

# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number 111

### ELECTRIC FUND-INCOME STATEMENT

	Actual <u>2014-15</u>	Actual <u>2015-16</u>	Estimate <u>2016-17</u>	Budget <u>2016-17</u>	Budget <u>2017-18</u>	\$ Change <u>Col. 5-Col. 4</u>	% Change <u>Col. 5-Col. 4</u>
Operating Revenues	17,632,962	13,824,094	13,781,000	13,578,100	13,533,441	(44,659)	-0.33%
Less: Operating Expenditures	18,757,827	13,423,170	13,494,050	13,371,417	13,272,040	(99,377)	-0.74%
Net Operating Income	(1,124,865)	400,924	286,950	206,683	261,401	54,718	26.47%
Plus: Interest Earnings	248,239	240,593	200,000	240,000	240,000	0	0.00%
Gain/(Loss) on Investments	13,072	230,770	0	0	0	0	0.00%
Insurance Recovery	0	2,003,270	0	0	0	0	0.00%
Less: Contributions to Other Funds	463,624	463,624	765,790	765,790	765,790	0	0.00%
Change in Market Value of Inventory/Asset Impairment	3,106,297	89,674	0	0	0	0	0.00%
<b>NET INCOME</b>	<b>(4,433,475)</b>	<b>2,322,259</b>	<b>(278,840)</b>	<b>(319,107)</b>	<b>(264,389)</b>	<b>54,718</b>	<b>-17.15%</b>

# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number 111

### ELECTRIC FUND-OPERATING REVENUES

	Actual 2014-15	Actual 2015-16	Estimate 2016-17	Budget 2016-17	Budget 2017-18	\$ Change Col. 5-Col. 4	% Change Col. 5-Col. 4
Residential Sales	3,703,388	3,878,859	3,950,000	3,858,000	4,107,953	249,953	6.48%
Hot Water Sales	27,480	25,829	24,500	29,500	27,449	(2,051)	-6.95%
Heating Sales	27,524	24,559	26,000	26,000	25,202	(798)	-3.07%
Dusk to Dawn Sales	48,318	51,438	51,000	51,000	51,000	0	0.00%
Commercial Sales	3,279,500	3,422,834	3,500,000	3,412,500	3,494,981	82,481	2.42%
Industrial Sales	4,877,112	5,147,245	5,200,000	5,095,000	4,780,627	(314,373)	-6.17%
Municipal Sales	491,803	514,481	510,000	520,000	518,229	(1,771)	-0.34%
Street Lighting Sales	161,572	166,403	162,000	171,000	165,000	(6,000)	-3.51%
Energy Optimization Surcharge (State Mandated)	167,686	238,884	240,000	270,000	245,000	(25,000)	-9.26%
Renewable Energy Surcharge (State Mandated)	1,506	1,441	0	26,250	0	(26,250)	-100.00%
Interchange Revenues	1,166,823	0	0	0	0	0	0.00%
MISO SSR Payments	3,545,379	0	0	0	0	0	0.00%
Connection Charges	20,915	18,686	20,000	21,000	20,000	(1,000)	-4.76%
Penalties on Utility Collections	44,626	41,347	40,000	41,000	41,000	0	0.00%
Total Revenues from Sales	17,563,632	13,532,006	13,723,500	13,521,250	13,476,441	(44,809)	-0.33%
Pole Rentals	49,664	49,735	50,000	49,350	49,500	150	0.30%
Miscellaneous Revenues	19,666	242,353	7,500	7,500	7,500	0	0.00%
<b>TOTAL OPERATING REVENUES</b>	<b>17,632,962</b>	<b>13,824,094</b>	<b>13,781,000</b>	<b>13,578,100</b>	<b>13,533,441</b>	<b>(44,659)</b>	<b>-0.33%</b>

**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

Fund Number **111**

**REQUEST FOR OPERATING EXPENSES-TOTAL ELECTRIC FUND**

Description of Request	Actual 2014-15	Actual 2014-15	Estimate 2016-17	Budget 2016-17	Request 2017-18	Recommended 2017-18	Final 2017-18	\$ Change Col. 7-Col. 4	% Change Col. 7-Col. 4
REQUEST FOR GENERAL ADMINISTRATIVE	1,382,945	1,362,078	1,460,050	1,509,508	1,587,685	1,587,685	1,562,685	53,177	3.52%
REQUEST FOR PRODUCTION EXPENSE	15,447,521	10,664,620	10,530,000	10,349,999	10,357,290	10,074,017	10,074,017	(275,982)	-2.67%
REQUEST FOR TRANSMISSION AND DISTRIBUTION	442,268	435,299	456,000	504,723	510,052	524,052	524,052	19,329	3.83%
REQUEST FOR CUSTOMER SERVICE EXPENSE	14,873	21,398	33,000	18,684	25,314	25,314	25,314	6,630	35.49%
REQUEST FOR OTHER EXPENSE	1,470,220	939,775	1,015,000	988,503	1,085,972	1,085,972	1,085,972	97,469	9.86%
<b>TOTAL OPERATING EXPENSES</b>	<b>18,757,827</b>	<b>13,423,170</b>	<b>13,494,050</b>	<b>13,371,417</b>	<b>13,566,313</b>	<b>13,297,040</b>	<b>13,272,040</b>	<b>(99,377)</b>	<b>-0.74%</b>

**CITY OF ESCANABA**  
**2017-2018 Electric Fund Budget Request Workpaper**  
**Fund Number 111**  
**REQUEST FOR CAPITAL EXPENDITURES**

	<u>Actual</u> 2014-15	<u>Actual</u> 2015-16	<u>Estimate</u> 2016-17	<u>Budget</u> 2016-17	<u>Request</u> 2017-18	<u>Recommended</u> 2017-18	<u>Final</u> 2017-18	<u>\$ Change</u> Col. 7-Col. 4	<u>% Change</u> Col. 7-Col. 4
536-136 -000 Structures and Improvements	0	0	0	0	0	0	0	0	0.00%
Sub-Station Batteries				0	20,000	20,000	20,000	20,000	NEW
Westside Sub-Station Permanent Improvements				150,000	150,000	150,000	150,000	0	0.00%
New Sub-Station				2,500,000	0	0	0	(2,500,000)	-100.00%
North Shore Sub-Station Improvements				0	1,500,000	1,500,000	1,500,000	1,500,000	NEW
537-140 -605 Station Equipment	121,017	133,143	2,000,000	2,650,000	1,670,000	1,670,000	1,670,000	(980,000)	-36.98%
Normal New Business-Salaries and Wages				22,891	22,760	22,760	22,760	(131)	-0.57%
Normal New Business-Materials				30,000	30,000	30,000	30,000	0	0.00%
Pole Replacement-Salaries and Wages				41,022	39,948	39,948	39,948	(1,074)	-2.62%
Pole Replacement-Materials				40,000	40,000	40,000	40,000	0	0.00%
Pole Replacement Contractor				200,000	200,000	200,000	200,000	0	0.00%
538-159 -004 Poles, Towers, Fixtures	331,221	380,089	150,000	333,913	332,708	332,708	332,708	(1,205)	-0.36%
Normal New Business-Salaries and Wages				12,207	12,025	12,025	12,025	(182)	-1.49%
Normal New Business-Materials				5,000	5,000	5,000	5,000	0	0.00%
Reconductor Existing Circuits-Salaries and Wages				6,015	5,985	5,985	5,985	(30)	-0.50%
Reconductor Existing Circuits-Materials				5,000	5,000	5,000	5,000	0	0.00%
538-159 -005 Overhead Conductors	7,997	406,528	10,000	28,222	28,010	28,010	28,010	(212)	-0.75%
Normal New Business-Salaries and Wages				17,432	16,994	16,994	16,994	(438)	-2.51%
Normal New Business-Materials				10,000	10,000	10,000	10,000	0	0.00%
U.G. Line Conversions-Salaries and Wages				7,091	7,164	7,164	7,164	73	1.03%
U.G. Line Conversions-Materials				2,000	2,000	2,000	2,000	0	0.00%
538-159 -006 Underground Conduits	11,123	48,879	10,000	36,523	36,158	36,158	36,158	(365)	-1.00%
Normal New Business-Materials				10,000	10,000	10,000	10,000	0	0.00%
Replace Cable-Ford River-Salaries/Wages - Carry Over				40,000	40,000	40,000	40,000	0	0.00%
Replace Cable-Ford River-Materials - Carry Over				40,000	40,000	40,000	40,000	0	0.00%
538-159 -007 Underground Conductors	26,160	40,440	80,000	90,000	90,000	90,000	90,000	0	0.00%

**CITY OF ESCANABA**  
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**Fund Number 111**  
**REQUEST FOR CAPITAL EXPENDITURES**

	Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
Description of Request	2014-15	2015-16	2016-17	2016-17	2017-18	2017-18	2017-18	Col. 7-Col. 4	Col. 7-Col. 4
SCADA-Materials				0	200,000	200,000	200,000	200,000	NEW
Add Capacitors to System				0	20,000	20,000	20,000	20,000	NEW
Add Gang Switches for Sectionalizing				0	15,000	15,000	15,000	15,000	NEW
538-140 -605 Station Equipment				0	235,000	235,000	235,000	235,000	NEW
Normal New Business-Materials				75,000	75,000	75,000	75,000	0	0.00%
538-159 -008 Line Transformers	60,527	54,375	50,000	75,000	75,000	75,000	75,000	0	0.00%
Normal New Business-Salaries and Wages				9,537	9,635	9,635	9,635	98	1.03%
Normal New Business-Materials				5,000	5,000	5,000	5,000	0	0.00%
538-159 -009 New Services	4,144	4,864	5,000	14,537	14,635	14,635	14,635	98	0.67%
Normal New Business-Salaries and Wages				6,596	6,633	6,633	6,633	37	0.56%
Normal New Business-Materials				10,000	10,000	10,000	10,000	0	0.00%
Remotely Read Meters				1,000,000	1,000,000	1,000,000	1,000,000	0	0.00%
538-159 -010 Meters	13,923	28,838	30,000	1,016,596	1,016,633	1,016,633	1,016,633	37	0.00%
Normal New Business-Salaries and Wages				3,377	3,455	3,455	3,455	78	2.31%
Normal New Business-Materials				2,000	22,000	22,000	22,000	20,000	1000.00%
538-159 -012 Leased Property	0	6,534	10,000	5,377	25,455	25,455	25,455	20,078	373.41%
Normal New Business-Salaries and Wages				10,054	10,004	10,004	10,004	(50)	-0.50%
Normal New Business-Materials				100,000	80,000	80,000	80,000	(20,000)	-20.00%
Wireless Street Light Controls				12,000	12,000	12,000	12,000	0	0.00%
538-159 -013 Street Lighting	10,196	34,713	50,000	122,054	102,004	102,004	102,004	(20,050)	-16.43%
Building				22,500	10,000	10,000	10,000	(12,500)	-55.56%
Energy Saving Modifications				5,000	5,000	5,000	5,000	0	0.00%
539-136 -100 Electric Building	4,584	0	25,000	27,500	15,000	15,000	15,000	(12,500)	-45.45%

**CITY OF ESCANABA**  
**2017-2018 Electric Fund Budget Request Workpaper**  
**Fund Number 111**  
**REQUEST FOR CAPITAL EXPENDITURES**

	Actual 2014-15	Actual 2015-16	Estimate 2016-17	Budget 2016-17	Request 2017-18	Recommended 2017-18	Final 2017-18	\$ Change Col. 7-Col. 4	% Change Col. 7-Col. 4
Description of Request									
SCADA-Materials				60,000	0	0	0	(60,000)	-100.00%
Sub-Station Batteries				1,000	0	0	0	(1,000)	-100.00%
Power Plant Substation Improvements				200,000	0	0	0	(200,000)	-100.00%
Add Capacitors to System				20,000	0	0	0	(20,000)	-100.00%
Add Gang Switches for Sectionalizing				15,000	0	0	0	(15,000)	-100.00%
539-140 -605 Station Equipment	0	0	10,000	296,000	0	0	0	(296,000)	-100.00%
Digger/Derrick Truck - Carry Over				250,000	250,000	250,000	250,000	0	0.00%
Double Bucket Truck				0	250,000	250,000	250,000	250,000	NEW
539-140 -606 Transportation Equipment	105,029	30,967	0	250,000	500,000	500,000	500,000	250,000	100.00%
Metering Equipment				5,000	5,000	5,000	5,000	0	0.00%
539-140 -608 Laboratory Equipment	0	9,968	2,000	5,000	5,000	5,000	5,000	0	0.00%
Miscellaneous Equipment				5,000	5,000	5,000	5,000	0	0.00%
Line Construction Tools				10,000	10,000	10,000	10,000	0	0.00%
Portable Compressor				0	10,000	10,000	10,000	10,000	NEW
Mini Excavator				60,000	0	0	0	(60,000)	-100.00%
Mobile Generator				0	100,000	100,000	100,000	100,000	NEW
Hole Hog				10,000	0	0	0	(10,000)	-100.00%
539-140 -609 Miscellaneous Equipment-Tools	26,709	11,622	70,000	85,000	125,000	125,000	125,000	40,000	47.06%
Computer				2,000	2,000	2,000	2,000	0	0.00%
539-146 -100 Office Furniture and Equipment	0	0	2,000	2,000	2,000	2,000	2,000	0	0.00%
<b>TOTAL CAPITAL OUTLAY</b>	<b>722,630</b>	<b>1,190,960</b>	<b>2,504,000</b>	<b>5,037,722</b>	<b>4,272,603</b>	<b>4,272,603</b>	<b>4,272,603</b>	<b>(765,119)</b>	<b>-15.19%</b>



**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

**Fund Number 111**

**Activity Number**

**600**

**REQUEST FOR OPERATING EXPENSES-GENERAL ADMINISTRATIVE**

Description of Request	Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
	2014-15	2015-16	2016-17	2016-17	2017-18	2017-18	2017-18	Col. 7-Col. 4	Col. 7-Col. 4
727 -000 Office Supplies	1,465	1,771	1,800	2,000	2,000	2,000	2,000	0	0.00%
740 -000 Building Supplies	1,844	1,870	2,000	3,000	3,000	3,000	3,000	0	0.00%
744 -000 Clothing Supplies	2,976	3,425	5,000	5,000	5,000	5,000	5,000	0	0.00%
Assessment of Power Supply Options				20,000	40,000	40,000	40,000	20,000	100.00%
Legal Fees-Power Purchases				<u>20,000</u>	<u>40,000</u>	<u>40,000</u>	<u>40,000</u>	<u>20,000</u>	<u>100.00%</u>
801 -000 Professional Services	147,498	60,156	100,000	40,000	80,000	80,000	80,000	40,000	100.00%
801 -200 Special Services	230	330	500	500	500	500	500	0	0.00%
803 -000 Miss Dig	34,490	33,434	40,000	40,000	40,000	40,000	40,000	0	0.00%
Building				3,000	3,000	3,000	3,000	0	0.00%
Cell Phone for Service Truck				<u>0</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>NEW</u>
850 -000 Telephones	2,920	3,185	3,500	3,000	3,500	3,500	3,500	500	16.67%
860 -000 Travel Expenses, Auto Allow	627	2,523	4,000	1,000	3,000	3,000	3,000	2,000	200.00%
Chamber of Commerce Dues				2,800	2,800	2,800	2,800	0	0.00%
Holiday Decorations				5,000	5,000	5,000	5,000	0	0.00%
D.C. Economic Development Alliance				20,000	20,000	20,000	20,000	0	0.00%
School Promotion Supplies				<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>0</u>	<u>0.00%</u>
881 -000 Sales Promotion	39,450	25,538	28,000	28,000	28,000	28,000	28,000	0	0.00%
881 -001 Energy Conservation/Optimization Plan	167,686	217,604	220,000	270,000	270,000	270,000	245,000	(25,000)	-9.26%
900 -000 Printing & Publishing	2,012	395	1,000	2,000	2,000	2,000	2,000	0	0.00%



# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number 111 Activity Number 600  
 REQUEST FOR OPERATING EXPENSES-GENERAL ADMINISTRATIVE

Description of Request	Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
	2014-15	2015-16	2016-17	2016-17	2017-18	2017-18	2017-18	Col. 7-Col. 4	Col. 7-Col. 4
910 -000 Insurance and Bonds	9,522	10,414	15,000	15,000	15,000	15,000	15,000	0	0.00%
920 -100 Utilities-Electric	14,845	15,876	16,000	16,000	16,000	16,000	16,000	0	0.00%
920 -200 Utilities-Gas	5,564	4,094	5,000	7,000	6,000	6,000	6,000	(1,000)	-14.29%
931 -000 Repairs/Maint of Structures	30,750	41,021	30,000	31,494	31,320	31,320	31,320	(174)	-0.55%
Salaries and Wages				17,494	17,320	17,320	17,320	(174)	-0.99%
Equipment Rental				4,000	4,000	4,000	4,000	0	0.00%
Repair and Paint Inside Bldg.				10,000	10,000	10,000	10,000	0	0.00%
932 -000 Repairs/Maint of Equipment	6,693	7,000	10,000	12,293	12,388	12,388	12,388	95	0.77%
943 -000 Rental of Equipment	5,192	5,325	5,000	8,000	6,000	6,000	6,000	(2,000)	-25.00%
950 -000 Uncollectible Accounts	(330)	0	0	0	0	0	0	0	0.00%
APPA Service Fee				10,000	10,000	10,000	10,000	0	0.00%
Mich. Municipal Electric Association				14,000	14,000	14,000	14,000	0	0.00%
NERC Fees				8,000	8,000	8,000	8,000	0	0.00%
958 -000 Membership and Dues	28,103	29,822	32,000	32,000	32,000	32,000	32,000	0	0.00%
Salaries and Wages				15,821	17,756	17,756	17,756	1,935	12.23%
Safety Training and Upgrade Training				18,000	20,000	20,000	20,000	2,000	11.11%
960 -000 Education and Training	33,086	47,406	40,000	33,821	37,756	37,756	37,756	3,935	11.63%
962 -000 Damage to Private Property	0	0	0	0	0	0	0	0	0.00%

**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

**Fund Number 111**

**Activity Number**

**600**

**REQUEST FOR OPERATING EXPENSES-GENERAL ADMINISTRATIVE**

	<u>Actual</u>	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>	<u>Request</u>	<u>Recommended</u>	<u>Final</u>	<u>\$ Change</u>	<u>% Change</u>
<u>Description of Request</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2017-18</u>	<u>2017-18</u>	<u>Col. 7-Col. 4</u>	<u>Col. 7-Col. 4</u>
976 -000 Capital Outlay-Building & Land	30,550	1,320	20,000	40,000	20,000	20,000	20,000	(20,000)	-50.00%
977 -000 Capital Outlay-Equipment	1,449	394	1,500	1,000	1,000	1,000	1,000	0	0.00%
979 -000 Books, Magazines, Periodicals	122	156	500	500	500	500	500	0	0.00%
	<u>1,382,945</u>	<u>1,362,078</u>	<u>1,460,050</u>	<u>1,509,508</u>	<u>1,587,685</u>	<u>1,587,685</u>	<u>1,562,685</u>	<u>53,177</u>	<u>3.52%</u>

# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number 111

Activity Number

610

### REQUEST FOR OPERATING EXPENSES-PRODUCTION

Description of Request	Actual 2014-15	Actual 2015-16	Estimate 2016-17	Budget 2016-17	Request 2017-18	Recommended 2017-18	Final 2017-18	\$ Change Col. 7-Col. 4	% Change Col. 7-Col. 4
Plant Operations	2,466,540	209,490	0	0	0	0	0	0	0.00%
Plant Maintenance	459,427	3,126	0	0	0	0	0	0	0.00%
Fuel Costs	1,030,856	0	0	0	0	0	0	0	0.00%
Economy / MISO Power Purchases	(102,435)	(62)	0	0	0	0	0	0	0.00%
NextEra Contract Power Purchases	8,279,866	8,304,339	8,404,000	8,173,099	8,076,705	7,905,046	7,905,046	(268,053)	-3.28%
Capacity Purchases	51,241	167,507	275,000	256,200	384,000	384,000	384,000	127,800	49.88%
Monthly MISO Customer Charge	352,887	430,989	420,000	420,000	420,000	420,000	420,000	0	0.00%
Renewable Energy Credits	12,756	12,696	1,000	30,000	1,000	1,000	1,000	(29,000)	-96.67%
Monthly Transmission Charge	1,221,854	1,318,651	1,400,000	1,310,700	1,345,585	1,233,971	1,233,971	(76,729)	-5.85%
SSR Expenses (All Units)	900,115	12,878	0	100,000	100,000	100,000	100,000	0	0.00%
UPPCo Payments - Prior Years	0	0	0	0	0	0	0	0	0.00%
815 -000 Power Costs	14,673,107	10,459,614	10,500,000	10,289,999	10,327,290	10,044,017	10,044,017	(245,982)	-2.39%
815 -000 Combustion Turbine Expenses	127,913	0	0	0	0	0	0	0	0.00%
815 -100 Management Fees	345,227	0	0	0	0	0	0	0	0.00%
815 -200 Dispatching Fees	58,567	55,669	30,000	60,000	30,000	30,000	30,000	(30,000)	-50.00%
815 -300 Production Expense	240,952	147,996	0	0	0	0	0	0	0.00%
931 -000 City Crews-Power Plant Repairs/Maint. of Power Plant	1,755	613	0	0	0	0	0	0	0.00%
943 -000 City Crews-Power Plant Rental of Equipment	0	728	0	0	0	0	0	0	0.00%
<b>TOTAL PRODUCTION EXPENSE</b>	<b>15,447,521</b>	<b>10,664,620</b>	<b>10,530,000</b>	<b>10,349,999</b>	<b>10,357,290</b>	<b>10,074,017</b>	<b>10,074,017</b>	<b>(275,982)</b>	<b>-2.67%</b>

# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number

111

Activity Number

620

### REQUEST FOR OPERATING EXPENSES-TRANSMISSION AND DISTRIBUTION

		Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
	Description of Request	2014-15	2015-16	2016-17	2016-17	2017-18	2017-18	2017-18	Col. 7-Col. 4	Col. 7-Col. 4
726 -000	Supplies-Miscellaneous	373	308	500	1,000	500	500	500	(500)	-50.00%
	Salaries and Wages				83,891	85,379	85,379	85,379	1,488	1.77%
	Equipment Rental				5,000	5,000	5,000	5,000	0	0.00%
	Supplies				10,000	20,000	20,000	20,000	10,000	100.00%
	Tree Trimming Contractor				25,000	25,000	25,000	25,000	0	0.00%
761 -000	Operation of Lines	124,226	126,854	140,000	123,891	135,379	135,379	135,379	11,488	9.27%
	Salaries and Wages				12,398	7,971	7,971	7,971	(4,427)	-35.71%
	Supplies				1,000	1,000	1,000	1,000	0	0.00%
762 -000	Service on Customer Premises	14,311	5,468	7,000	13,398	8,971	8,971	8,971	(4,427)	-33.04%
	Salaries and Wages				15,980	17,112	17,112	17,112	1,132	7.08%
	Equipment Rental				2,500	2,500	2,500	2,500	0	0.00%
	Supplies				1,000	1,500	1,500	1,500	500	50.00%
766 -000	Distribution Station Equipment	38,529	14,184	20,000	19,480	21,112	21,112	21,112	1,632	8.38%
	Salaries and Wages				90,878	91,903	91,903	91,903	1,025	1.13%
	Equipment Rental				10,000	5,000	5,000	5,000	(5,000)	-50.00%
	Cutouts, Arrestors, Connectors, etc.				20,000	25,000	25,000	25,000	5,000	25.00%
	Pole Testing Contractor				12,000	14,000	28,000	28,000	16,000	133.33%
768 -000	Overhead Conductors	77,652	113,783	100,000	132,878	135,903	149,903	149,903	17,025	12.81%
	Salaries and Wages				25,887	24,871	24,871	24,871	(1,016)	-3.92%
	Equipment Rental				2,500	2,000	2,000	2,000	(500)	-20.00%
	Supplies				1,000	1,000	1,000	1,000	0	0.00%
769 -000	Underground Conductors	53,035	14,384	25,000	29,387	27,871	27,871	27,871	(1,516)	-5.16%

# CITY OF ESCANABA

## 2017-2018 Electric Fund Budget Request Workpaper

Fund Number 111 Activity Number 620

### REQUEST FOR OPERATING EXPENSES-TRANSMISSION AND DISTRIBUTION

Description of Request	Actual 2014-15	Actual 2015-16	Estimate 2016-17	Budget 2016-17	Request 2017-18	Recommended 2017-18	Final 2017-18	\$ Change Col. 7-Col. 4	% Change Col. 7-Col. 4
Salaries and Wages				13,200	10,782	10,782	10,782	(2,418)	-18.32%
Equipment Rental				1,000	1,000	1,000	1,000	0	0.00%
Supplies				1,000	1,000	1,000	1,000	0	0.00%
770 -000 Transformers-Devices	(473)	7,057	12,000	15,200	12,782	12,782	12,782	(2,418)	-15.91%
Salaries and Wages				37,895	37,386	37,386	37,386	(509)	-1.34%
Equipment Rental				4,000	4,000	4,000	4,000	0	0.00%
Supplies				2,000	8,000	8,000	8,000	6,000	300.00%
771 -000 Services	36,265	47,053	50,000	43,895	49,386	49,386	49,386	5,491	12.51%
Salaries and Wages				36,936	28,244	28,244	28,244	(8,692)	-23.53%
Equipment Rental				4,000	4,000	4,000	4,000	0	0.00%
Supplies				6,000	6,000	6,000	6,000	0	0.00%
Test Equipment				2,000	3,000	3,000	3,000	1,000	50.00%
772 -000 Meters	36,367	43,653	40,000	48,936	41,244	41,244	41,244	(7,692)	-15.72%
Salaries and Wages				5,648	5,638	5,638	5,638	(10)	-0.18%
Equipment Rental-Assistant Superintendent Pick-Up				500	500	500	500	0	0.00%
Supplies				1,000	1,000	1,000	1,000	0	0.00%
774 -000 Property Leased to Others	7,341	4,018	5,000	7,148	7,138	7,138	7,138	(10)	-0.14%
Salaries and Wages				45,010	43,766	43,766	43,766	(1,244)	-2.76%
Equipment Rental				4,000	4,000	4,000	4,000	0	0.00%
Supplies				10,000	10,000	10,000	10,000	0	0.00%
775 -000 Street Lighting	52,753	56,822	55,000	59,010	57,766	57,766	57,766	(1,244)	-2.11%
775 -001 Pole Painting	372	88	100	9,000	10,000	10,000	10,000	1,000	11.11%
931 -000 Repairs/Maintenance of Structures	16	387	400	500	500	500	500	0	0.00%

**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

**Fund Number 111**

**Activity Number**

**620**

**REQUEST FOR OPERATING EXPENSES-TRANSMISSION AND DISTRIBUTION**

	Description of Request	Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
		2014-15	2015-16	2016-17	2016-17	2017-18	2017-18	2017-18	Col. 7-Col. 4	Col. 7-Col. 4
932 -000	Repairs/Maintenance to Equipment	1,501	1,213	500	1,000	1,000	1,000	1,000	0	0.00%
943 -000	Rental of Equipment	0	27	500	0	500	500	500	500	NEW
<b>TOTAL TRANSMISSION AND DISTRIBUTION</b>		<b>442,268</b>	<b>435,299</b>	<b>456,000</b>	<b>504,723</b>	<b>510,052</b>	<b>524,052</b>	<b>524,052</b>	<b>19,329</b>	<b>3.83%</b>

**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

Fund Number **111**

Activity Number

**630**

**REQUEST FOR OPERATING EXPENSES-CUSTOMER SERVICE**

	<u>Actual</u>	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>	<u>Request</u>	<u>Recommended</u>	<u>Final</u>	<u>\$ Change</u>	<u>% Change</u>
<u>Description of Request</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2017-18</u>	<u>2017-18</u>	<u>Col. 7-Col. 4</u>	<u>Col. 7-Col. 4</u>
702 -501 Labor-Metering & Servicing	4,288	5,844	10,000	5,811	9,136	9,136	9,136	3,325	57.22%
702 -503 Labor-Service to Customers	9,605	14,463	20,000	11,873	15,178	15,178	15,178	3,305	27.84%
943 -000 Rental of Equipment	980	1,091	3,000	1,000	1,000	1,000	1,000	0	0.00%
<b>TOTAL CUSTOMER SERVICE EXPENSE</b>	<b>14,873</b>	<b>21,398</b>	<b>33,000</b>	<b>18,684</b>	<b>25,314</b>	<b>25,314</b>	<b>25,314</b>	<b>6,630</b>	<b>35.49%</b>

**CITY OF ESCANABA**

**2017-2018 Electric Fund Budget Request Workpaper**

Fund Number 111

Activity Number

640/999

**REQUEST FOR OPERATING EXPENSES-OTHER**

	<u>Actual</u>	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>	<u>Request</u>	<u>Recommended</u>	<u>Final</u>	<u>\$ Change</u>	<u>% Change</u>
<u>Description of Request</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2017-18</u>	<u>2017-18</u>	<u>Col. 7-Col. 4</u>	<u>Col. 7-Col. 4</u>
968 -100 Depreciation Expense-Dist. System	340,218	380,212	430,000	404,000	470,000	470,000	470,000	66,000	16.34%
968 -200 Depreciation Expense-Power Plant	566,514	0	0	0	0	0	0	0	0.00%
999 -100 Overhead to Utilities	563,488	559,563	585,000	584,503	615,972	615,972	615,972	31,469	5.38%
<b>TOTAL OTHER EXPENSES</b>	<b>1,470,220</b>	<b>939,775</b>	<b>1,015,000</b>	<b>988,503</b>	<b>1,085,972</b>	<b>1,085,972</b>	<b>1,085,972</b>	<b>97,469</b>	<b>9.86%</b>