of the lighting unit, providing a proper support is furnished and installed. The Customer must agree in writing to pay Utility for the cost incurred in making such change.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 19
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 6

APPLICABLE TO USE OF SERVICE FOR:

Public Street lighting.

CHARACTER OF SERVICE:

Limited period - approximately 4200 hours per year, 60 cycle alternating current at approximately 120 volts.

RATE:

Facilities charge, per lamp, per month	\$ 6.50
All kWh, per month	\$ 0.0323

TERMS OF PAYMENT:

All bills are due when personally served or three days after the mailing of the bill and may be paid in full on or before the "Due Date" specified on the bill which shall be at least 20 days after the date on which the bill is rendered. A monthly late payment charge will be assessed at a rate of one and one-half percent (1½%) on a Customer's unpaid balance, including service billing arrears and unpaid late payment charges. Remittance mailed on the "Due Date" will be accepted without the late charge, the postmark to be conclusive evidence of the date of the mailing. The failure on the part of the Customer to receive the bill shall not entitle him or her to pay without the late payment charge after the "Due Date."

PURCHASE POWER ADJUSTMENT:

The charges set forth in this service classification shall be subject to a purchased power adjustment as explained in the NYMPA generic tariff. The charges billed under this section shall be subject to the late payment charge.

TERM:

One year, commencing on the day of installation and thereafter from year to year until terminated on 30 days written notice.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 20
REVISION: 4
SUPERSEDING REVISION: 0

SERVICE CLASSIFICATION NO. 6 (CONT'D)

SPECIAL PROVISIONS:

- A. The Utility will furnish any and all system requirements for erection and repair of street lights.
- B. The Utility will furnish labor and maintenance necessary for functioning of Village street lights.
- C. Additional lights may be added upon agreement between the Village and the Utility.
- D. The Utility shall, from time to time, adjust the energy rate for this Service Classification as may be required to reflect operation and maintenance cost. Generally, such adjustments will be made at the end of the fiscal year.

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 21
REVISION: 5
SUPERSEDING REVISION: 1

CHARGES

A. RECONNECTION CHARGE:

When service has been discontinued for reasons other than non-payment and the same Customer applies for reconnection of service at the same location within four (4) months, a reconnection charge will be made in the amounts as follows:

\$25.00 between 8:00 a.m. and 3:30 p.m. on working days, Monday through Friday.

\$50.00 after 3:30 p.m. on working days, Monday through Friday, and all day Saturday, Sunday and Holidays.

The reconnection charge shall be payable before service will be established.

B. POLE ATTACHMENT RATES:

For a cable system operator or telecommunication carrier who has a franchise to operate within the municipality's service territory and who has an executed pole attachment agreement with the municipality which permits attachment to electric system poles owned solely or jointly by the municipality, the annual rate is as follows:

	<u>Pole Attachment</u>
Cable System Operator	\$8.51 per equivalent pole
Telecommunication Carrier	\$8.51 per equivalent pole

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 22
REVISION: 4
SUPERSEDING REVISION: 0

FORMS

APPLICATION FOR ELECTRIC SERVICE

The Mohawk Municipal Commission is hereby requested to furnish the undersigned with electrical service: such service to be supplied by the Utility under the rules and regulations as filed with the New York State Public Service Commission and available for inspection at Utility's office. The undersigned agrees to pay for service in accordance with applicable service classifications.

ADDRESS OF SERVICE: _____
BILLING ADDRESS: _____
APPLICANT'S NAME: _____

****PLEASE COMPLETE THE FOLLOWING****

Are you or a resident physically disabled or mentally incapacitated, including blindness, infirmity or limited mobility? _____ Yes _____ No

Is there use of any life support systems in this home, such as dialysis, oxygen or apnea? _____ Yes _____ No

Are there any factual circumstances indicating any other serious or hazardous health situations that would be effected by prolonged power outage? _____ Yes _____ No

Any other name you have gone by (former/maiden): _____

Name of spouse and/or other adult occupants: _____

Ages of children living in this residence: _____

Employer: _____ Telephone: _____
Address: _____

Emergency contact (nearest relative/friend): _____
Address: _____

Applicant's Social Security No. _____ Telephone: _____

****A COPY OF YOUR DRIVER'S LICENSE IS REQUIRED****

Applicant's Signature: _____ Date: _____

Rec'd By: _____

SERVICE BEGIN DATE: _____ END DATE: _____ ACCOUNT NO. _____

Issued by: Andrew Steele and Michael Shedd, Co-Supervisors
28 Columbia St., Mohawk, NY 13407

PSC NO: 2 ELECTRICITY
COMPANY: MOHAWK MUNICIPAL COMMISSION
INITIAL EFFECTIVE DATE: 6/01/2018

LEAF: 23
REVISION: 3
SUPERSEDING REVISION:

PURCHASED POWER ADJUSTMENT CHARGE

APPLICABILITY:

All customers receiving service under any of the Mohawk Municipal Commission's Electric Department's Service Classification are subject to purchased power adjustment charges ("PPAC").

ADJUSTMENT CHARGE:

The PPAC shall be the amount which shall be added to each kilowatt-hour of each rate schedule to reflect and recover all purchased power and transmission costs billed to the Mohawk Municipal Commission Electric Department from all service providers.

CALCULATION OF THE PURCHASED POWER ADJUSTMENT CHARGE:

The PPAC shall equal the total cost of all power and transmission costs billed to the Mohawk Municipal Commission Electric Department in each month divided by the kWh purchases in that month, less the base cost of purchased power measured at system input level adjusted by a loss factor (Factor of Adjustment). The result cost per kWh shall be rounded to the nearest \$0.000001 and applied as a charge or credit to all kilowatt-hours billed in the following month.

ANNUAL RECONCILIATION:

At the end of each fiscal year the Mohawk Municipal Commission will perform a reconciliation to determine whether there was an under- or over-collection of purchased power expense during the preceding year. The calculation is as follows:

Total Purchased Power Cost - (kWh sold x Base Cost of Purchased Power x Factor of Adjustment).

The result will then be compared to the actual PPAC revenues recovered during this period to determine if a PPA Reconciliation Surcharge or Refund is applicable. The resultant Surcharge or Refund will be included as a line item in the following month(s) calculation(s) of PPAC in order to adjust revenues to more accurately reflect actual expenses. The number of months over which the Surcharge or Refund will be included will depend on the size of the Surcharge or Refund. If the Surcharge/Refund is under \$10,000 it will be included in one month. Surcharges/Refunds between \$10,000 and \$20,000 will be split between two months and any Surcharges/Refunds over \$20,000 will be charged/credited in \$10,000/month increments until complete in order to minimize the impact on rate payers.

Workpapers

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

WEATHER NORMALIZATION OF REVENUES (BASED ON MAY 31, 2017)

Note: Enter actual base cost of fuel and RY FOA. Everything else is formula driven from the information on the next 2 sheets.

MOHAWK MUNICIPAL COMMISSION

Historic 5/31/2017

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

From 5/31/17 Annual Report: Actual kWh & Actual Base Revenue

	kWh Sold			Base Revenue		
	Winter	Summer	Total kWh	Winter	Summer	Total \$
	<u>Dec - March kWh</u>	<u>Apr - Nov kWh</u>		<u>Dec-March \$</u>	<u>Apr-Nov \$</u>	
601 Residential	6,441,325	7,955,244	14,396,569	\$ 265,577	\$ 257,593	\$ 523,170
602, 608 Commercial	1,735,157	3,090,133	4,825,290	\$ 53,223	\$ 85,844	\$ 139,067
Total	8,176,482	11,045,377	19,221,859	\$ 318,800	\$ 343,437	\$ 662,237

Weather Normalization

	Dec-March	Dec-March	Increase/(Decrease)	Adjusted		
	<u>Non-Weather kWh</u>	<u>Weather kWh</u>	6.3%	<u>Dec - Mar kWh</u>		
			<u>Weather Load</u>			
601 Residential	3,071,560	3,369,765	3,582,125	6,653,685		
602, 608 Commercial	1,247,210	487,947	518,697	1,765,907	8,419,592	
Total	4,318,770	3,857,712	4,100,822	8,419,592	8,176,482	
					243,110	3.0%

	Dec-March	Adjusted	
	<u>Base Revenue</u>	<u>Base Revenue</u>	
601 Residential	265,577	273,473	
602 - 608 Commercial	53,223	54,805	
Total	318,800	328,279	9,479

Purchased Power
change in kWh 243,110

Base Cost of Fuel 0.014403
FOA - RY 1.062559
0.0153040

3,721

	Staff	Rev. Req.
	<u>Adjustment</u>	<u>Effect</u>
Revenue	9,479	(9,479)
Purchased Power	3,721	3,721
Net		(5,758)

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

WEATHER NORMALIZATION OF REVENUES (BASED ON MAY 31, 2017)

Note: Copy kWh data from Annual Report / Historic Test Year. Determine 2 lowest months of kWh usage for Residential and Commercial.

MOHAWK MUNICIPAL COMMISSION

5/31/2017 Sales - from Annual Report

601- RESIDENTIAL

	<u>kWh</u>	<u>Total</u>		<u>Base Rev</u>	<u>Total</u>
June	857,468	857,468		\$ 28,198	\$ 28,198
July	791,746	791,746	<u>Lowest 2 Months</u>	26,291	26,291
August	1,351,971	1,351,971	791,746 July	42,596	42,596
September	832,432	832,432	744,034 May	27,472	27,472
October	836,236	836,236		27,588	27,588
November	1,149,031	1,149,031	<u>AVG</u>	36,682	36,682
December	1,317,132	1,317,132	767,890	52,792	52,792
January	1,809,539	1,809,539		75,632	75,632
February	1,808,206	1,808,206		75,539	75,539
March	1,506,448	1,506,448		61,614	61,614
April	1,392,326	1,392,326		43,898	43,898
May	744,034	744,034		24,868	24,868
	<u>14,396,569</u>	<u>14,396,569</u>		\$ 523,170	\$ 523,170

602 - COMMERCIAL

	<u>kWh</u>	<u>Total</u>		<u>Base Rev</u>	<u>Total</u>
June	391,621	391,621		\$ 10,991	\$ 10,991
July	334,270	334,270	<u>Lowest 2 Months</u>	10,098	10,098
August	519,272	519,272	290,348 May	12,902	12,902
September	333,257	333,257	333,257 Sep	10,178	10,178
October	407,611	407,611		10,707	10,707
November	365,659	365,659	<u>AVG</u>	10,368	10,368
December	377,779	377,779	311,803	12,009	12,009
January	484,103	484,103		14,208	14,208
February	452,371	452,371		13,916	13,916
March	420,904	420,904		13,090	13,090
April	448,095	448,095		11,702	11,702
May	290,348	290,348		8,898	8,898
	<u>4,825,290</u>	<u>4,825,290</u>		\$ 139,067	\$ 139,067

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

WEATHER NORMALIZATION OF REVENUES (BASED ON MAY 31, 2017)

Note: Update HDD from weather station closest to municipality.

Mohawk Municipal Commission

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

Syracuse, New York

SEASON	NOV	DEC	JAN	FEB	MAR	APR	Total	% deviation from 10-yr avg
2007-08	806	1152	1091	1132	1021	404	5606	
2008-09	802	1122	1445	1079	917	519	5884	
2009-10	642	1142	1291	1089	754	401	5319	
2010-11	722	1221	1364	1151	983	487	5928	
2011-12	544	904	1048	942	568	578	4584	
2012-13	764	910	1154	1112	959	559	5458	
2013-14	820	1139	1393	1228	1212	568	6360	
2014-15	755	1005	1478	1576	1172	551	6537	
2015-16	571	734	1208	1086	779	669	5047	
2016-17	664	1092	1099	883	1076	430	5244	-6.3%
							5597	10 Year Average of November-April

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**EXPENSE ALLOCATION
Fiscal Year May 31, 2017**

<u>Expense</u>	<u>Fiscal Yr. 2017</u> <u>Amount</u>	<u>Comment</u>
Purchased Power	\$ 707,362	Account 721, PSC Report page 306, including PSC Annual Assessment
Labor	263,177	PSC Report, page 102. Total salaries less salaries capitalized (\$273,997 less \$10,820)
Taxes	-	Account 403, PSC Report page 106
Uncollectible revenues	-	Account 404, PSC Report page 106
Rent	6,975	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement, Training, Other Benefits	244,032	Actual per client
Insurance	-	Account 783, PSC Report page 307
Depreciation	78,255	Accounts 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Transmission	791	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles	61,444	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution	101	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights	23,847	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection	437	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense	37,984	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.	20,616	Account 459, PSC Report page 106
IEEP contributions	(67,401)	Account 792, PSC Report page 307
Allocation of employee benefits		
	<u><u>\$ 1,377,620</u></u>	

**Allocated
Allocated
Remaining**

<u>Cost Category (per PSC Report, excluding depreciation and separately stated costs)</u>	<u>Actual</u>	<u>%</u>	<u>Cost**</u>
Transmission	\$ -	0.00%	\$ -
Maint. Poles	1,854	0.63%	791
Distribution	144,040	49.31%	61,444
Street Lights	236	0.08%	101
Consumer Accounting and Collection	55,904	19.14%	23,847
Sales Expense	1,025	0.35%	437
General & Administrative	89,044	30.48%	37,984
	<u><u>\$ 292,103</u></u>	<u><u>100.00%</u></u>	<u><u>\$ 124,604</u></u>

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

\$ 1,377,620

**** Contractual Costs**

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**EXPENSE ALLOCATION
Fiscal Year May 31, 2016**

<u>Expense</u>	<u>Fiscal Yr. 2016</u>	<u>Amount</u>	<u>Comment</u>
Purchased Power	\$	663,172	Account 721, PSC Report page 306, including PSC Annual Assessment
Labor		251,985	PSC Report, page 102. Total salaries less salaries capitalized (\$260,058 less \$8,073)
Taxes		-	Account 403, PSC Report page 106
Uncollectible revenues		4,853	Account 404, PSC Report page 106
Rent		6,975	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement, Training, Other Benefits		204,192	Actual per client
Insurance		-	Account 783, PSC Report page 307
Depreciation		74,178	Accounts 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual			
Transmission		-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles		360	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution		43,684	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights		289	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection		17,809	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense		617	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.		25,430	Represents an allocation of remaining costs based on cost of individual category. (See below)
IEEP contributions		23,283	Account 459, PSC Report page 106
Allocation of employee benefits		(56,709)	Account 792, PSC Report page 307
	\$	1,260,118	

				Allocated
				Allocated
				Remaining
				Cost**
<u>Cost Category (per PSC Report, excluding depreciation and separately stated costs)</u>	<u>Actual</u>	<u>%</u>		
Transmission	\$ -	0.00%	\$	-
Maint. Poles	1,154	0.41%		360
Distribution	140,041	49.53%		43,684
Street Lights	925	0.33%		289
Consumer Accounting and Collection	57,092	20.19%		17,809
Sales Expense	1,978	0.70%		617
General & Administrative	81,526	28.84%		25,430
Total Cost in P&L (not incl. interest expense)	\$ 282,716	100.00%	\$	88,189

** Contractual Costs

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**EXPENSE ALLOCATION
Fiscal Year May 31, 2015**

<u>Expense</u>	<u>Fiscal Yr. 2015</u> <u>Amount</u>	<u>Comment</u>
Purchased Power	\$ 725,953	Account 721, PSC Report page 306, including PSC Annual Assessment
Labor	239,431	PSC Report, page 102. Total salaries less salaries capitalized (\$246,590 less \$7,159)
Taxes	-	Account 403, PSC Report page 106
Uncollectible revenues	-	Account 404, PSC Report page 106
Rent	6,975	Account 786, PSC Report page 307
FICA, Medical, Wcomp, Retirement, Training, Other Benefits	216,818	Actual per client
Insurance	-	Account 783, PSC Report page 307
Depreciation	70,929	Accounts 738, 743, 753, 788, PSC Report pages 306 and 307
Contractual		
Transmission	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Maint. Poles	1,690	Represents an allocation of remaining costs based on cost of individual category. (See below)
Distribution	44,726	Represents an allocation of remaining costs based on cost of individual category. (See below)
Street Lights	-	Represents an allocation of remaining costs based on cost of individual category. (See below)
Consumer Accounting and Collection	16,646	Represents an allocation of remaining costs based on cost of individual category. (See below)
Sales Expense	343	Represents an allocation of remaining costs based on cost of individual category. (See below)
General & Administ.	26,633	Represents an allocation of remaining costs based on cost of individual category. (See below)
IEEP contributions	23,455	Account 459, PSC Report page 106
Allocation of employee benefits	(54,070)	Account 792, PSC Report page 307
	<u><u>\$ 1,319,529</u></u>	

		<u>Cost Category (per PSC Report, excluding depreciation and separately stated costs)</u>		<u>Actual</u>	<u>%</u>	<u>Allocated Allocated Remaining Cost**</u>
		Transmission	\$	-	0.00%	\$ -
		Maint. Poles		5,032	1.88%	1,690
		Distribution		133,136	49.67%	44,726
		Street Lights		-	0.00%	-
		Consumer Accounting and Collection		49,550	18.49%	16,646
		Sales Expense		1,022	0.38%	343
		General & Administrative		79,279	29.58%	26,633
Total Cost in P&L (not incl. interest expense)	<u><u>\$ 1,319,529</u></u>			<u><u>\$ 268,019</u></u>	<u><u>100.00%</u></u>	<u><u>\$ 90,038</u></u>

** Contractual Costs

MOHAWK MUNICIPAL COMMISSION ELECTRIC DEPARTMENT

PROJECTED COSTS FOR RATE YEAR

<u>Expense</u>	(Workpaper B) Fiscal Yr. 2017 <u>Amount</u>	(Workpaper B-1) Fiscal Yr. 2016 <u>Amount</u>	(Workpaper B-2) Fiscal Yr. 2015 <u>Amount</u>	Three Year <u>Average</u>	Costs Adjusted for Known or <u>Calculated Changes</u>	<u>Cost Determined by:</u>
Purchased Power	\$ 707,362	\$ 663,172	\$ 725,953	\$ 698,829	\$ 682,312	Calculated - Weather Normalization Adjustment of \$3,721 plus Fiscal Year 2017 amounts. Then reduced by reduction in purchased power costs as a result of lost residential customers and suspension of High School service.
Labor, net of capitalized amounts	263,177	251,985	239,431	251,531	271,178	Labor dollars are based on increases in individual employee contracts in effect during the Rate Year (See Workpaper E for further information). Capitalized salaries are presented in Exhibit 15) Total labor dollars in the Rate Year are projected to be \$290,611, of which \$19,433 will be capitalized.
Taxes	-	-	-	-	-	No taxes expected in Rate Year.
Uncollectible revenues	-	4,853	-	1,618	1,618	3 Year average
Rent	6,975	6,975	6,975	6,975	6,975	Electric Department's share of costs related to Village Hall. Based on annual General Fund budget.
FICA, Medical, Wcomp, Retirement, Training, Other Benefits	244,032	204,192	216,818	221,681	203,274	Based on budgeted or invoiced amounts (allocated to Electric Department), calculation (for FICA) on total salaries.
Depreciation	78,255	74,178	70,929	74,454	79,093	Calculated at Exhibit 14. Increase is due to asset additions.
PILOT - Village General Fund	-	-	-	-	4,700	Based on net book value of operating property multiplied by Village Property Tax Rate of \$19.00 per thousand dollars (Equalization rate of 80%).
Contractual	-	-	-	-	-	
Transmission	-	-	-	-	-	3 Year average (Fiscal Years 2015-2017)
Maint. Poles	791	360	1,690	947	947	3 Year average (Fiscal Years 2015-2017)
Distribution	61,444	43,684	44,726	49,951	49,951	3 Year average (Fiscal Years 2015-2017)
Street Lights	101	289	-	130	130	3 Year average (Fiscal Years 2015-2017)
Consumer Accounting and Collection	23,847	17,809	16,646	19,434	19,434	3 Year average (Fiscal Years 2015-2017)
Sales Expense	437	617	343	466	466	3 Year average (Fiscal Years 2015-2017)
General & Administ.	37,984	25,430	26,633	30,016	30,016	3 Year average (Fiscal Years 2015-2017)
IEEP contributions	20,616	23,283	23,455	22,451	19,552	Anticipated kWh sold multiplied by .001 (Anticipated kWh sold is 19,552,000)
Amortization of rate filing costs	-	-	-	-	5,933	3 year amortization of Rate Filing Costs (\$17,800 divided by 3 years)
Allocation of employee benefits	(67,401)	(56,709)	(54,070)	(59,393)	(68,098)	Total direct labor dollars multiplied by 65% overhead rate for employee benefits
	\$ 1,377,620	\$ 1,260,118	\$ 1,319,529	\$ 1,319,089	\$ 1,307,481	

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

**PURCHASED POWER ADJUSTMENT RECONCILIATION
Fiscal Year May 31, 2017**

		(a)	(b)	(c)		(d)	(e)	(d+e)	(g)	(h)	(g*h)	(f-I)	(j-c)
		KWH	PPAC	Actual	PERIOD	TOTAL	IEEP	TOTAL	TOTAL	BASE	BASE	DIFF.	NET
MONTH	Y R	SALES	\$/KWH	PPAC	ENDING	POWER	CONTRIB	PRESENT	KWH	COST	COST	PRESENT	(OVER)
				REVENUES	MONTH	BILL		COST	DEL.	\$ / KWH	POWER	VS. BASE	UNDER
JUNE	1 6	1,439,410	0.020497	29,485	MAY	50,721	1,439	52,160	1,553,746	0.014403	22,379	29,781	296
JULY	1 6	1,256,528	0.018744	23,571	JUNE	47,799	1,257	49,056	1,529,027	0.014403	22,023	27,033	3,462
AUGUST	1 6	2,075,057	0.016259	33,755	JULY	50,358	2,075	52,433	1,742,465	0.014403	25,097	27,336	(6,419)
SEPTEMBER	1 6	1,319,472	0.020780	27,391	AUGUST	58,966	1,319	60,285	1,776,375	0.014403	25,585	34,700	7,309
OCTOBER	1 6	1,453,786	0.018006	26,195	SEPTEMBER	45,289	1,454	46,743	1,481,988	0.014403	21,345	25,398	(797)
NOV.	1 6	1,706,161	0.016931	28,905	OCTOBER	47,477	1,706	49,183	1,607,313	0.014403	23,150	26,033	(2,872)
DEC.	1 6	1,904,346	0.015658	29,835	NOV.	56,473	1,904	58,377	1,993,503	0.014403	28,712	29,665	(170)
JAN.	1 7	2,558,758	0.022309	56,940	DEC.	91,249	2,559	93,808	2,633,601	0.014403	37,932	55,876	(1,064)
FEB.	1 7	2,570,197	0.017471	44,976	JAN.	79,744	2,570	82,314	2,653,589	0.014403	38,220	44,094	(882)
MARCH	1 7	2,177,685	0.026537	57,648	FEB.	86,933	2,178	89,111	2,248,385	0.014403	32,383	56,728	(920)
APRIL	1 7	2,128,990	0.022076	47,084	MARCH	88,670	2,129	90,799	2,575,612	0.014403	37,097	53,702	6,618
MAY	1 7	1,207,491	0.016203	19,572	APRIL	47,325	1,207	48,532	1,640,595	0.014403	23,629	24,903	5,331
		<u>21,797,881</u>		<u>425,357</u>		<u>751,004</u>	<u>21,797</u>	<u>772,801</u>	<u>23,436,199</u>		<u>337,552</u>	<u>435,249</u>	<u>9,892</u>

(d) Total Power bill includes NYPA, NYMPA, National Grid invoice and TCC charges.

(g) Total kWh delivered is from NYMPA invoice.

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

PROJECTED SALARIES - FISCAL YEAR MAY 31, 2018 AND RATE YEAR

<u>For period 6/1/2017 to 5/31/2018</u>							
Name	Title	Hourly Rate	Projected Gross Pay	Projected Overtime & Longevity Pay	Projected Total Pay	Projected Electric Department Allocation	Percent Allocated to Electric Department
Bernard VonDauber	Commissioner	N/A	\$ 1,200	\$ -	\$ 1,200	\$ 1,000	83.33%
Christopher Edick	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
John Mroz	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Richard Bray	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Pamela Jones	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Andrew Steele	Co-Supervisor	\$ 35.82	74,506	9,800	84,306	51,671	61.29%
Michael Shedd	Co-Supervisor	\$ 34.69	72,155	4,500	76,655	58,074	75.76%
Margaret Hyde	Account Clerk	\$ 23.62	44,714	9,900	54,614	23,560	43.14%
Candace Smithson	Account Clerk	\$ 23.62	44,714	1,500	46,214	40,234	87.06%
Ken Meade	Lineperson	\$ 32.57	67,746	7,900	75,646	44,752	59.16%
Andrew Kroll	Lineperson	\$ 32.57	67,746	3,600	71,346	47,516	66.60%
Andrew Monahan	Laborer (part time)	\$ 17.65	18,356	-	18,356	9,235	50.31%
					<u>\$ 433,136</u>	<u>\$ 280,042</u>	<u>64.65%</u>

<u>For period 6/1/2018 to 5/31/2019 (Rate Year)</u>							
Name	Title	Hourly Rate	Projected Gross Pay	Projected Overtime & Longevity Pay	Projected Total Pay	Projected Electric Department Allocation	Percent Allocated to Electric Department
Bernard VonDauber	Commissioner	N/A	\$ 1,200	\$ -	\$ 1,200	\$ 1,000	83.33%
Christopher Edick	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
John Mroz	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Richard Bray	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Pamela Jones	Commissioner	N/A	1,200	-	1,200	1,000	83.33%
Andrew Steele	Co-Supervisor	\$ 36.89	76,731	9,900	86,631	53,096	61.29%
Michael Shedd	Co-Supervisor	\$ 35.73	74,318	4,700	79,018	59,864	75.76%
Margaret Hyde	Account Clerk	\$ 24.32	47,424	11,000	58,424	25,204	43.14%
Candace Smithson	Account Clerk	\$ 24.32	47,424	1,600	49,024	42,680	87.06%
Ken Meade	Lineperson	\$ 33.54	69,763	8,000	77,763	46,005	59.16%
Andrew Kroll	Lineperson	\$ 33.54	69,763	4,600	74,363	49,526	66.60%
Andrew Monahan	Laborer (part time)	\$ 17.65	18,356	-	18,356	9,235	50.31%
					<u>\$ 449,580</u>	<u>\$ 290,611</u>	<u>64.64%</u>

Projected Salary Costs for Rate Year (June 1, 2018 through May 31, 2019)

	Annual Salaries Allocated	Monthly Salaries Allocated	Rate Year Salaries Allocated	
Projected Salaries for period 6/1/18 to 5/31/19 (from above)	\$ 290,611	\$ 24,218	\$ 290,610.51	12 months in Rate Year (6/1/18 to 5/31/19)
Projected Salaries for Rate Year (6/1/2018 to 5/31/2019)			<u>\$ 290,611</u>	
			\$ 271,178	Salaries expensed
			<u>\$ 19,433</u>	Salaries capitalized (Exhibit 15)
			<u>\$ 290,611</u>	

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

LATE CHARGES AND MISCELLANEOUS REVENUES

	Gross Electric <u>Billings</u>	Late <u>Charges</u>	Percent of <u>Gross Billings</u>	
Fiscal Year 2015	\$ 1,241,266	\$ 7,749	0.62%	
Fiscal Year 2016	1,156,706	8,720	0.75%	
Fiscal Year 2017	1,211,383	9,111	0.75%	
	<u>\$ 3,609,355</u>	<u>\$ 25,580</u>	<u>0.71%</u>	Three year average of Gross Billings
Normalized Gross Electric Billings before Revenue Increase			<u>\$ 1,178,314</u>	
Expected Late Charges on Normalized Revenues (at 0.71%)			<u>\$ 8,366</u>	

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT
MISCELLANEOUS REVENUES SUMMARY
FISCAL YEARS 2015 THROUGH 2017**

	Misc. <u>Revenues</u>
Fiscal Year 2015	\$ 15,786
Fiscal Year 2016	5,679
Fiscal Year 2017	7,598
	<u> </u>
Total Misc Revenues	<u>\$ 29,063</u>
Three year average	<u>\$ 9,688</u>

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

LOST CUSTOMERS - RESIDENTIAL

				FY 2017	FY 2017	FY 2017
	BOY*	EOY*	kWh	Total	Base	PPAC
<u>Location</u>	<u>Meter Read</u>	<u>Meter Read</u>	<u>Usage</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Rate per kWh</u>
						<u>0.019514</u>
11 Charles Street	10,518	37,256	26,738	\$ 1,553	\$ 1,031	\$ 522
13 Charles Street	-	-	-	-	-	-
44 Davendorf St	-	-	-	-	-	-
35 W Center St.	14,100	26,087	11,987	703	469	234
8 Charles Street	-	-	-	-	-	-
12 Charles Street	13,407	47,739	34,332	2,004	1,334	670
1 Harter St.	6,239	19,123	12,884	851	600	251
38 Devendorf St	49,206	55,319	6,113	317	198	119
9 Charles Street	-	-	-	-	-	-
30 Devendorf St	72,139	80,180	8,041	426	269	157
36 Devendorf St	10,022	57,421	47,399	2,686	1,761	925
71 W Main St	-	-	-	-	-	-
69 W Main St	-	-	-	-	-	-
67 W Main St	78,019	86,503	8,484	450	284	166
73 W Main St	-	-	-	-	-	-
9 Devendorf St	-	-	-	-	-	-
30 Firman St	38,144	56,546	18,402	975	616	359
26 Firman St	92,694	101,275	8,581	458	291	167
Total Lost Customers			182,961	\$ 10,423	\$ 6,853	\$ 3,570

Electric Purchases as a % of gross revenues (actual experience in FY 2017)

56%

Reduction in Purchased power due to loss of customers

\$ 5,837

* - kWh information from Fiscal Year 2017 (Historic Test Year)

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

LOST REVENUES - SCHOOL

	<u>kWh</u>		<u>Energy</u>		<u>Demand</u>		<u>Total</u>
	<u>Consumption</u>	<u>KW</u>	<u>Charges</u>		<u>Charges</u>	<u>PPAC</u>	<u>Revenues</u>
June	70,000	240	\$ 903	\$	1,080	\$ 933	\$ 2,916
July	88,400	264	1,140		1,188	1,812	4,140
August	58,800	238	759		1,071	1,102	2,932
Sept	81,600	204	1,053		918	1,327	3,297
Oct	55,600	270	717		1,215	1,155	3,088
Nov	95,200	241	1,228		1,085	1,714	4,027
Dec	69,600	236	898		1,062	1,178	3,138
Jan	63,600	235	820		1,058	996	2,874
Feb	104,000	218	1,342		981	2,320	4,643
March	43,600	212	562		954	762	2,278
April	79,200	222	1,022		999	2,102	4,122
May	71,200	224	918		1,008	1,572	3,498
	880,800	2,804	\$ 11,362	\$	12,618	\$ 16,973	\$ 40,954

Electric Purchases as a % of gross revenues (actual experience in FY 2017) 56%

Reduction in Purchased power due to suspension of High School service \$ 22,934

**MOHAWK MUNICIPAL COMMISSION
ELECTRIC DEPARTMENT**

OVERHEAD CALCULATIONS

Stores Clearing Overhead

802 debits	1,840	=	13% Use 15%
123 credits	<u>14,696</u>		

Transportation Overhead

804 debits	41,823		
<u>Direct Labor \$</u>			
Account 792	67,401		
Divide by py OH %	<u>0.60</u>		
	<u><u>112,335.00</u></u>		37% use 35%

Employee Benefits

Employee Benefits			
Hospitalization	97,780		
DBL	12,437		
Retirement (net of GASB 68 expense)	41,384		
Soc Security	20,927		
Workers Comp	<u>6,162</u>		
	<u>178,690</u>		
Total Salaries	<u><u>273,997</u></u>		65% use 65%