



## **AGENDA**

### **REGULAR MEETING**

August 13, 2019

7:00 P.M.

- A. PREVIOUS BOARD MINUTES**
  - 1. Regular Meeting of July 9, 2019
  - 2. Personnel Committee Meeting of July 22, 2019
  
- B. REVIEW OF UTILITY BILLS/FINANCIALS:**
  - 1. July 2019 bills in the amount of \$155,879.94
  - 3. MSCPA bill for June 2019 in the amount of \$702,051.38
  
- C. JUNE 2019 FINANCIAL REPORTS**
  
- D. DIRECTOR'S REPORT**
  
- E. ACTION ITEMS**
  - 1. Mapping Printer/Copier Lease
  - 2. Replace VFD Controls on High Service Pump #3
  - 3. Waste Water Treatment Plant Improvement Project Pay Application #34
  - 4. Electric Meters & AMI System Loan Payoff
  - 5. Approval of Safety and Compliance Coordinator Position
  - 6. Approval for filling Groundman positions
  
- F. DEPARTMENT AND PROJECT REPORTS**
  - 1. Water & Wastewater
  - 2. Electric Distribution
  - 3. Power Plant
  
- G. MISCELLANEOUS**
  - 1. MSCPA General Information
  - 2. City Council Minutes
    - a. July 1, 2019
  - 3. MSCPA Minutes
    - a. June 24, 2019 Regular Meeting
  - 4. Economic Development Partnership Minutes
    - a. June 13, 2019
  - 5. Community Action Agency Report for July
  
- H. BOARD MEMBER ROUNDTABLE**
  
- I. OPPORTUNITY FOR GENERAL PUBLIC TO ADDRESS THE BOARD**
  
- J. ADJOURNMENT**

Hillsdale Board of Public Utilities  
Regular Meeting

July 9, 2019

The regular Hillsdale Board of Public Utilities meeting was called to order at the BPU Offices, 45 Monroe Street, Hillsdale, Michigan at 7:00 p.m. by Mr. Barry Hill, President of the Board.

Board Members Present:           Mr. Barry Hill  
  Ms. Lois Howard  
  Mr. Bob Batt  
  Mr. Eric Hoffman  
  Mr. Chris Sumnar

Board Members Absent:           None

Others present: Chris McArthur, BPU Director; Chad Culbert, Electric Distribution Superintendent; Bill Briggs, Water Distribution Superintendent/WWTP Supervisor; Bonnie Tew, Finance Director; Jenna Eidenier, Summer Intern, and Katy Price,

**BPU MINUTES**

Mr. Sumnar, supported by Ms. Howard, moved to approve the June 11, 2019 minutes as presented. Motion carried unanimously by voice vote.

**BILLS PAYABLE**

Mr. Hoffman, supported by Mr. Batt, moved to approve the June 2019 bills in the amount of \$780,748.14. Motion carried unanimously by voice vote.

**JUNE WASTEWATER IMPROVEMENT PROJECT**

Ms. Howard, supported by Mr. Batt, moved to approve the June 2019 Wastewater Improvement Project bill in the amount of \$7,904.13. Motion carried unanimously by voice vote.

**MSCPA BILL**

Ms. Howard, supported by Mr. Hoffman, moved to approve the May2019 MSCPA bill in the amount of \$631,525.02. Motion carried unanimously by voice vote.

**MAY 2019 FINANCIAL STATEMENTS**

Mr. Sumnar, supported by Ms. Howard, moved to approve the May 2019 financial statements as submitted. Motion carried unanimously by voice vote.

## **DIRECTOR'S REPORT**

1. Director McArthur reported on Monday July 1<sup>st</sup> the remaining issues at the treatment plant were resolved. All of the work listed in the Letter of Understanding has been completed. Change Order #14 is a change order to true-up cost exceedances noted in the Change Order documentation. I see this project coming to a close in the near future.
2. Director McArthur provided an update on the Garden, Mead, Vine and Rippon Street Project. Base Paving has been completed on Garden, Mead, and Vine Streets. Spring Street and Bacon Street base paving is also complete. The concrete over the culvert and various curbs and sidewalks have also been completed. All of the edge drain between Westwood and Bacon has been completed. Work on the additional Sanitary is to proceed after July 11<sup>th</sup> when the sanitary vaults arrive onsite. Substantial completion is set for August 15<sup>th</sup>. Substantial completion is all of the concrete and pavement in place. Work on sanitary to the house and terrace work will still remain.
3. Director McArthur reported on the Rate Study. The request for Proposal due date was June 26<sup>th</sup>. One proposal was received from Utilities Financial Solutions in the amount of \$55,650 for the rate study, Power Cost Adjustment Model, and update of the Cash Reserve Policies for the Water, Sewer, and Electric departments. Staff will review and bring a recommendation for the August Board Meeting.
4. Director McArthur provided an update on the Lead Service Project. Last year we approached Prein & Nehoff for assistance coming up with a lead service replacement plan. After many months of no communication and many non-returned calls, I have sent an email letting them know that we plan to move in a different direction and that their assistance is no longer needed. We have approached Fleis & Vandenbrink water division to give us a proposal that encompasses city street replacement, lead service replacement, and sewer replacement. This plan would be used to put a cost to this project and would fulfill EGLE's requirements for future lead service replacement.
5. Director McArthur gave an update on MSCPA. On June 24<sup>th</sup> a meeting was held at the MSCPA building in Coldwater. At this meeting it was on the agenda to renew the General Manager's contract. Hillsdale made a request to terminate the General Manager immediately only subjecting us to an approximately \$250,000 severance payout. That motion failed by a 2 to 3 vote, with Union City and Hillsdale being the only no votes. After lengthy discussion in closed session, it was determined not to give the General Manager a raise and also decided to give him his required 360 day notice of not renewing his contract. Hillsdale made its intentions clear that we would be looking to move to another agency which Union City supported and stated the same. A proposal from

Courtney & Associates for an Administrative Evaluation Proposal was approved. This proposal will look at American Municipal Power, Michigan Public Power Association, and Michigan South Central Power Association to evaluate the options. They will review the purchased power agreements, Transmission Agreements, and all other agreements, and use this information in the evaluation. This is estimated to take 3 to 4 months.

6. Director McArthur provided an update on the Michigan Gas Utilities Pole Attachment Agreement. Michigan Gas Utilities has approached staff wanting to install wireless attachments to our poles. These attachments will be used to read their meters using AMI technology. They have reviewed our approved pole attachment agreement and have asked to make one change to the insurance section of the agreement that reads:

A. Additional Insurance. Electric Utility shall have the right at any time to require public liability insurance and property damage liability insurance in greater amounts than those required in this ARTICLE XX.VI. In any such event, the additional premium or premiums payable solely as the result of such additional insurance coverage shall be payable by Electric Utility within thirty (30) days of the Licensee providing proof of such additional premium to Electric Utility and requesting payment therefor. Electric Utility will perform any evaluation of Licensee's financial ability to self-insure in good faith, including providing clear instruction on how to appeal any determinations that are adverse to Licensee or otherwise providing Licensee a reasonable appeals process.

This change has been approved by the City Attorney.

7. Director McArthur stated, upon review of our current staffing and future needs, proposed to have a Personnel Committee meeting to discuss these needs.
8. Director McArthur posted these significant dates:  
July 24-26 Michigan Energy Providers Conference

## **ACTION ITEMS**

### **1. Waste Water Treatment Plant HVAC System Replacement**

Director McArthur reported on the Waste Water Treatment Plant HVAC System Replacement. The HVAC unit for the main building was pieced together and became inoperable a year and a half ago. During this time a furnace was installed in the basement to get by until a permanent fix was engineered. Three window air conditioning units were also installed in the lab area. There was \$250,000 budgeted for in the 2020 capital budget for this project. The additional amount for this project was included in the interdepartmental loan. This project was put out for bid with two bidders responding with the following bids:

Core Mechanical	\$374,750
Foulke Construction	\$362,200

A meeting was held on June 18<sup>th</sup> to discuss other options, the outcome of that meeting was that the option presented was the best option. This project requires tear out of the old system and installing

a new system thought the entire main building and replacing exhaust fans that are inoperable, new lights replacing original ones and a new ceiling grid. This also includes a chlorine alarm system bringing the ventilation system back up to standards. This system will provide adequate ventilation, providing a safe environment for the employees and equipment in the building. The attached information gives a detailed breakdown of the current condition of the equipment and what is needed to bring the system back up to standards.

Mr. Hill, seconded by Mr. Batt moved to approve awarding the bid to replace the Waste Water Treatment Plant HVAC System to Foulke Construction for the amount of \$362,200. Motion carried unanimously by voice vote.

#### 2. Republic Waste Services Customer Services Agreement

Director McArthur reported on the Republic Waste Services Customer Services Agreement. After switching providers of our waste disposal 10 yd. dumpster at the WWTP it was discovered that the new dumpster provided by Modern Waste is too tall to dump the Vactor when needed. Modern Waste does not have a dumpster to fit our needs and is aware that we are going to switch that dumpster to Republic Waste that has a dumpster to suit our needs. The proposal has a 7% increase per year thru 2021.

Mr. Hoffman, supported by Ms. Howard to accept the proposal from Republic Waste Services for a 10 yard dumpster for the amount of \$250 per haul and \$35 per ton disposal rate. Motion carried unanimously by voice vote.

#### 3. Dixon Engineering Service Agreement for Water Treatment Filter Media Replacement

Director McArthur reported on the Dixon Engineering Service Agreement for Water Treatment Filter Media Replacement. Dixon Engineering was asked to provide engineering services for the media replacement at the WTP. This project is technical in nature and requires knowledge of the filter system and needed repairs. Dixon will provide the expertise and documentation for the media replacement and any repairs necessary.

Mr. Sumnar, supported by Mr. Batt approved to execute the Professional Services Agreement with Dixon Engineering for the estimated amount of \$5,200, allowing the Director to approve additional charges where required. Motion carried unanimously by voice vote.

#### 4. ESRI Annual Software Renewal

Director McArthur reported on the ESRI Annual Software Renewal. ESRI is the mapping software that is used in the Electric, Water, and Sewer. This is used to map out underground water lines and mains, sewer lines, and mains, electric lines, transformers, poles, etc. This software is the backbone to all of the mapping that is done at the BPU and is also integrated into

our Outage Management System. This is an annual cost and has been budgeted for in the 2020 budget.

Ms. Howard, supported by Mr. Hoffman supported renewing the ESRI software for the amount of \$10,000. Motion carried unanimously by voice vote.

5. Waste Water Treatment Plant Project Change Order #14

Director McArthur reported Per the Letter of Understanding, Change Order #14 is a deduct change order that will balance the contract with LD Dosca. This includes a deduct for Digester Concrete Repair, change order #12, Change Order #13 and contract adjustment for Liquidated Damages. This change takes their contract price from \$7,553,609.55 down to \$7,490,328.05.

Mr. Hoffman, supported by Mr. Sumnar approved the Change Order #14 for the credit amount of \$63,281.50. Motion carried unanimously by voice vote.

6. Resolution #209 to Amend the Hillsdale Board of Public Utilities Customer Service, Electric, Water, and Sewer Department Rules and Regulations

Director McArthur reported after discussion with the staff a number of changes to the rules & regulations were needed. A number of meetings were held with staff and a final meeting being held with the Finance & Administration Committee July 2<sup>nd</sup>. A few changes were proposed and made by the committee. All Changes are shown in a “red line” version of the document. The final document is included as Exhibit A in the resolution along with the Schedule A fees and Charges as Exhibit B.

Mr. Sumnar, supported by Mr. Hoffman approved the Rules & Regulations as amended. Motion carried unanimously by voice vote.

## **DEPARTMENT PROJECT PROGRESS REPORTS**

Superintendent Bill Briggs, reported on the Water Distribution/Wastewater Collections/WWTP. The crews jetted sewer on Dickerson Street and found roots in the lateral. Removed lead gooseneck on Union Street. Replaced a water valve on Galloway near Hillsdale Road. Repaired old main break on Carleton Road at Mechanic Street.

Superintendent Chad Culbert presented the Electric Distribution report. The Hi-Rise substation is now complete and in service. The large wooden structure has been replaced with a self-supporting 4 pole structure. The substation now houses a 2500KVA transformer, a pad mounted switch gear along with the regulators that were originally in service at this location. Crews have begun installing the new capacitors online and we plan to have five new locations working by the end of July.

Director McArthur presented the power plant monthly report. Ran engines 5 and 6 for a total of 2.8 hours this month. Both engines performed well. Bisbee came in and did infrared heat testing on electrical equipment in the power plant. There were a couple of issues found and were fixed by the end of the day. Had a meeting with Claire Dijak, from EGLE, about decommissioning piping intake from the lake to the power plant. We are waiting to receive water testing requirements to move forward. Rick Wall from Utilities Instrumentation Services was here to complete routine maintenance on 13,200 breakers.

**BOARD MEMBER ROUNDTABLE**

None

**PUBLIC COMMENT**

No comments

**AJOURNMENT**

Mr. Sumnar, seconded by Ms. Howard, moved to adjourn the meeting. The motion carried unanimously by voice vote.

The meeting adjourned at 8:15 p.m.

---

Katy Price – City Clerk

Hillsdale Board of Public Utilities  
Personnel Committee Meeting

July 22, 2019

The Hillsdale Board of Public Utilities – Personnel Committee Meeting was called to order at 6:08 p.m. by Mr. Batt, Committee Chair.

Committee Members Present: Mr. Barry Hill, President; Mr. Bob Batt, Vice President and Mr. Chris Sumnar.

Committee Members Absent: None

Others present: Chris McArthur, BPU Director; Chad Culbert, Electric Distribution Superintendent; David Mackie, City Manager; Kelley Newell, Secretary to the Board.

Director McArthur discussed the “Groundman” position is a position already in the bargaining unit contract. This position has been used in recent years for transition purposes and in times of manpower need. As part of our future planning, staff sees the need to fill two positions. We have potential retirements coming in 7, 8, and 9 years which would claim three of our linemen and a supervisor. With the time to train an apprentice at 4 to 5 years it is necessary to get started with that training program. The plan would be to use the groundman position to feed the apprenticeship program by allowing staff to view the work ethic and knowledge of the individuals in the groundman position before promoting them to the apprenticeship position. With one in the apprenticeship program now we would look to add another apprentice next year with one a year for the next three years to fill the expected vacancies.

The Groundman position wages would be per the contract. This position would be funded by the operations and maintenance budget and also the capital improvement budget. Those projects budgeted at \$500,000 per year for next 10 years, the need for more employees is warranted. Some of those include: Pole replacement, Voltage Upgrade, Critical Structure Replacement, Distribution Expansion and Upgrade and Substation Equipment Upgrades. Contractor options have been evaluated in the past with the costs being extremely high. Hiring from within would not only save money it would also give the employees valuable knowledge of the system and its operation.

Moved by: Mr. Sumnar, supported by Mr. Hill, to fill the position of Groundman with two employees.

Motion carried by unanimous voice vote.



## **Safety and Compliance Coordinator**

Director McArthur recommended a new position within the BPU. This position would be “Safety and Compliance Coordinator”. In Summary we would look for a reliable Safety and Compliance Coordinator to ensure everyone in the utility/city complies with health and safety laws and permit requirements. They will also be responsible for establishing policies that will create and maintain a safe workplace. As a safety and compliance coordinator they must have excellent attention to detail to identify hazards and non-compliance issues. They will also be able to discover opportunities for improving conditions and execute various safety programs. The goal is to ensure the workplace meets all legal expectations and actively supports occupational health and safety.

This position would provide these services for the power plant, waste water treatment plant, water plant all BPU employees, including office staff, electric department, water department, and wastewater department. On the City side this position would serve the Department of Public Services along with office staff making sure all OSHA required training is up to date.

This position would be a shared position and has been figured into the budget for the FYE 2020. Director McArthur believes this position is needed to stay in compliance with OSHA and other State Agencies. At this time we have a person performing a small portion of the duties described in the job description, a full time employee is needed to keep up with all required aspects of safety and record keeping, such as updating Emergency Response Plans in the electric, water, and waste water departments, organizing and performing table top exercises and mock drills to make sure staff is prepared in a time of emergency and keeping records of all training and exercises. This position will also manage the maintenance/work order program when implemented.

Moved by: Mr. Hill, supported by Mr. Sumnar recommends creating the position of Safety and Compliance Coordinator.

Motion carried by unanimous voice vote.

The meeting was adjourned at 6:34 p.m.

Hillsdale Board of Public Utilities  
Finance & Administration Committee

July 2, 2019

The Hillsdale Board of Public Utilities - Finance & Administration Committee Meeting was called to order at 5:04 p.m. by Mr. Sumnar, Committee Chair.

Committee Members Present: Mr. Barry Hill, President; Mr. Eric Hoffman; Ms. Lois Howard; Mr. Chris Sumnar.

Committee Members Absent: None

Others present: Chris McArthur, BPU Director; Chad Culbert, Electric Distribution Superintendent; Bill Briggs, Water Distribution Superintendent/WWTP Supervisor; Jenna Eidenier; Kelley Newell, Secretary to the Board.

Director McArthur discussed the update of the Rules & Regulations for the Board of Public Utilities.

Moved by: Mr. Hill, supported by Mr. Hoffman, to approve the Hillsdale Board of Public Utilities Rules & Regulations updates.

Motion carried by unanimous voice vote.

The meeting was adjourned at 5:59 p.m.

User: gkeasal

POST DATES 07/01/2019 - 07/31/2019

DB: Hillsdale

JOURNALIZED PAID

BANK CODE: BPUAP

INVOICE NUMBER	DESCRIPTION	AMOUNT	PAID BY CHECK NUMBER
VENDOR NAME: ACD			
42187-137	MONTHLY FIBER LEASE	202.00	71180
TOTAL VENDOR ACD		202.00	
VENDOR NAME: ALBER, KENNETH G			
07/01/2019	UB refund for account: 014694	344.00	71181
TOTAL VENDOR ALBER, KENNETH G		344.00	
VENDOR NAME: AMERICAN COPPER AND BRASS, LLC			
19INV027832	ELECTRICAL PARTS	7.28	71262
19INV027964	ELECTRICAL PARTS	19.07	71262
19INV027963	COPPER, SUMP PUMPS, FITTINGS	154.13	71262
19INV029011	COPPER, SUMP PUMPS, FITTINGS	1,085.71	71262
19INV028893	COPPER, SUMP PUMPS, FITTINGS	488.02	71262
19INV029699	COPPER, SUMP PUMPS, FITTINGS	3.13	71262
TOTAL VENDOR AMERICAN COPPER AND BRASS, LLC		1,757.34	
VENDOR NAME: ARROW SWIFT PRINTING			
149516	YOU WERE NOT HOME DOOR HANGER	95.00	71263
149518	DOORHANGERS	117.25	71263
TOTAL VENDOR ARROW SWIFT PRINTING		212.25	
VENDOR NAME: BATTERY SOLUTIONS			
A418020	RECYCLING BATTERIES	548.25	71265
TOTAL VENDOR BATTERY SOLUTIONS		548.25	
VENDOR NAME: BECKER & SCRIVENS			
82310	16" CONCRETE SAW BLADES	320.00	71266
TOTAL VENDOR BECKER & SCRIVENS		320.00	
VENDOR NAME: BEEM, ANGELLA D			
07/24/2019	UB refund for account: 023405	22.74	71267
TOTAL VENDOR BEEM, ANGELLA D		22.74	
VENDOR NAME: BENNETT, DARREL S			
07/24/2019	UB refund for account: 025839	10.00	71268
06/28/2019	UB refund for account: 025839	10.00	71187
TOTAL VENDOR BENNETT, DARREL S		20.00	
VENDOR NAME: BETHEL, COURTNEY D			
07/25/2019	UB refund for account: 009870	127.67	71269
TOTAL VENDOR BETHEL, COURTNEY D		127.67	
VENDOR NAME: BLUE CROSS & BLUE SHIELD OF MI			
015435/016237	DENTAL & VISION INSURANCE GROUP 0070034	1,632.02	71260
TOTAL VENDOR BLUE CROSS & BLUE SHIELD OF MI		1,632.02	
VENDOR NAME: BONDSTEEL, HAROLD D			
07/18/2019	UB refund for account: 017943	144.00	71310
TOTAL VENDOR BONDSTEEL, HAROLD D		144.00	
VENDOR NAME: BRANCH HILLSDALE ST JOSEPH			
7.19.2019	HEP A VACCINE - DUSTIN WHEELER	112.00	71270
TOTAL VENDOR BRANCH HILLSDALE ST JOSEPH		112.00	
VENDOR NAME: BUCKLER, BETTE J			
07/24/2019	UB refund for account: 015326	36.00	71271
TOTAL VENDOR BUCKLER, BETTE J		36.00	
VENDOR NAME: CARR BROTHERS & SON INC.			
110129	PEASTONE AND TRUCKING	759.88	71190
TOTAL VENDOR CARR BROTHERS & SON INC.		759.88	
VENDOR NAME: CHESTNEY PUBLISHING			
9088	ADS	50.00	71272
TOTAL VENDOR CHESTNEY PUBLISHING		50.00	

INVOICE NUMBER	DESCRIPTION	AMOUNT	PAID BY CHECK NUMBER
VENDOR NAME: CINTAS CORPORATION			
4026360371	MATT'S	40.00	71273
4025414398	MATT'S	40.00	71193
4025077471	MATT'S	40.00	71191
4025948292	MATT'S	40.00	71273
5014252351	FIRST AID SUPPLIES	73.17	71273
TOTAL VENDOR CINTAS CORPORATION		233.17	
VENDOR NAME: CONALEW			
07/24/2019	UB refund for account: 021600	75.27	71274
TOTAL VENDOR CONALEW		75.27	
VENDOR NAME: COONRADT, NICOLE M			
07/09/2019	UB refund for account: 021632	70.00	71201
TOTAL VENDOR COONRADT, NICOLE M		70.00	
VENDOR NAME: CURRENT OFFICE SOLUTIONS			
628531-00	PENCIL, LEAD, MARKERS, BINDERS	45.74	71203
628315-00	MAPPING PLOTTER MK INK	76.87	71275
628734-00	3 BINDER - INDEX	5.92	71275
628913-00	BINDERS	28.73	71275
629110-00	BINDERS & INDEX TABS	16.84	71275
TOTAL VENDOR CURRENT OFFICE SOLUTIONS		174.10	
VENDOR NAME: DUBOIS TRUCKING AND EXCAVATION			
QB1527	FILL SAND FOR URD	23.00	71276
QB1524	SAND AND GRAVEL FILL	30.00	71276
QB1525	SAND AND GRAVEL FILL	46.00	71276
QB1526	SAND AND GRAVEL FILL	23.00	71276
TOTAL VENDOR DUBOIS TRUCKING AND EXCAVATION		122.00	
VENDOR NAME: EDP OF HILLSDALE COUNTY			
475	EXCEL TRAINING	267.00	71277
TOTAL VENDOR EDP OF HILLSDALE COUNTY		267.00	
VENDOR NAME: ELLINGSON, ANIKA G			
07/01/2019	UB refund for account: 035210	122.00	71205
TOTAL VENDOR ELLINGSON, ANIKA G		122.00	
VENDOR NAME: ENVIRONMENTAL SYSTEMS RESEARCH INST			
93671148	ESRI LICENSE RENEWAL 2019	10,000.00	71278
TOTAL VENDOR ENVIRONMENTAL SYSTEMS RESEARCH INST		10,000.00	
VENDOR NAME: FAMILY FARM & HOME			
478/54	PLUMBING PARTS FOR CONCRETE SAW	10.77	71208
TOTAL VENDOR FAMILY FARM & HOME		10.77	
VENDOR NAME: FARM BUREAU			
07/24/2019	UB refund for account: 009966	182.67	71279
TOTAL VENDOR FARM BUREAU		182.67	
VENDOR NAME: FASTENAL			
MIJON75858	5/8 NUTS	13.81	71209
TOTAL VENDOR FASTENAL		13.81	
VENDOR NAME: GABRIELE, MITCHELL B			
07/24/2019	UB refund for account: 016928	38.00	71280
TOTAL VENDOR GABRIELE, MITCHELL B		38.00	
VENDOR NAME: GARRETT ADAMS			
7.24.2019	BOOT ALLOWANCE	200.00	71281
TOTAL VENDOR GARRETT ADAMS		200.00	
VENDOR NAME: GEIGER, SOREN A			
07/18/2019	UB refund for account: 020447	136.50	71311
TOTAL VENDOR GEIGER, SOREN A		136.50	
VENDOR NAME: GELZER & SON INC			

INVOICE NUMBER	DESCRIPTION	AMOUNT	PAID BY CHECK NUMBER
VENDOR NAME: GELZER & SON INC			
A203695	CALUK, GUN, WIRE, MESH, FASTENERS, PLIER	128.91	71282
A203237	CALUK, GUN, WIRE, MESH, FASTENERS, PLIER	57.77	71282
A203125	CALUK, GUN, WIRE, MESH, FASTENERS, PLIER	28.37	71282
A203702	CALUK, GUN, WIRE, MESH, FASTENERS, PLIER	3.48	71282
TOTAL VENDOR GELZER & SON INC		218.53	
VENDOR NAME: HEFFERNAN SOFT WATER SERVICE			
115131	DISTILLED WATER WWTP LAB	8.75	71283
115088	WATER	7.20	71283
TOTAL VENDOR HEFFERNAN SOFT WATER SERVICE		15.95	
VENDOR NAME: HILLSDALE CO SHERIFF'S OFFICE			
07.03.2019	DONATION TO PURCHASE EDUCATION MATERIAL	100.00	71216
TOTAL VENDOR HILLSDALE CO SHERIFF'S OFFICE		100.00	
VENDOR NAME: HOUSE MOUSE LLC THE			
238	PEST SERVICE RENEWAL	931.00	71285
TOTAL VENDOR HOUSE MOUSE LLC THE		931.00	
VENDOR NAME: HUFF, RACHAEL L			
07/09/2019	UB refund for account: 026367	59.89	71217
TOTAL VENDOR HUFF, RACHAEL L		59.89	
VENDOR NAME: LARGE, TAYLOR C			
07/18/2019	UB refund for account: 030220	43.00	71312
TOTAL VENDOR LARGE, TAYLOR C		43.00	
VENDOR NAME: MAREE, RYAN R			
07/18/2019	UB refund for account: 025361	110.00	71313
TOTAL VENDOR MAREE, RYAN R		110.00	
VENDOR NAME: MARKET HOUSE			
115654	SOFTSOAP, KLEENEX & PLASTICWARE	120.53	71286
TOTAL VENDOR MARKET HOUSE		120.53	
VENDOR NAME: MENDE ENGINEERING SOLUTIONS LLC			
743	WWTP HVAC PHASE II	1,600.00	71287
TOTAL VENDOR MENDE ENGINEERING SOLUTIONS LLC		1,600.00	
VENDOR NAME: MERIT LABORATORIES			
04475	BEF TESTING, LEAD AND COPPER, WASTE WAT	157.75	71288
04322	BEF TESTING, LEAD AND COPPER, WASTE WAT	286.50	71288
04473	BEF TESTING, LEAD AND COPPER, WASTE WAT	362.75	71288
04321	BEF TESTING, LEAD AND COPPER, WASTE WAT	350.00	71288
04654	BEF TESTING, LEAD AND COPPER, WASTE WAT	17.00	71288
04325	BEF TESTING, LEAD AND COPPER, WASTE WAT	49.00	71288
04474	BEF TESTING, LEAD AND COPPER, WASTE WAT	98.00	71288
04653	BEF TESTING, LEAD AND COPPER, WASTE WAT	98.00	71288
TOTAL VENDOR MERIT LABORATORIES		1,419.00	
VENDOR NAME: MICHIGAN PIPE & VALVE			
JO17842	6" VLAVE, MEGALUGS, FLANGE GASKET	697.87	71289
TOTAL VENDOR MICHIGAN PIPE & VALVE		697.87	
VENDOR NAME: MICHIGAN PUBLIC POWER AGENCY			
201907001	ASSOCIATE MEMBER FEE	1,000.00	71227
TOTAL VENDOR MICHIGAN PUBLIC POWER AGENCY		1,000.00	
VENDOR NAME: MICHIGAN RURAL WATER ASSOCIATION			
7.22.2019	2019 OUTDOOR EXPO AND TRAINING DAY REGI	220.00	71290
TOTAL VENDOR MICHIGAN RURAL WATER ASSOCIATION		220.00	
VENDOR NAME: NAM, SANG C			
07/24/2019	UB refund for account: 026156	51.00	71293
TOTAL VENDOR NAM, SANG C		51.00	
VENDOR NAME: NORTH CENTRAL LABORATORIES INC			

User: gkeasal

POST DATES 07/01/2019 - 07/31/2019

DB: Hillsdale

JOURNALIZED PAID

BANK CODE: BPUAP

INVOICE NUMBER	DESCRIPTION	AMOUNT	PAID BY CHECK NUMBER
VENDOR NAME: NORTH CENTRAL LABORATORIES INC			
425662	LAB SUPPLIES	5,798.84	71295
TOTAL VENDOR NORTH CENTRAL LABORATORIES INC		5,798.84	
VENDOR NAME: OSBOURNE, THOMAS			
07/24/2019	UB refund for account: 015374	69.00	71296
07/09/2019	UB refund for account: 015374	59.25	71230
TOTAL VENDOR OSBOURNE, THOMAS		128.25	
VENDOR NAME: PARNEY'S CAR CARE			
64424	OIL CHANGE DIRECTORS TRUCK	54.49	71297
TOTAL VENDOR PARNEY'S CAR CARE		54.49	
VENDOR NAME: PASCUAL, LEOPOLDO			
07/09/2019	UB refund for account: 025073	58.34	71233
TOTAL VENDOR PASCUAL, LEOPOLDO		58.34	
VENDOR NAME: PERFORMANCE AUTOMOTIVE			
10284-1289201	HYD OIL FOR BACKHOE	37.99	71235
10284-1289565	SEAL CLAMPS, HOSE	19.32	71236
10284-1290419	SHOP SUPPLIES	60.64	71298
10284-1289958	AIR FILTER, BEARINGS	185.65	71298
10284-1290701	AIR FILTER, BEARINGS	30.29	71298
TOTAL VENDOR PERFORMANCE AUTOMOTIVE		333.89	
VENDOR NAME: POWERLINE SUPPLY			
56383429	INVENTORY	44.94	71299
56383140	CONDUIT - 2' CONTINUOUS RED	3,600.00	71299
56381502	INVENTORY	3,179.64	71299
56381501	ELECTRICAL TAPE	368.00	71299
TOTAL VENDOR POWERLINE SUPPLY		7,192.58	
VENDOR NAME: PRIORITY HEALTH			
19196000814	HEALTH INSURANCE GROUP 791487	23,190.48	71300
TOTAL VENDOR PRIORITY HEALTH		23,190.48	
VENDOR NAME: PUTHOFF, JARED A			
07/24/2019	UB refund for account: 025721	107.66	71301
TOTAL VENDOR PUTHOFF, JARED A		107.66	
VENDOR NAME: RIGHT WAY CONTROL LLC			
1138	SPRAYING SUBSTATIONS	2,100.00	71302
TOTAL VENDOR RIGHT WAY CONTROL LLC		2,100.00	
VENDOR NAME: RUPERT'S CULLIGAN			
208404	WATER - OFFICE	14.00	71303
TOTAL VENDOR RUPERT'S CULLIGAN		14.00	
VENDOR NAME: RURKA, JESSICA L			
07/18/2019	UB refund for account: 025292	11.00	71314
TOTAL VENDOR RURKA, JESSICA L		11.00	
VENDOR NAME: SAFE TEC COMPLIANCE SYSTEMS			
887387	SDS SYSTEM	2,000.00	71304
TOTAL VENDOR SAFE TEC COMPLIANCE SYSTEMS		2,000.00	
VENDOR NAME: SHOURDS, DAVID A			
07/09/2019	UB refund for account: 014175	134.00	71244
TOTAL VENDOR SHOURDS, DAVID A		134.00	
VENDOR NAME: SLAGLE, AARON M			
07/18/2019	UB refund for account: 021445	104.59	71315
TOTAL VENDOR SLAGLE, AARON M		104.59	
VENDOR NAME: STATE OF MICHIGAN			
07.17.2019	SALES TAX	29,878.31	71261
TOTAL VENDOR STATE OF MICHIGAN		29,878.31	

INVOICE NUMBER	DESCRIPTION	AMOUNT	PAID BY CHECK NUMBER
VENDOR NAME: STILLWELL FORD MERCURY, INC			
07.29.2019	2019 F-450 DUMP TRUCK	46,958.48	71317
TOTAL VENDOR STILLWELL FORD MERCURY, INC		46,958.48	
VENDOR NAME: SUN LIFE ASSURANCE COMPANY			
020894-BPU	INSURANCE CLIENT 020894	877.65	61
TOTAL VENDOR SUN LIFE ASSURANCE COMPANY		877.65	
VENDOR NAME: TIEZZI, HEATHER L			
07/09/2019	UB refund for account: 021053	93.00	71249
TOTAL VENDOR TIEZZI, HEATHER L		93.00	
VENDOR NAME: UNIVAR USA INC			
TO900717	12.5% SODIUM HYPOCHLORITE WTP	1,425.00	71306
TOTAL VENDOR UNIVAR USA INC		1,425.00	
VENDOR NAME: USABLUBOOK			
943597	HOSE AND FITTINGS	197.72	71307
939263	WWTP LAB SUPPLIES,	7,277.41	71307
941292	WWTP LAB SUPPLIES,	26.30	71307
939154	WWTP LAB SUPPLIES,	988.50	71307
TOTAL VENDOR USABLUBOOK		8,489.93	
VENDOR NAME: UTILITY SOLUTIONS			
20192907	7-1-2019 DISPATCH SUPPORT	666.67	71250
20193126	7-1-2019 IVR SUPPORT	512.10	71251
TOTAL VENDOR UTILITY SOLUTIONS		1,178.77	
VENDOR NAME: VANDUSEN, JIMMIE M			
07/09/2019	UB refund for account: 022490	36.18	71252
TOTAL VENDOR VANDUSEN, JIMMIE M		36.18	
VENDOR NAME: VELEZ, KEVIN C			
07/24/2019	UB refund for account: 025915	123.94	71308
TOTAL VENDOR VELEZ, KEVIN C		123.94	
VENDOR NAME: WAGNER, CAITLYN R			
07/09/2019	UB refund for account: 026396	16.43	71253
TOTAL VENDOR WAGNER, CAITLYN R		16.43	
VENDOR NAME: WHITES WELDING SERVICE			
84778	BEARING PLATES FOR AERATION SHAFT	540.00	71257
TOTAL VENDOR WHITES WELDING SERVICE		540.00	
VENDOR NAME: WILLARDO, ANTHONY L			
07/24/2019	UB refund for account: 030061	83.00	71309
TOTAL VENDOR WILLARDO, ANTHONY L		83.00	
VENDOR NAME: WILSON, NATHAN A			
07/09/2019	UB refund for account: 025004	3.00	71258
TOTAL VENDOR WILSON, NATHAN A		3.00	
VENDOR NAME: WOLVERINE POWER COOPERATIVE			
19-12029	RIGGING TRAINING COURSE	375.00	71179
TOTAL VENDOR WOLVERINE POWER COOPERATIVE		375.00	
VENDOR NAME: YODER, JULIANNE L			
07/18/2019	UB refund for account: 020344	52.92	71316
TOTAL VENDOR YODER, JULIANNE L		52.92	
GRAND TOTAL:		155,879.94	



## MICHIGAN SOUTH CENTRAL POWER AGENCY

168 DIVISION STREET • COLDWATER, MICHIGAN 49036  
 PHONE (517) 279-6961 • FAX (517) 279-6969  
 www.msepa.net

### ORIGINAL INVOICE

HILLSDALE BOARD OF PUBLIC UTILITIES  
 45 MONROE STREET  
 HILLSDALE, MICHIGAN 49242  
 Attn: Mr. David Mackie

Invoice Date: 17-Jul-19  
 Due Date: 31-Jul-19  
 Service From: 01-Jun-19  
 To: 30-Jun-19

Peak Demand 24,224 kv  
 Total Energy Received 10,535,599 kWh

Area	Entitlement %	Operating and Maintenance Costs	Debt Service Costs Less Capacity Credit	Total Costs
SUBSTATION LOAD COST		278,182.52		278,182.52
MARKET VALUE OF RESOURCES		(207,949.51)		(207,949.51)
PROJECT 1-ENDICOTT	25.5%	-	-	-
PROJECT IV	0.0%	-	-	-
PRAIRIE STATE	0.0%	-	-	-
MENOMINEE HYDRO	25.5%	28,208.61	-	28,208.61
OCONTO FALLS HYDRO	25.5%	24,195.72	-	24,195.72
AFEC	22.2%	148,840.08	25,388.57	174,228.65
AMP HYDRO 1	25.4%	(8,649.33)	200,793.75	192,144.42
AMP HYDRO 2 GREENUP	22.7%	1,840.15	8,954.91	10,795.06
AMP HYDRO 2 MELDAHL	22.6%	2,431.61	23,658.00	26,089.61
AMP SOLAR	0.0%	-	-	-
AMP CONTRACTS	21.6%	51,792.63		51,792.63
AMPGS	0.0%	-		-
COLDWATER PEAKING PLANT	#DIV/0!	-		-
TRANSMISSION	19.3%	56,802.88		56,802.88
MISO AND CAPACITY	14.6%	22,203.09		22,203.09
SUBSTATION	27.7%	232.41		232.41
ADMINISTRATION	18.3%	45,125.31		45,125.31
MEMBER	10.9%	1,773.08		1,773.08
MEMBER HYDRO	0.0%	-		-
RATE STABILIZATION		-		-
<b>TOTAL COST</b>		<b>\$ 445,029.24</b>	<b>258,795.23</b>	<b>703,824.47</b>
		\$/kWh 0.04224	0.02456	0.06680
<b>CREDITS</b>		<b>\$ (1,773.08)</b>	<b>-</b>	<b>(1,773.08)</b>
		\$/kWh (0.00017)	0.00000	(0.00017)
<b>NET COST</b>		<b>\$ 443,256.15</b>	<b>258,795.23</b>	<b>702,051.38</b>
		\$/kWh 0.04207	0.02456	0.06664

**Pay this amount \$ 702,051.38**

Any amounts due and not paid by the due date shall bear interest at the rate of 1% per month until paid.



# MEMO

## Hillsdale Board of Public Utilities

**TO:** Chris McArthur, Director  
BPU Board Members

**FROM:** Bonnie Tew, Finance Director

**DATE:** August 13, 2019

**SUBJECT:** Preliminary June 2019 Financials

---

The attached June 2019 financial statements are very preliminary at best. I can promise you that these numbers **will** change. We are still reviewing and making fiscal year-end adjustments in preparation for the audit, which is slated to be performed the week of September 23-27.

The following is a partial list of items we are still working on:

- Depreciation
- Capital Assets
- Pension Expense
- ICE Grant
- Interdepartmental Revenues and Expenditures
- Various adjustments to receivables, customer deposits, accounts payable, inventory, debt service, etc.

Thank you.

REVENUE AND EXPENDITURE REPORT FOR CITY OF HILLSDALE  
 PERIOD ENDING 06/30/2019  
 % Fiscal Year Completed: 100.00

GL NUMBER	DESCRIPTION	END BALANCE 06/30/2018 NORM (ABNORM)	2018-19 AMENDED BUDGET	YTD BALANCE 06/30/2019 NORM (ABNORM)	ACTIVITY FOR MONTH 06/30/19 INCR (DECR)	AVAILABLE BALANCE NORM (ABNORM)	% BGT USED
Fund 582 - ELECTRIC FUND							
Revenues							
582-000.000-426.000	INTERDEPARTMENTAL REVENUE	144,272.87	135,000.00	33,911.59	535.54	101,088.41	25.12
582-000.000-660.000	RESIDENTIAL SALES	4,728,352.59	4,890,000.00	4,604,838.85	327,166.84	285,161.15	94.17
582-000.000-661.000	BUSINESS SALES	1,403,959.82	1,450,000.00	1,397,570.34	115,121.30	52,429.66	96.38
582-000.000-662.000	COMMERCIAL SALES	3,425,593.26	3,550,000.00	3,217,262.70	254,905.22	332,737.30	90.63
582-000.000-663.000	INDUSTRY SALES	3,314,577.09	3,257,700.00	3,062,875.85	255,892.02	194,824.15	94.02
582-000.000-664.000	STREET LIGHT SALES	54,726.33	56,500.00	52,026.33	4,363.85	4,473.67	92.08
582-000.000-665.000	INTEREST	8,625.81	13,500.00	(11,593.31)	225.67	25,193.31	(86.62)
582-000.000-665.100	CHANGE IN INVESTMENTS	8,045.24	10,000.00	70,824.85	13,951.03	(60,824.85)	708.25
582-000.000-669.000	LATE CHARGES	33,754.66	50,000.00	36,833.05	2,401.27	13,166.95	73.67
582-000.000-670.000	GAIN (LOSS) ON INVESTMENT	701,901.64	0.00	0.00	0.00	0.00	0.00
582-000.000-692.001	OTHER REVENUE - MISC OPERATING	86,972.39	100,000.00	99,276.18	13,255.14	723.82	99.28
582-000.000-693.000	MISC NON-OPERATING INCOME	40,568.10	51,000.00	23,299.32	(428.98)	27,700.68	45.68
582-000.000-694.000	CASH OVER & (SHORT)	0.00	0.00	(165.15)	0.00	165.15	100.00
TOTAL REVENUES		13,951,349.80	13,563,700.00	12,586,860.60	987,388.90	976,839.40	92.80
Expenditures							
543.000	ADMINISTRATIVE SERVICES	1,759,917.58	1,652,425.00	1,525,639.45	157,005.89	126,785.55	92.33
544.000	PRODUCTION	8,973,720.86	9,462,570.00	9,038,317.82	722,628.88	424,252.18	95.52
544.000	DISTRIBUTION	1,493,255.36	1,573,415.00	1,443,214.14	120,001.94	130,200.86	91.72
TOTAL EXPENDITURES		12,226,893.80	12,688,410.00	12,007,171.41	999,636.71	681,238.59	94.63
TOTAL REVENUES		13,951,349.80	13,563,700.00	12,586,860.60	987,388.90	976,839.40	92.80
TOTAL EXPENDITURES		12,226,893.80	12,688,410.00	12,007,171.41	999,636.71	681,238.59	94.63
NET OF REVENUES & EXPENDITURES		1,724,456.00	875,290.00	579,689.19	(12,247.81)	295,600.81	66.23

GL NUMBER	DESCRIPTION	END BALANCE 06/30/2018 NORM (ABNORM)	2018-19 AMENDED BUDGET	YTD BALANCE 06/30/2019 NORM (ABNORM)	ACTIVITY FOR MONTH 06/30/19 INCR (DECR)	AVAILABLE BALANCE NORM (ABNORM)	% BDGT USED
<b>Fund 590 - SEWER FUND</b>							
Revenues							
590-000.000-426.000	INTERDEPARTMENTAL REVENUE	31,198.34	11,500.00	52,245.84	288.90	(40,745.84)	454.31
590-000.000-660.000	RESIDENTIAL SALES	695,062.22	831,500.00	852,933.98	70,807.05	(21,433.98)	102.58
590-000.000-661.000	BUSINESS SALES	146,829.46	186,400.00	159,233.63	13,332.63	27,166.37	85.43
590-000.000-662.000	COMMERCIAL SALES	354,591.97	330,000.00	378,704.50	26,014.85	(48,704.50)	114.76
590-000.000-663.000	INDUSTRY SALES	346,924.67	222,900.00	261,347.84	19,583.45	(38,447.84)	117.25
590-000.000-665.000	INTEREST	468.13	1,000.00	1,659.65	202.80	(659.65)	165.97
590-000.000-668.000	APARTMENT SALES	309,437.45	337,600.00	323,657.43	27,782.08	13,942.57	95.87
590-000.000-669.000	LATE CHARGES	5,871.52	4,000.00	6,984.88	550.69	(2,984.88)	174.62
590-000.000-673.002	LOSS ON SALE OF PROPERTY	(120,193.17)	0.00	0.00	0.00	0.00	0.00
590-000.000-692.001	OTHER REVENUE - MISC OPERATING	89,211.04	50,000.00	92,553.46	6,113.96	(42,553.46)	185.11
590-000.000-693.000	MISC NON-OPERATING INCOME	14,523.80	15,000.00	11,461.27	624.31	3,538.73	76.41
<b>TOTAL REVENUES</b>		<b>1,873,925.43</b>	<b>1,989,900.00</b>	<b>2,140,782.48</b>	<b>165,300.72</b>	<b>(150,882.48)</b>	<b>107.58</b>
Expenditures							
175.000	ADMINISTRATIVE SERVICES	658,709.97	754,360.00	627,729.98	68,380.86	126,630.02	83.21
546.000	OPERATIONS	318,157.60	384,060.00	230,163.95	7,943.04	153,896.05	59.93
547.000	TREATMENT	576,954.31	578,430.00	642,876.87	70,320.26	(64,446.87)	111.14
<b>TOTAL EXPENDITURES</b>		<b>1,553,821.88</b>	<b>1,716,850.00</b>	<b>1,500,770.80</b>	<b>146,644.16</b>	<b>216,079.20</b>	<b>87.41</b>
<b>TOTAL REVENUES</b>		<b>1,873,925.43</b>	<b>1,989,900.00</b>	<b>2,140,782.48</b>	<b>165,300.72</b>	<b>(150,882.48)</b>	<b>107.58</b>
<b>TOTAL EXPENDITURES</b>		<b>1,553,821.88</b>	<b>1,716,850.00</b>	<b>1,500,770.80</b>	<b>146,644.16</b>	<b>216,079.20</b>	<b>87.41</b>
<b>NET OF REVENUES &amp; EXPENDITURES</b>		<b>320,103.55</b>	<b>273,050.00</b>	<b>640,011.68</b>	<b>18,656.56</b>	<b>(366,961.68)</b>	<b>234.39</b>

GL NUMBER	DESCRIPTION	END BALANCE		2018-19		YTD BALANCE		ACTIVITY FOR		AVAILABLE	
		06/30/2018	NORM (ABNORM)	AMENDED BUDGET	NORM (ABNORM)	06/30/2019	NORM (ABNORM)	MONTH 06/30/19	INCR (DECR)	BALANCE	% BDTG USED
Fund 591 - WATER FUND											
Revenues											
591-000.000-426.000	INTERDEPARTMENTAL REVENUE	35,232.81		13,000.00		73,468.95		266.01		(60,468.95)	565.15
591-000.000-660.000	RESIDENTIAL SALES	490,510.08		545,150.00		616,695.08		50,840.54		(71,545.08)	113.12
591-000.000-661.000	BUSINESS SALES	124,724.66		141,000.00		133,747.19		12,091.00		7,252.81	94.86
591-000.000-662.000	COMMERCIAL SALES	241,946.77		280,000.00		275,581.45		21,806.17		4,418.55	98.42
591-000.000-663.000	INDUSTRY SALES	230,169.92		141,500.00		150,064.68		11,308.70		(8,564.68)	106.05
591-000.000-665.000	INTEREST	3,785.07		5,000.00		(3,399.73)		112.83		8,399.73	(67.99)
591-000.000-665.100	CHANGE IN INVESTMENTS	1,872.19		(1,500.00)		30,401.83		14,259.86		(31,901.83)	(2,026.7)
591-000.000-668.000	APARTMENT SALES	221,220.45		240,000.00		230,594.61		19,535.98		9,405.39	96.08
591-000.000-669.000	LATE CHARGES	4,077.26		4,000.00		4,885.54		374.57		(885.54)	122.14
591-000.000-673.001	GAIN ON SALE OF PROPERTY	(3,436.88)		0.00		0.00		0.00		0.00	0.00
591-000.000-692.001	OTHER REVENUE - MISC OPERATING	18,090.40		10,000.00		19,788.41		1,509.26		(9,788.41)	197.88
591-000.000-693.000	MISC NON-OPERATING INCOME	11,062.14		12,000.00		5,530.57		264.32		6,469.43	46.09
591-000.000-693.001	MISC NON-OPERATING INCOME-WELL	4,517.00		5,000.00		2,054.48		0.00		2,945.52	41.09
TOTAL REVENUES		1,383,771.87		1,395,150.00		1,539,413.06		132,369.24		(144,263.06)	110.34
Expenditures											
175.000	ADMINISTRATIVE SERVICES	505,493.93		484,745.00		421,238.60		49,592.65		63,506.40	86.90
543.000	PRODUCTION	108,171.69		102,625.00		92,110.56		3,981.20		10,514.44	89.75
544.000	DISTRIBUTION	449,541.96		464,350.00		489,721.86		88,368.67		(25,371.86)	105.46
545.000	PURIFICATION	219,262.06		210,345.00		269,626.57		27,313.19		(59,281.57)	128.18
TOTAL EXPENDITURES		1,282,469.64		1,262,065.00		1,272,697.59		169,255.71		(10,632.59)	100.84
TOTAL REVENUES		1,383,771.87		1,395,150.00		1,539,413.06		132,369.24		(144,263.06)	110.34
TOTAL EXPENDITURES		1,282,469.64		1,262,065.00		1,272,697.59		169,255.71		(10,632.59)	100.84
NET OF REVENUES & EXPENDITURES		101,302.23		133,085.00		266,715.47		(36,886.47)		(133,630.47)	200.41
TOTAL REVENUES - ALL FUNDS											
TOTAL EXPENDITURES - ALL FUNDS		17,209,047.10		16,948,750.00		16,267,056.14		1,285,058.86		681,693.86	95.98
NET OF REVENUES & EXPENDITURES		15,063,185.32		15,667,325.00		14,780,639.80		1,315,536.58		886,685.20	94.34
NET OF REVENUES & EXPENDITURES		2,145,861.78		1,281,425.00		1,486,416.34		(30,477.72)		(204,991.34)	116.00

# MEEDER PUBLIC FUNDS ADVISORY

## Customized Investment Portfolios



Prepared for

# City of Hillsdale

July 30, 2019

The Committee voted to keep the fed funds target at the current range of 2.25% - 2.50%.

The decision was not unanimous as St. Louis Fed President James Bullard dissented in favor of a quarter-point rate cut.

The dovish-leaning statement removed the word “patient” and suggests a willingness to lower rates should growth and inflation continue to disappoint.

The statement repeated the labor market “remains strong” but downgraded the characterization of top-line growth from “solid” in May to “moderate.”

Along with noting uneven domestic fundamentals, the FOMC underscored the increasing level of uncertainty stemming from international policy and geo-political issues.

“In light of these uncertainties and muted inflation pressures, the Committee will closely monitor the implications of incoming information for the economic outlook and will act as appropriate to sustain the expansion.”



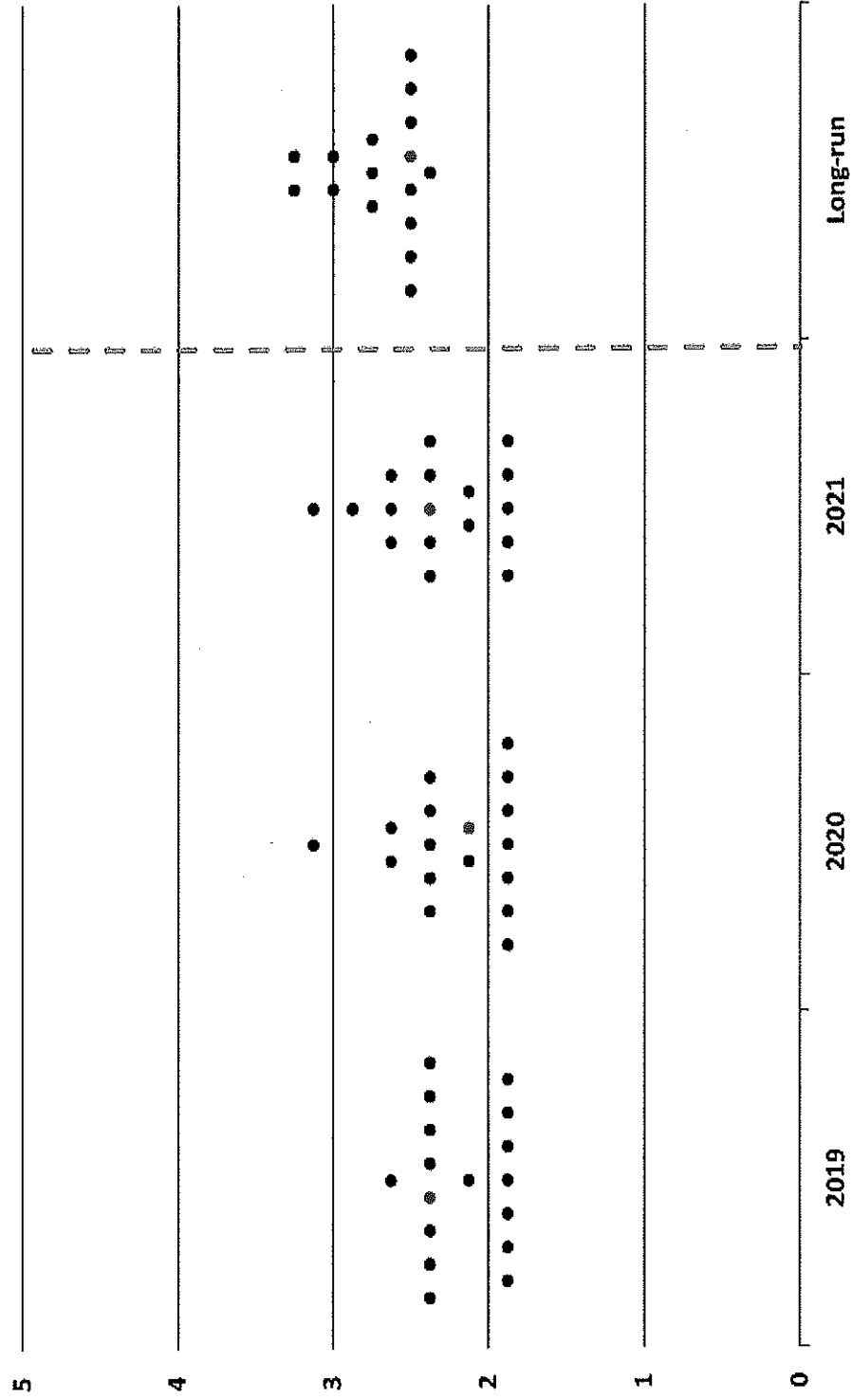
# FOMC STATEMENT HIGHLIGHTS

June 2019



# FEDERAL RESERVE DOT PLOT

Target Federal Funds Rate at Year-End  
(percent)

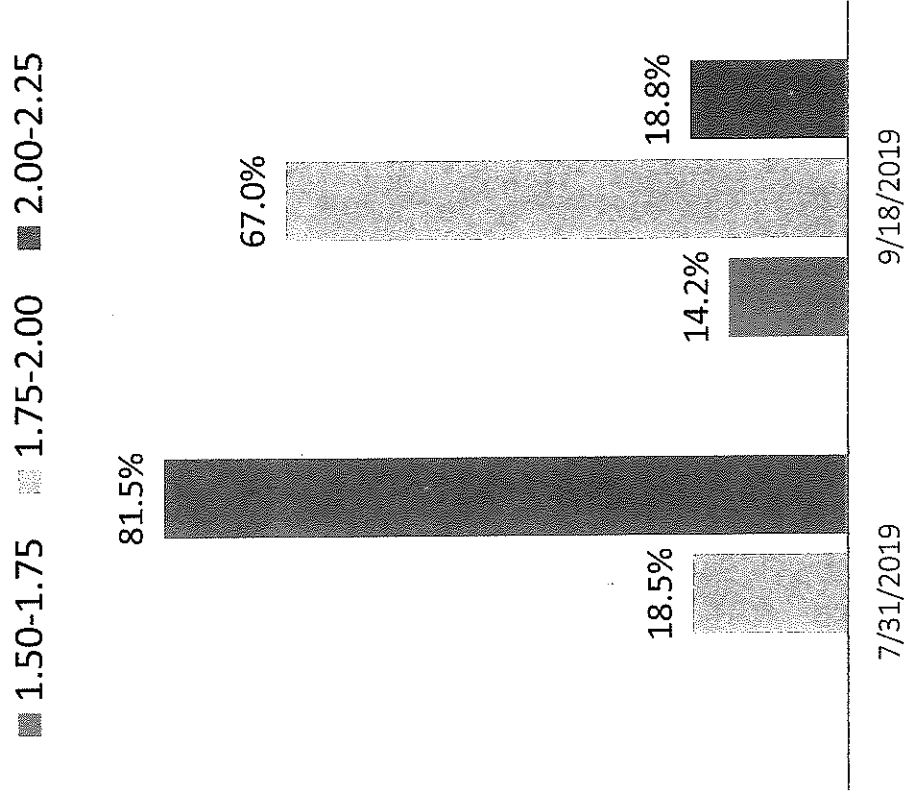


Source: Federal Reserve



## Rate Cut Path

- Interest rate markets are predicting a rate cut at both the July 31<sup>st</sup> and September 18<sup>th</sup> FOMC meetings as the most likely path

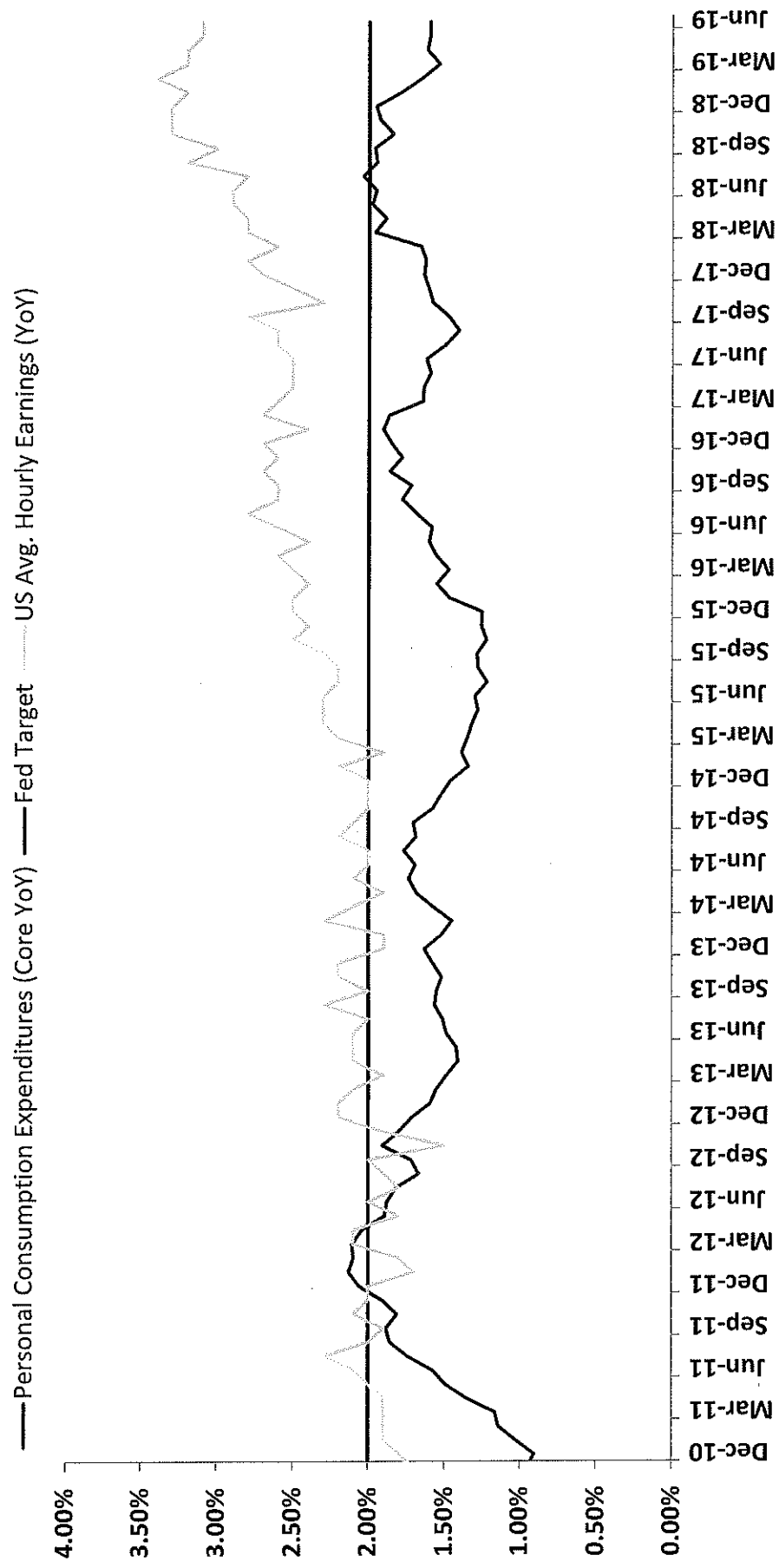


Source: Bloomberg as of 07/19/2019





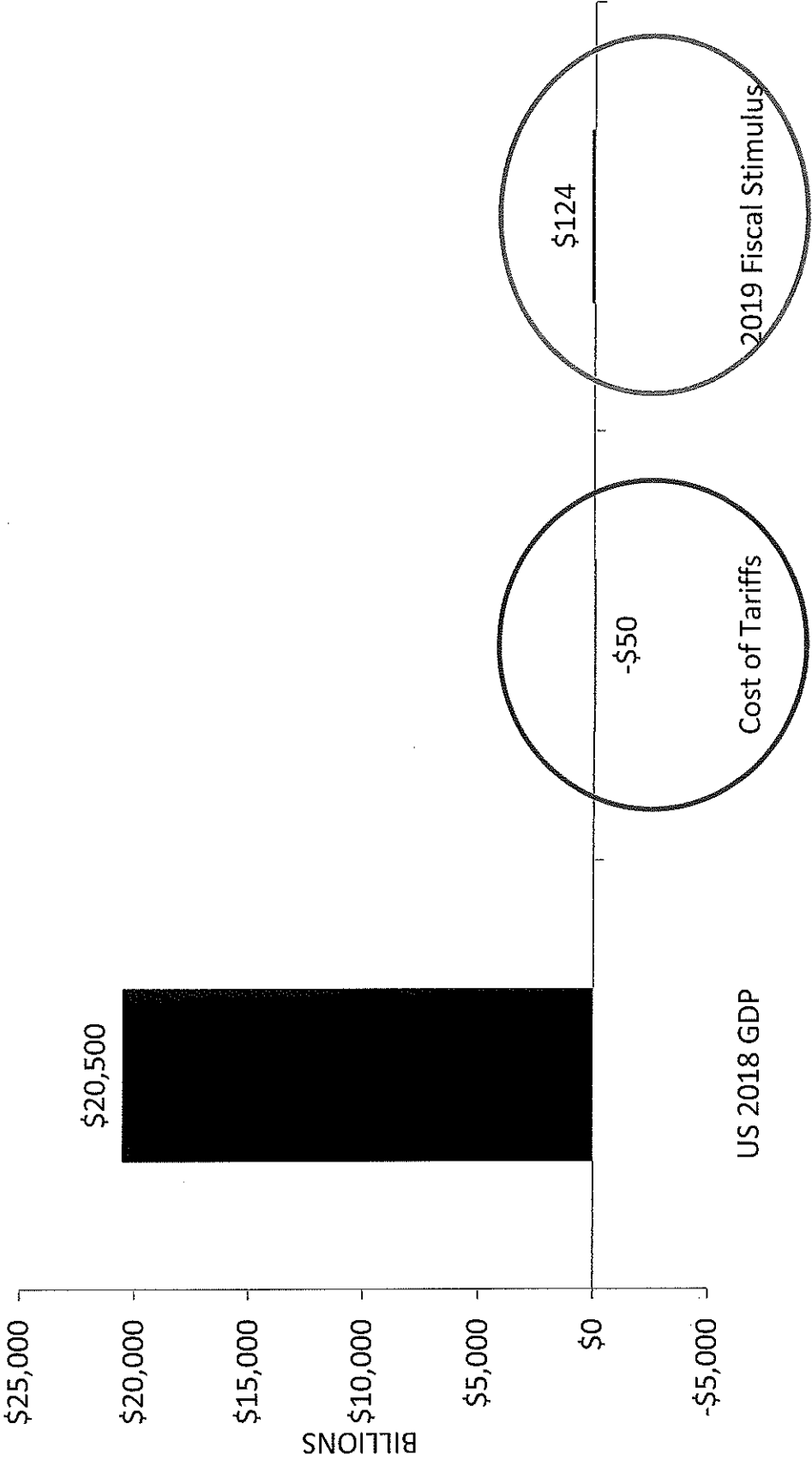
# Price Inflation and Wage Pressure



Source: Bloomberg as of 06/30/2019



# Tariff Talk





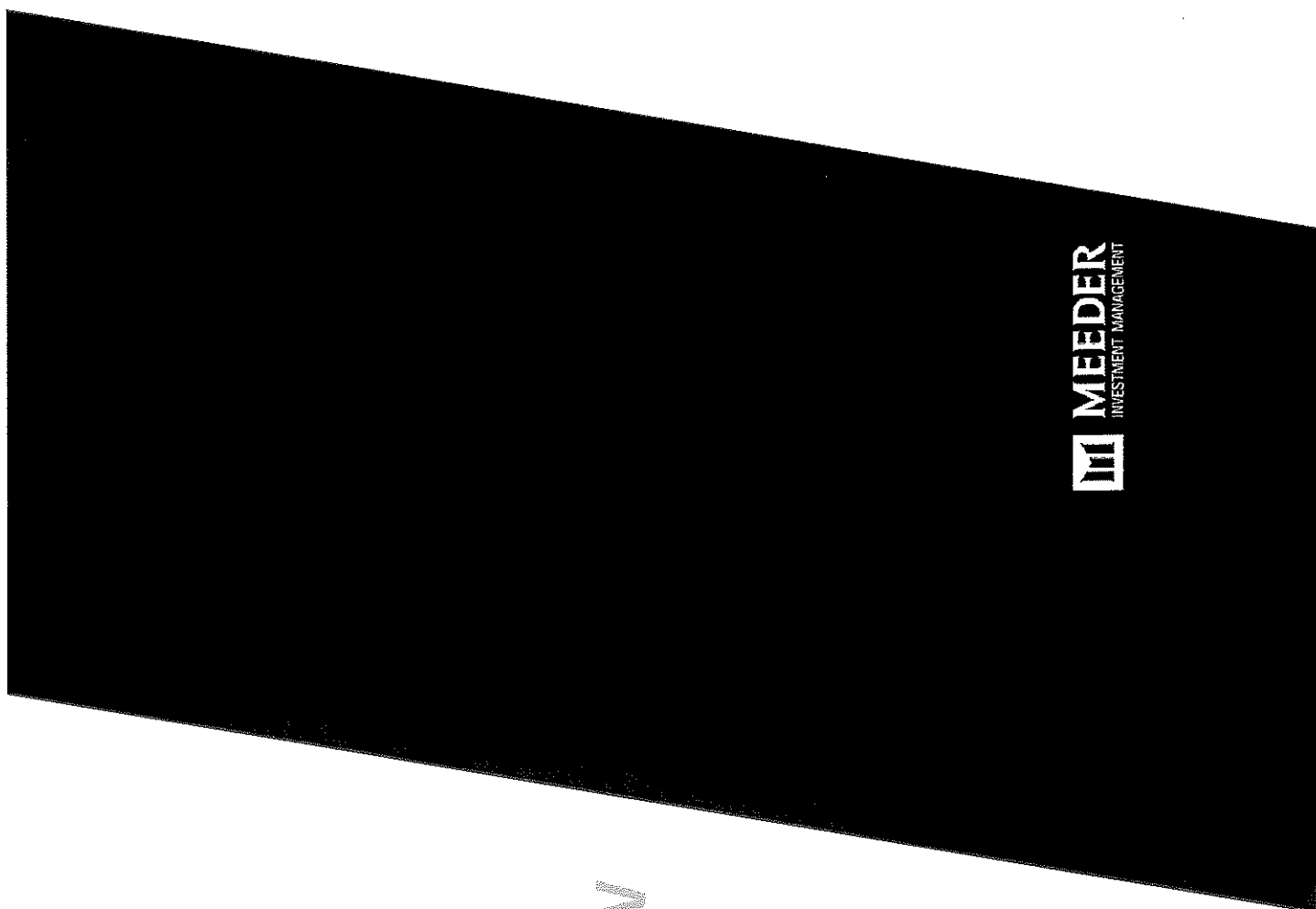
## Global Bond Yields

- US yields continue to be higher than the rest of the developed economies

Region	2 Year	3 Year	5 Year	7 Year	10 Year	30 Year
<b>United States</b>	<b>1.752%</b>	<b>1.731%</b>	<b>1.765%</b>	<b>1.882%</b>	<b>2.024%</b>	<b>2.565%</b>
Australia	0.939%	0.929%	0.994%	1.160%	1.346%	1.976%
Canada	1.446%	1.438%	1.400%	1.443%	1.495%	1.734%
China	2.750%	2.854%	2.979%	3.176%	3.152%	3.818%
France	-0.702%	-0.705%	-0.566%	-0.362%	-0.065%	0.900%
Germany	-0.765%	-0.773%	-0.650%	-0.560%	-0.315%	0.271%
Italy	-0.047%	0.369%	0.802%	1.160%	1.550%	2.627%
Japan	-0.205%	-0.202%	-0.232%	-0.232%	-0.143%	0.361%
United Kingdom	0.507%	0.483%	0.530%	0.594%	0.756%	1.382%

o o o o o

# PORTFOLIO REVIEW



**MEEDER**  
INVESTMENT MANAGEMENT



# PORTFOLIO REVIEW

City of Hillsdale portfolio as of 7/29/19

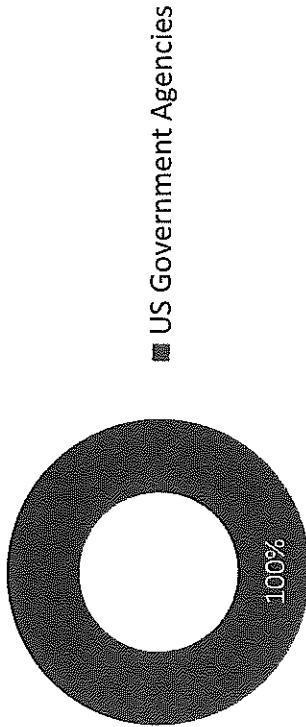
## Your Portfolio

Cash	\$13,095
Securities	<u>\$2,000,000</u>
Total Portfolio	\$2,013,095

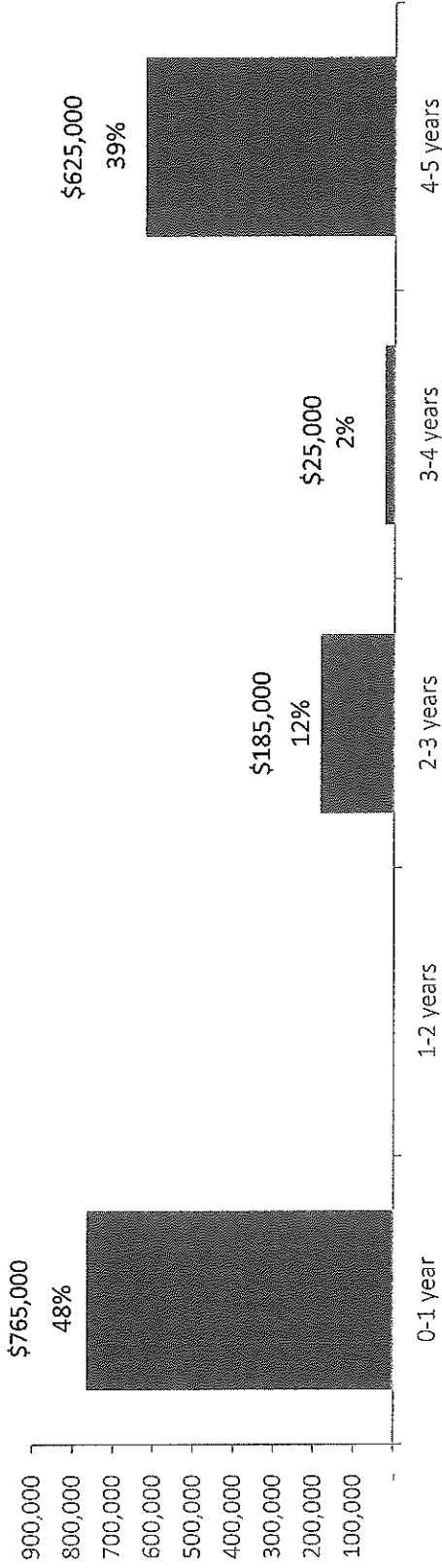
## Your Securities

Weighted Average Maturity	2.77 years
Weighted Average Yield	2.38%
Estimated Annual Interest Income	\$47,560

## Your Asset Allocation



## Your Maturity Distribution



Yield and Interest Income information is annualized. All yield information is shown gross of any advisory and custody fees and is based on yield to maturity at cost. Past performance is not a guarantee of future results.



# PORTFOLIO REVIEW

City of Hillsdale BPU portfolio as of 07/29/2019

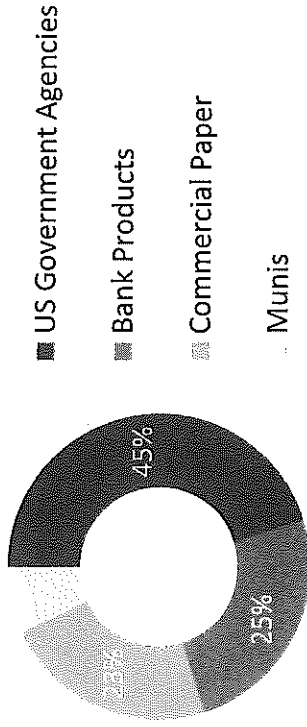
## Your Portfolio

Cash	\$722,302
Securities	<u>\$5,667,000</u>
Total Portfolio	\$6,389,302

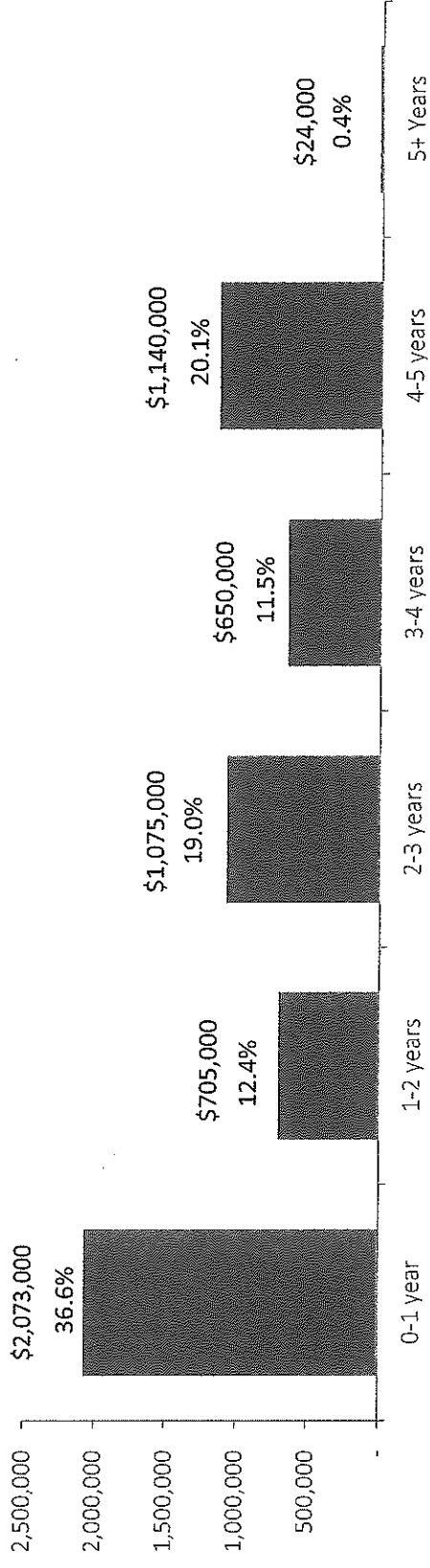
## Your Securities

Weighted Average Maturity	2.21 years
Weighted Average Yield	2.44%
Estimated Annual Interest Income	\$138,275

## Your Asset Allocation



## Your Maturity Distribution



Yield and Interest Income information is annualized. All yield information is shown gross of any advisory and custody fees and is based on yield to maturity at cost. Past performance is not a guarantee of future results.

# DISCLOSURE

Meeder Public Funds, Inc. is a registered investment adviser with the Securities and Exchange Commission (SEC) under the Investment Advisers Act of 1940. Registration with the SEC does not imply a certain level of skill or training. The opinions expressed in this presentation are those of Meeder Public Funds, Inc. The material presented has been derived from sources considered to be reliable, but the accuracy and completeness cannot be guaranteed.

Past performance does not guarantee future results. Opinions and forecasts are all subject to change at any time, based on market and other conditions, and should not be construed as a recommendation of any specific security. Investing in securities involves inherent risks, including the risk that you can lose the value of your investment. Any forecast, projection, or prediction of the market, the economy, economic trends, and fixed-income markets are based upon current opinion as of the date of issue, and are also subject to change. Opinions and data presented are not necessarily indicative of future events or expected performance. Meeder Public Funds, Inc. cannot and does not claim to be able to accurately predict the future investment performance of any individual security or of any asset class. There is no assurance that the investment process will consistently lead to successful results. The investment return and principal value of an investment will fluctuate, thus an investor's shares, or units, when redeemed, may be worth more or less than their original cost.



## **Directors Report**

**August 13, 2019**

### **Board Meeting**

#### **Wastewater Treatment Plant Update**

All of the construction has been completed. The required documentation from the contractor has been given to the engineer for updates to the prints and finalization of the projects. Fleis & Vandenbrink has an estimated completion in September.

#### **Garden, Mead, Vine, & Rippon St. Project**

Work on the additional sewer is almost completed. There is 15 water services to complete and then the concrete in this area. After the concrete is complete the base paving will be completed on Rippon St. and final paving on the entire project. This is expected to happen by the first of September.

#### **Rate Study**

After the last meeting Bonnie and I completed some projections for the remainder of the current rates. This calculation was based on FYE2019 usage numbers based on the rate increases that are scheduled. There has been a decline in usage in the last two years in all departments, this is attributed to mild temperatures and energy efficiency gains. The projections show an increase in revenue in all of the departments with the capital projects also increasing. The bottom line shows revenue above expenditures this year but slightly below in the sewer and electric departments in FYE 2020. While the scheduled increase in the sewer makes up for it in FYE 2021 the electric department is not scheduled for another increase for the remainder of this study. The water department will see revenue below expenditures in FYE 2021 but will bounce back the following year in FYE 2022. Keep in mind that these are just projections and are based on current year usage which may change. I have included a 2% increase per year for estimated expenditures. I have kept budgeted expenditures the same as estimated expenditures for the years moving forward as I do not know what will be spent. In the electric department you will see that this year's budgeted expenditures are \$600,000 more than estimated expenditures, with this being said, if you take the estimated expenditures in FYE 2020 and 2021 with the same reduction we will be in the positive. I do believe that with the net of revenue and expenditures being negative in FYE 2021 we may want to look at the rates in the electric departments next year. The water and sewer departments look to be stable with the expense of the Lead and Copper Rules in the water department being an additional expense that has not been accounted for. At this time I recommend budgeting for a rate review next year in all departments when there is more information on the cost of the Lead and Copper replacement.



## **MSCPA Update**

At the monthly meeting held at the MSCPA building in Coldwater, there was much discussion of Cities opinion of what is happening inside of the organization. The study has been started by Courtney & Associates to perform an administrative evaluation. They are in the information gathering phase with this expecting to take 3 to 4 months. A presentation was presented for future capacity needs. It was recommended to not look further into the Coldwater Peaking Project due to the state of the agency but to look at purchase power contracts. These decisions will need to be made in October. There will need to be a by-law change to not allow for alternates at the MSCPA. This action came from the opinion given by MSCPA Attorney, Steve Mann.

## **Franchise Agreements**

All of the franchise agreements have been finalized for all of the townships that we serve. They are attached for your information.

## **Michigan Energy Providers Conference**

While attending this conference there was great networking opportunities for energy providers throughout the state. There was a report given by current chairs of the Senate and House Energy Committee. The big push throughout the state is renewable energy and electric vehicles. They believe that Michigan is the automotive capital of the world and that we need to be the leaders in the electric vehicle section, from manufacturing and use. There was a great push for cities throughout the state to get EV ready. Cybersecurity was another major topic from cybersecurity professionals and Sue Kelley, APPA CEO. This issue is of growing concern throughout the industry and was put to us, "it's not a matter of if, it's a matter of when" the cyber threat will hit, with all of the global threats going on. The threat is very real, as we were told by Sue who is part of a national committee who is apprised of the latest cyber threats to our nation. This conference was very informative and gives a good perspective of the threats we face and a good network of people to contact with questions.

## **Significant Dates**

MSCPA Board Meeting	September 5, 2019
BPU Board Meeting	September 10, 2019
American Municipal Power Fall Conference	September 23-25, 2019
MSCPA Board Meeting	October 3, 2019
BPU Board Meeting	October 8, 2019
MMEA Fall Conference	October 9-11, 2019

# Electric

## Projections Based on Current Rates

2.0% Increase per year for Estimated Expenditures

2.5% Increase FYE 2020

Usage is based on FYE 2019

### Total Revenue

	2019	2020	2021
Residential	\$ 4,606,517	\$ 4,708,734	\$ 4,708,734
Business	\$ 1,324,979	\$ 1,323,424	\$ 1,323,424
Commercial	\$ 3,216,137	\$ 3,283,172	\$ 3,283,172
Industrial	\$ 3,062,750	\$ 3,127,558	\$ 3,127,558
Street Lights	\$ 52,026	\$ 53,148	\$ 53,148
Interdepartmental	\$ 219,160	\$ 223,990	\$ 223,990
Interest		\$ 5,000	\$ 5,000
Change in Investments	\$ 56,883	\$ 58,000	\$ 58,000
Late Charges	\$ 36,833	\$ 35,000	\$ 35,000
MISC Operating Revenue	\$ 99,276	\$ 100,000	\$ 100,000
MISC Non-Operating Income	\$ 23,299	\$ 25,000	\$ 25,000
Total	\$ 12,697,860	\$ 12,943,026	\$ 12,943,026

<b>Budgeted Expenditures</b>	\$ 12,698,410	\$ 12,711,500	\$ 12,965,730
<b>Estimated Expenditures</b>	\$ 12,094,135	\$ 12,711,500	\$ 12,965,730
Debt Service	\$ 211,082	\$ 211,082	\$ 218,770
Total Expenditures	\$ 12,305,217	\$ 12,922,582	\$ 13,184,500
<b>Net of Revenue/Expenditures</b>	\$ 392,643	\$ 20,444	\$ (241,474)

### Depreciation

Administration	\$ 125,000	\$ 110,000	\$ 110,000
Production	\$ 185,000	\$ 185,000	\$ 185,000
Distribution	\$ 450,000	\$ 500,000	\$ 500,000
Total	\$ 760,000	\$ 795,000	\$ 795,000

Capital Projects Total	\$ 815,000	\$ 950,000	\$ 1,000,000
------------------------	------------	------------	--------------

<b>Revenue above Maintenance and Capital Budgets</b>	\$ 337,643	\$ (134,556)	\$ (446,474)
--	------------	--------------	--------------

# Water

## Projections Based on Current Rates

2.0% Increase per year for Estimated Expenditures

14.24% increase per year from 2019

Usage is based on FYE 2019

### Total Revenue

	2019	2020	2021	2022	2023
Residential	\$ 617,114	\$ 657,045	\$ 704,829	\$ 759,302	\$ 821,421
Apartments	\$ 230,598	\$ 243,821	\$ 258,072	\$ 274,317	\$ 292,843
Business	\$ 131,126	\$ 138,609	\$ 148,690	\$ 160,181	\$ 173,286
Commercial	\$ 272,534	\$ 294,875	\$ 324,950	\$ 359,235	\$ 398,332
Industrial	\$ 150,077	\$ 168,682	\$ 189,639	\$ 213,531	\$ 240,776
Interdepartmental	\$ 8,499	\$ 8,686	\$ 8,892	\$ 9,128	\$ 9,396
Interest		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Change in Investments	\$ 16,142	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Late Charges	\$ 4,886	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
MISC Operating Revenue	\$ 19,788	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
MISC Non-Operating Income	\$ 7,585	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
<b>Total</b>	<b>\$ 1,458,349</b>	<b>\$ 1,564,218</b>	<b>\$ 1,687,572</b>	<b>\$ 1,828,194</b>	<b>\$ 1,988,554</b>

<b>Budgeted Expenditures</b>	\$ 1,336,460	\$ 1,474,975	\$ 1,504,475	\$ 1,534,564	\$ 1,565,255
<b>Estimated Expenditures</b>	\$ 1,295,740	\$ 1,474,975	\$ 1,504,475	\$ 1,534,564	\$ 1,565,255
Debt Service	\$ 38,300	\$ 38,300	\$ 39,350	\$ -	\$ -
Total Expenditures	\$ 1,334,040	\$ 1,513,275	\$ 1,543,825	\$ 1,534,564	\$ 1,565,255
<b>Net of Revenue/Expenditures</b>	<b>\$ 124,309</b>	<b>\$ 50,943</b>	<b>\$ 143,747</b>	<b>\$ 293,630</b>	<b>\$ 423,299</b>

### Depreciation

Administration	\$ 18,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Production	\$ 47,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Distribution	\$ 140,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000
Purification	\$ 61,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
<b>Total</b>	<b>\$ 266,000</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>

Capital Projects Total	\$ 293,000	\$ 310,000	\$ 530,000	\$ 550,000	\$ 580,000
------------------------	------------	------------	------------	------------	------------

### Revenue above Maintenance and Capital Budgets

	\$ 97,309	\$ 943	\$ (126,253)	\$ 3,630	\$ 103,299
--	-----------	--------	--------------	----------	------------

# Sewer

## Projections Based on Current Rates

2.0% Increase per year for Estimated Expenditures

11.46% increase per year from 2019

Usage is based on FYE 2019

### Total Revenue

	2019	2020	2021	2022	2023
Residential	\$ 855,577	\$ 915,845	\$ 981,187	\$ 1,053,689	\$ 1,135,142
Apartments	\$ 323,657	\$ 342,952	\$ 363,443	\$ 386,180	\$ 411,723
Business	\$ 158,722	\$ 169,888	\$ 181,960	\$ 195,356	\$ 210,406
Commercial	\$ 378,705	\$ 413,367	\$ 451,208	\$ 493,196	\$ 540,367
Industrial	\$ 261,348	\$ 288,750	\$ 319,253	\$ 353,099	\$ 391,124
Interdepartmental	\$ 3,893	\$ 4,067	\$ 4,259	\$ 4,472	\$ 4,711
Interest	\$ 1,660	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Change in Investments	\$ -	\$ -	\$ -	\$ -	\$ -
Late Charges	\$ 6,985	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
MISC Operating Revenue	\$ 92,553	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
MISC Non-Operating Income	\$ 11,461	\$ 11,500	\$ 11,500	\$ 11,500	\$ 11,500
<b>Total</b>	<b>\$ 2,094,561</b>	<b>\$ 2,244,369</b>	<b>\$ 2,410,810</b>	<b>\$ 2,595,492</b>	<b>\$ 2,802,973</b>

<b>Budgeted Expenditures</b>	\$ 1,716,850	\$ 1,871,300	\$ 1,908,726	\$ 1,946,901	\$ 1,985,839
<b>Estimated Expenditures</b>	\$ 1,518,890	\$ 1,871,300	\$ 1,908,726	\$ 1,946,901	\$ 1,985,839
Debt Service	\$ 383,300	\$ 501,850	\$ 472,500	\$ 482,500	\$ 487,500
Total Expenditures	\$ 1,902,190	\$ 2,373,150	\$ 2,381,226	\$ 2,429,401	\$ 2,473,339
<b>Net of Revenue/Expenditures</b>	<b>\$ 192,371</b>	<b>\$ (128,781)</b>	<b>\$ 29,584</b>	<b>\$ 166,091</b>	<b>\$ 329,634</b>

### Depreciation

Administration	\$ 20,000	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800
Operations	\$ 144,250	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
Treatment	\$ 164,500	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000
<b>Total</b>	<b>\$ 328,750</b>	<b>\$ 426,800</b>	<b>\$ 426,800</b>	<b>\$ 426,800</b>	<b>\$ 426,800</b>

Capital Projects Total	\$ 200,000	\$ 462,000	\$ 410,000	\$ 450,000	\$ 500,000
------------------------	------------	------------	------------	------------	------------

### Revenue above Maintenance and

<b>Capital Budgets</b>	<b>\$ 321,121</b>	<b>\$ (163,981)</b>	<b>\$ 46,384</b>	<b>\$ 142,891</b>	<b>\$ 256,434</b>
------------------------	-------------------	---------------------	------------------	-------------------	-------------------

**HILLSDALE TOWNSHIP  
HILLSDALE COUNTY**

**ORDINANCE NO.** 2018-12-12

**ADOPTED:** Dec. 10, 2018

**ELECTRIC FRANCHISE**

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Hillsdale County of Hillsdale Michigan.

**THE TOWNSHIP BOARD OF THE TOWNSHIP OF HILLSDALE COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:**

Section 1. GRANT, TERM. The Township of Hillsdale, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers, masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles,

conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.

Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.

  
\_\_\_\_\_  
Janel Stewart, Hillsdale Township Clerk

## ORDINANCE NO. 39

### ELECTRIC FRANCHISE

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Jefferson County of Hillsdale Michigan.

#### THE TOWNSHIP BOARD OF THE TOWNSHIP OF JEFFERSON COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:

Section 1. GRANT, TERM. The Township of Jefferson, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers, masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles, conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by

Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.

Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.



Steve Wismar, Supervisor  
Jefferson Township



Debbie Penney, Clerk  
Jefferson Township

Date Adopted: December 11, 2018



Ordinance # 19

## ELECTRIC FRANCHISE

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Adams County of Hillsdale Michigan.

THE TOWNSHIP BOARD OF THE TOWNSHIP OF ADAMS COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:

Section 1. GRANT, TERM. The Township of Adams, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers, masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles, conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by

Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.

Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.

Mark D. Nichol  
Supervisor

Michelle Genolfi  
Clerk

1-16-19  
Date

1-16-19  
Date

# Resolution # 3-2019

## ELECTRIC FRANCHISE

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Pittsford County of Hillsdale Michigan.

THE TOWNSHIP BOARD OF THE TOWNSHIP OF PITTSFORD COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:

Section 1. GRANT, TERM. The Township of Pittsford, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers, masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles, conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by

Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.


Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

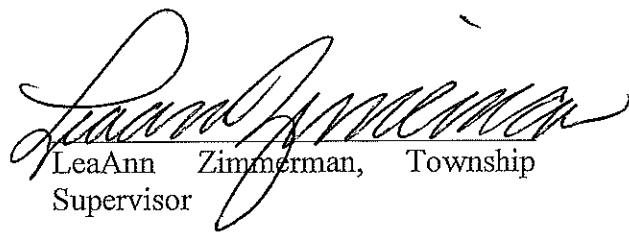
Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.

DATED: Jan. 14, 2019

  
Cinda L. Walton, Township Clerk

  
LeaAnn Zimmerman, Township Supervisor

ORDINANCE NO. 1-2019-3

CITY OF HILLSDALE BOARD OF PUBLIC UTILITIES  
ELECTRIC FRANCHISE ORDINANCE

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Cambria County of Hillsdale Michigan.

THE TOWNSHIP BOARD OF THE TOWNSHIP OF CAMBRIA COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:

Section 1. GRANT, TERM. The Township of Cambria, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers, masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles, conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

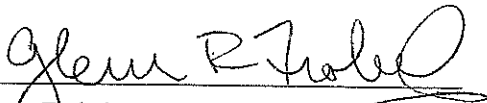
Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.

Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.

  
Glenn Frobel, Township Supervisor

  
Carol Rosales, Township Clerk

Dated: 3/12/19 Expires MARCH 2049  
2

ORDINANCE NO. 06102019

**CITY OF HILLSDALE BOARD OF PUBLIC UTILITIES  
ELECTRIC FRANCHISE ORDINANCE**

An Ordinance, granting to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns, the right, power and authority to construct, maintain and operate facilities for the transmission and distribution of electric energy on, along, across and under the highways, streets, bridges, and other public places and to operate and maintain the same and to transact a local business in the Township of Fayette County of Hillsdale Michigan.

THE TOWNSHIP BOARD OF THE TOWNSHIP OF FAYETTE COUNTY OF HILLSDALE AND STATE OF MICHIGAN ORDAINS:

Section 1. GRANT, TERM. The Township of Fayette, Hillsdale County, Michigan, hereinafter called the "Township," hereby grants the right, power and authority to the City of Hillsdale, Michigan Board of Public Utilities, its successors and assigns a municipal utility operating under the laws of the State of Michigan, its successors and assigns, hereinafter called the "Grantee," to construct, maintain and commercially use electric facilities consisting of towers; masts, poles, crossarms, guys, braces, feeders, transmission and distribution wires, communication wires for the purpose of operating the utility, transformers and other electrical appliances, pad mounted equipment, substations, switchgear for the purposes of transmitting, transforming and distributing electricity on, over, under, along and across the highways, streets, alleys, bridges, other public places, and on private property by easements and to conduct a local electric business in the Township for a period of thirty (30) years from the date of acceptance by the Grantee.

Section 2. CONSIDERATION. In consideration of the rights, power and authority hereby granted, said Grantee shall faithfully perform all things required by the terms hereof.

Section 3. PLACEMENT, CONSTRUCTION AND MAINTENANCE OF SYSTEM. All of Grantee's towers, masts, and poles shall be so placed on either side of the highways, streets, alleys and bridges as not to unnecessarily interfere with the use thereof for highway, street, alley and bridge purposes. All of Grantee's wires carrying electricity shall be securely fastened so as not to endanger or injure persons or property in said highways, streets, alleys, and bridges. All work performed by said Grantee in said highways, street[s], alleys, and bridges shall be done so as to minimize interference with the use thereof, and when completed, the same shall be left in as good condition as when work was commenced. The Grantee shall have the right to cut or trim trees if necessary in the conducting of such business.

Said lines and appurtenances shall be constructed so as to interfere as little as possible with the proper lawful use of the streets, alleys, and public places. The installation of all poles, conduits, and appurtenances shall be according to industry standards and shall be subject to such reasonable regulations as shall be prescribed by said Township Board from time to time.

Section 4. TERM. The rights, privileges and franchise hereby granted shall be in force and effect for a period of thirty (30) years from the date of the acceptance of this franchise by Grantee, but shall be revocable by either party upon 60 days written notice unless this franchise is approved by vote of the electors.

Section 5. INDEMNIFICATION OF TOWNSHIP. The Grantee shall at all times keep and save the Township free and harmless from all loss, costs and expense to which it may be subject by reason of the negligent construction and maintenance of the structures hereby authorized or activities directly related to the operation of such structures by the Grantee.

In the event that any of Grantee's transmission wires shall become disconnected, dislodged, or detached from the towers or poles to which they are affixed, and as a result thereof, Township or its Fire Department shall be required to respond to the scene of such disconnection, dislodgment, or detachment, then and in that event, Grantee shall reimburse Township or its Fire Department the costs of such emergency response which costs shall not exceed the sum of \$500.00 for each such occurrence.

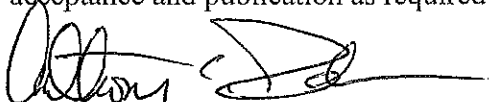
Section 6. The rates and terms and conditions of service governing the supply and use of electricity shall be established by the governing board of Grantee.

Section 7. This franchise shall revoke any and all previous franchises granted by the Township to Grantee.

Section 8. To the extent permitted by law, Grantee shall furnish electric service to all customers requesting such service within the Township pursuant to Grantee's distribution line extension rules.

Section 9. ACCEPTANCE. This franchise shall be accepted by the Grantee within sixty (60) days from the date of the adoption of this resolution.

Section 10. EFFECT. This franchise shall take effect from and after its adoption, acceptance and publication as required by law.

  
\_\_\_\_\_  
Anthony Baker, Township Supervisor

  
\_\_\_\_\_  
Karen Sparks, Township Clerk

Dated: 6-10-2019

Franchise Expiration Date: 6-10-2049



**Action Items**  
**August 13, 2019**  
**Board Meeting**

**Mapping Printer/Copier Lease**

The current printer in the mapping department is in need of an update. The current printer is owned by the BPU. The proposed printer will be a 60 month lease from Current Office Solutions at a rate of \$82.95/Month. This price is in line with the other printer/copiers that we have throughout the City. This has been budgeted for in the current budget.

**Recommendation:** Staff recommends entering into a 60 Month lease for a new Lanier IM C2000 SP Digital Color Printer for the rate of \$82.95/Month from Current Office Solutions.

**Replace VFD Controls on High Service Pump**

The original budgeted amount for replacing one VFD on a high service pump at the Water Treatment Plant was \$15,000. This number was derived from the previous installation completed in FYE 2019. The cost has increased in a quote submitted by UIS dated July 24, 2019 to \$16,050. Staff would recommend approving the increased amount of \$16,050 to replace the VFD drive on high service pump #3 which has just recently ceased to operate.

**Recommendation:** Staff recommends hiring UIS to install a VFD on High Service Pump #3 for the amount of \$16,050.

**Waste Water Treatment Project Pay Application #34**

This pay request will be the final request from LD Dosca in the amount of \$454,707.73 for the 2015 Waste Water Systems Improvement Project. All of the construction has been completed to the contract specifications and all of the documentation has been received by Fleis & Vandenbrink, the project engineers. This final pay request has the correct deducted amount per Change Order #14.

**Recommendation:** Staff recommends paying LDDosca the final amount of \$454,707.73.

### **Electric Meters & AMI System Loan Pay off**

The BPU has two final payments for the AMI System Loan. The first is due September 16, 2019 in the amount of \$226,737.14 and the last payment is September 16, 2020 in the amount of \$226,737.14. By paying this loan off early we will save the BPU \$7,967.56 in interest. This amount is not budgeted for but would be paid for using invested funds set aside.

Recommendation: Staff recommends paying the Electric Meters and AMI System loan off early with the final payment of \$226,737.14.

### **Safety and Compliance Coordinator**

As directed by the BPU Board in their Goals set in 2018, I am recommending a new position within the BPU. This position will be "Safety and Compliance Coordinator". In Summary we would look for a reliable Safety and Compliance Coordinator to ensure everyone in the utility/city complies with health and safety laws and permit requirements. They will also be responsible for establishing policies that will create and maintain a safe workplace. As a safety and compliance coordinator they must have excellent attention to detail to identify hazards and non-compliance issues. They will also be able to discover opportunities for improving conditions and execute various safety programs. The goal is to ensure the workplace meets all legal expectations and actively supports occupational health and safety.

This position would provide these services for the power plant, waste water treatment plant, water plant all BPU employees, including office staff, electric department, water department, and wastewater department. On the City side this position would serve the Department of Public Services along with office staff making sure all OSHA required training is up to date.

This position would be a shared position and has been figured into the budget for the FYE 2020 at a rate of \$25.00 per hour. I believe this position is needed to stay in compliance with OSHA and other State Agencies. At this time we have a person performing a small portion of the duties described in the job description, a full time employee is needed to keep up with all required aspects of safety and record keeping, such as updating Emergency Response Plans in the electric, water, and waste water departments, organizing and performing table top exercises and mock drills to make sure staff is prepared in a time of emergency and keeping records of all training and exercises. This position will also manage the maintenance/work order program when implemented.

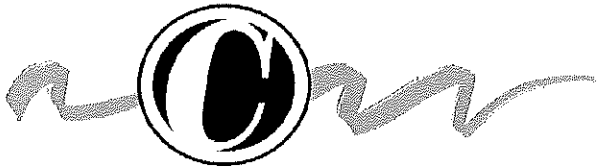
## **Groundman**

The "Groundman" position is a position already in the bargaining unit contract. This position has been used in recent years for transition purposes and in times of manpower need. As part of our future planning, staff sees the need to fill two positions. We have potential retirements coming in 7, 8, and 9 years which would claim three of our linemen and a supervisor. With the time to train an apprentice at 4 to 5 years it is necessary to get started with that training program. The plan would be to use the groundman position to feed the apprenticeship program by allowing staff to view the work ethic and knowledge of the individuals in the groundman position before promoting them to the apprenticeship position. With one in the apprenticeship program now we would look to add another apprentice next year with one a year for the next three years to fill the expected vacancies.

The Groundman position wages would be per the contract at a rate of \$20.78 to \$22.12. This position would be funded by the operations and maintenance budget and also the capital improvement budget. Those projects budgeted at \$500,000 per year for next 10 years, the need for more employees is warranted. Some of those include: Pole replacement, Voltage Upgrade, Critical Structure Replacement, Distribution Expansion and Upgrade and Substation Equipment Upgrades. Contractor options have been evaluated in the past with the costs being extremely high. Hiring from within would not only save money it would also give the employees valuable knowledge of the system and its operation.

These positions have been approved by the Personnel Committee.

**Recommendation:** The Personnel Committee and Staff is recommending creating the position of Safety and Compliance Coordinator and filling the position of Groundman with two employees.



## CURRENT OFFICE SOLUTIONS

*... Your Single Source*

July 8, 2019

Hillsdale BPU  
Re: Scott's Office  
45 Monroe St.  
Hillsdale, MI 49242  
517.437.3387

Dear Scott & Brandon,

We are pleased to offer the following proposal in regards to a New, digital, laser, Color MFP:  
2 Trays, cabinet, and a fax

### New Lanier IM C2000 SP Digital Color MFP

- ♦ 20 Pages Per Minute B&W and Color
- ♦ Copy, Print, Scan
- ♦ Color Copier, Network Printer, Color Scanning
- ♦ Scan-to-Email, Scan-to-Folder
- ♦ Print From/Scan-To USB Slot
- ♦ 10.1" Color Keyless Touchscreen (Like using a Tablet!)
- ♦ Up to 11x17 Paper
- ♦ 100-Sheet Automatic Reversing Document Feeder
- ♦ Sort/Collate, Automatic 2-Sided/Duplex
- ♦ 250 GB HDD, 2 GB RAM
- ♦ Paper Trays: 1x 100 Sheet Adjustable Bypass Tray  
2 x 550 Sheet Paper Trays – (1) Letter Size and (1) Fully Adjustable up to 11x17
- ♦ Cabinet/Stand
- ♦ Add Wireless Extender for Wireless Printing on your Wireless Network = \$49
- ♦ AirPrint Capable on your Wireless Network
- ♦ Includes PostScript3 Emulation. To Add Genuine Adobe Postscript Add \$279
- ♦ Includes Delivery & Initial Customized Network Installation

<b><u>Purchase Price</u></b>	<b>\$4,279.00*</b>
<b><u>FMV Lease</u></b>	
<b>48 Months</b>	<b>\$97.95/Month</b>
<b>60 Months</b>	<b>\$82.95/Month</b>
<b>72 Months</b>	<b>\$73.00/Month</b>

### Service Agreement Options

- ♦ An all-inclusive service agreement to be billed monthly at \$0.009 per black page and \$0.062 per color page, with a monthly minimum of \$45.00.
- ♦ Includes service, all parts, drum, labor and toners
- ♦ Excludes paper and network-related service calls.
- ♦ Includes 60-day Free Trial of ICE (Integrated Cloud Environment) – Just Say Free Trial

### **NOTES:**

- See enclosed spec sheets for additional features
- FMV (Fair Market Value) Lease is held in-house at Current Office Solutions. All-inclusive, except sales-tax where applicable.

Thank you for the opportunity to work together.

Sincerely,  
Rhonda Humphries,  
Current Office Solutions



211 West High Street, Bryan, Ohio 43506 • 419.636.6563 • 419.636.9222 Fax  
Archbold, OH 419.446.2757 • Hillsdale, MI 517.437.3651 • Coldwater, MI 517.278.5647  
Toll Free 888.930.3999

*www.CurrentOfficeSolutions.com*

# Current Office Solutions



Your Single Source

Furniture, Machines, Service, Printing, Office Supplies, & Integrative Technology

## FMV Lease Agreement

1. Current Office Solutions will provide or approve the stated machine under this agreement.
2. This agreement does not include labor or parts to repair damage caused by abuse, accident, misuse, theft, neglect, vandalism, or arising from such acts of third persons or forces of nature, nor damage caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
3. Current Office Solutions is not responsible for damage to personal property caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
4. This lease is a FMV (Fair Market Value) lease. After all payments are received the machine may be purchased at Fair Market Value, or returned to Current Office Solutions. The lessee will continue payments on a month to month basis until equipment is returned to Current Office Solutions or is purchased at FMV.
5. The Terms of this lease are outlined below:
  - a. Lease Rate - The amount that you will be billed each billing cycle
  - b. Billing Frequency - How often your Lease Rate will be billed.
  - c. Lease Term - The number of payments that must be made to complete your lease commitment.
6. Failure to fulfill the lease terms, as outlined on this document, will result in repossession of the stated equipment by Current Office Solutions.
7. Early termination of this agreement does not waive contractual obligations of the 60 MONTH term.
8. Agree to keep an active service contract with Current Office Solutions for the duration of this lease.

Machine Model: LANIER MPC3004 ID#: 44480 Serial#: C717MC10122 Location: 2ND FL - ASSESSORS OFFIC

### Lease Terms

Lease Rate: \$134.61  
Billing Frequency: every 1 month(s)  
Lease Term: 60 payments  
Lease Start Date: 6/1/2018

We, the following, state that we are authorized to make decisions for the companies in which we represent and agree to fulfill the terms of this FMV Lease Agreement.

Authorized Signature: David E. Mackie

Date: 5-31-18

HILLSDALE CITY  
97 N. BRD ST  
HILLSDALE, MI 49242

David E. Mackie  
Printed Name City Manager

[Signature]  
Current Office Solutions Signature

Please make a copy for your records and return the original to Current Office Solutions

Please mail contract to 211 West High Street, Bryan, Ohio 43506

Bryan, OH - 419.636.6563 • Archbold, OH - 419.446.2757 • Hillsdale, MI - 517.437.3651  
Coldwater, MI - 517.278.5647 • Toll Free - 888.930.3999

*www.CurrentOfficeSolutions.com • Your local source for all of your office needs!*

# Current Office Solutions



Your Single Source

Furniture, Machines, Service, Printing, Office Supplies, & Integrative Technology

## FMV Lease Agreement

1. Current Office Solutions will provide or approve the stated machine under this agreement.
2. This agreement does not include labor or parts to repair damage caused by abuse, accident, misuse, theft, neglect, vandalism, or arising from such acts of third persons or forces of nature, nor damage caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
3. Current Office Solutions is not responsible for damage to personal property caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
4. This lease is a FMV (Fair Market Value) lease. After all payments are received the machine may be purchased at Fair Market Value, or returned to Current Office Solutions. The lessee will continue payments on a month to month basis until equipment is returned to Current Office Solutions or is purchased at FMV.
5. The Terms of this lease are outlined below:
  - a. Lease Rate - The amount that you will be billed each billing cycle
  - b. Billing Frequency - How often your Lease Rate will be billed.
  - c. Lease Term - The number of payments that must be made to complete your lease commitment.
6. Failure to fulfill the lease terms, as outlined on this document, will result in repossession of the stated equipment by Current Office Solutions.
7. Early termination of this agreement does not waive contractual obligations of the 60 MONTH term.
8. Agree to keep an active service contract with Current Office Solutions for the duration of this lease.

Machine Model: LANIER MPC2004 ID#: 44517 Serial#: C768R311567 Location: PUBLIC SERVICE/STREET DE

### Lease Terms

Lease Rate: \$99.99  
Billing Frequency: every 1 month(s)  
Lease Term: 60 payments  
Lease Start Date: 6/1/2018

We, the following, state that we are authorized to make decisions for the companies in which we represent and agree to fulfill the terms of this FMV Lease Agreement.

Authorized Signature: David E. Mackie

Date: 5-31-18

HILLSDALE CITY  
97 N. BRD ST  
HILLSDALE, MI 49242

David E. Mackie  
Printed Name City Manager

[Signature]  
Current Office Solutions Signature

Please make a copy for your records and return the original to Current Office Solutions

Please mail contract to 211 West High Street, Bryan, Ohio 43506

Bryan, OH - 419.636.6563 • Archbold, OH - 419.446.2757 • Hillsdale, MI - 517.437.3651  
Coldwater, MI - 517.278.5647 • Toll Free - 888.930.3999

*www.CurrentOfficeSolutions.com • Your local source for all of your office needs!*



## FMV Lease Agreement

1. Current Office Solutions will provide or approve the stated machine under this agreement.
2. This agreement does not include labor or parts to repair damage caused by abuse, accident, misuse, theft, neglect, vandalism, or arising from such acts of third persons or forces of nature, nor damage caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
3. Current Office Solutions is not responsible for damage to personal property caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
4. This lease is a FMV (Fair Market Value) lease. After all payments are received the machine may be purchased at Fair Market Value, or returned to Current Office Solutions. The lessee will continue payments on a month to month basis until equipment is returned to Current Office Solutions or is purchased at FMV.
5. **The Terms of this lease are outlined below:**
  - a. Lease Rate - The amount that you will be billed each billing cycle
  - b. Billing Frequency - How often your Lease Rate will be billed.
  - d. Lease Term - The number of payments that must be made to complete your lease commitment.
6. Failure to fulfill the lease terms, as outlined on this document, will result in repossession of the stated equipment by Current Office Solutions.
7. This contract automatically renews on the renewal date indicated below, upon which time the rate is subject to change.

Machine Model: LANIER LD635C

ID#: 43253 Serial#: V9415400488

Location: 1ST FLOOR COPY ROOM

Lease Terms
Lease Rate: \$70.00
Billing Frequency: every 1 month(s)
Lease Term: 60 payments
Lease Start Date: 12/1/2016

We, the following, state that we are authorized to make decisions for the companies in which we represent and agree to fulfill the terms of this FMV Lease Agreement.

Authorized Signature: David E. Mackie Date: 1-3-17

HILLSDALE CITY  
97 N. BRD ST  
HILLSDALE, MI 49242

David E. Mackie  
Printed Name

Reesa STD  
Current Office Solutions Signature

Please make a copy for your records and return the original to Current Office Solutions 211 West High Street Bryan, Ohio 43506

211 W High Street, Bryan, Ohio 43506 Phone - 419.636.6563 Fax - 419.636.9222  
Archbold, OH 419.446.2757 Hillsdale, MI 517.437.3651 - Coldwater, MI 517.278.5647  
Toll Free 888.930.3999

[www.currentofficesolutions.com](http://www.currentofficesolutions.com)



**CURRENT OFFICE SOLUTIONS**  
*Your Single Source*

## Service Agreement/ FMV Lease

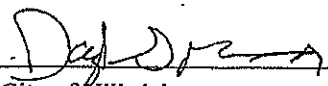
The purpose of this agreement is to provide inspection of equipment listed, minimizing the necessity of emergency attention, thereby insuring an efficient operation at a minimum cost, as well as to extend the period of usefulness. Current Office Solutions agrees in consideration of the payment of the sum stated below, to render services and maintenance on the equipment listed below, under the following terms.

1. Current Office Solutions will provide or approve the stated machine and all parts and repair labor under this agreement. This agreement excludes paper.
2. This agreement does not include labor or parts to repair damage caused by abuse, accident, misuse, theft, neglect, vandalism, or arising from such acts of third persons or forces of nature, nor damage caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
3. This agreement does not cover damage rendered by service personnel other than Current Office Solutions.
4. **This agreement will be billed Monthly at \$10.00 and .0075 cents per copy.** This amount includes all parts and repair labor under this agreement. The .0075 cents per copy will be guaranteed for the entire 60 month agreement. The City of Hillsdale is responsible for purchasing toner supplies for this machine as they are not included as part of this agreement.
5. The meter reading of this machine will need to be reported to [contracts@currentofficesolutions.com](mailto:contracts@currentofficesolutions.com) on the first business day of each Month, otherwise an automated email reminder will be sent to the email address you provide below. The meter reading may also be reported by faxing it to (419)636-9222. If no meter reading is reported the meter will be estimated, resulting in inaccurate charges.
6. The term of this Fair Market Value (FMV) Lease agreement is that of 60 months. At the end of the 60 months the machine can be purchased at Fair Market Value, or returned to Current Office Solutions. The lessee will continue payments on a month to month basis until equipment is returned to Current Office Solutions or is purchased at FMV.
7. The provisions contained in the attached Exhibit A are incorporated herein and made a part of this contract by reference.

Machine Model: HP Laserjet 4250 ID# 8921  
Starting Date: July 1, 2010 [REDACTED]  
Renewal Date:  
Starting copy count: 111092

\*E-mail address: [hdclerk@cityofhillsdale.org](mailto:hdclerk@cityofhillsdale.org) Contact name: Lesslie Keeling

\*(this email address will only be used by Current Office Solutions for use of obtaining the meter reading on the above machine.)  
City Of Hillsdale, 97 N. Broad St. Hillsdale, MI 49242

  
\_\_\_\_\_  
City of Hillsdale

  
\_\_\_\_\_  
Current Office Solutions

130 North Main Street, Bryan, OH 43506 • 419.636.6563 • 419.636.9222 Fax  
Archbold, OH 419.446.9222 Hillsdale, MI 517.3651 • Coldwater, MI 517.278.5647  
Toll Free 888.950.3909

[www.CurrentOfficeSolutions.com](http://www.CurrentOfficeSolutions.com)





**CURRENT OFFICE SOLUTIONS**  
... Your Single Source

## FMV Lease Agreement

1. Current Office Solutions will provide or approve the stated machine under this agreement.
2. This agreement does not include labor or parts to repair damage caused by abuse, accident, misuse, theft, neglect, vandalism, or arising from such acts of third persons or forces of nature, nor damage caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
3. Current Office Solutions is not responsible for damage to personal property caused by unforeseen toner spills due to defective toner cartridges or the malfunction of machines.
4. This lease is a FMV (Fair Market Value) lease. After all payments are received the machine may be purchased at Fair Market Value, or returned to Current Office Solutions. The lessee will continue payments on a month to month basis until equipment is returned to Current Office Solutions or is purchased at FMV.
5. **The Terms of this lease are outlined below:**
  - a. Lease Rate - The amount that you will be billed each billing cycle
  - b. Billing Frequency - How often your Lease Rate will be billed.
  - d. Lease Term - The number of payments that must be made to complete your lease commitment.
6. Failure to fulfill the lease terms, as outlined on this document, will result in repossession of the stated equipment by Current Office Solutions.
7. This contract automatically renews on the renewal date indicated below, upon which time the rate is subject to change.
8. Agree to keep an active service contract with Current Office Solutions for the duration of this lease.

Machine Model: LANIER MPC4504

ID#: 43578 Serial#: G717M110433

Location: FRONT OFFICE

<u>Lease Terms</u>
Lease Rate: \$175.00
Billing Frequency: every 1 month(s)
Lease Term: 60 payments
Lease Start Date: 4/1/2017

We, the following, state that we are authorized to make decisions for the companies in which we represent and agree to fulfill the terms of this FMV Lease Agreement.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

HILLSDALE BPU  
45 MONROE ST.  
HILLSDALE, MI 49242

*Mike Barber*

Printed Name

*Reesa S. DeRo*

Current Office Solutions Signature

Please make a copy for your records and return the original to Current Office Solutions 211 West High Street Bryan, Ohio 43506

211 W High Street, Bryan, Ohio 43506 Phone - 419.636.6563 Fax - 419.636.9222  
Archbold, OH 419-446-2757 Hillsdale, MI 517-437-3651 - Coldwater, MI 517-278-5647  
Toll Free: 888-950-3999

[www.currentofficesolutions.com](http://www.currentofficesolutions.com)



<b>Date</b>	July 24, 2019	<b>Customer</b>	Hillsdale	<b>To</b>	Bill Briggs
<b>Description</b>	F&I VFD at High Service Pump 3				Hillsdale
<b>Quote #</b>	191216				101 Galloway Dr
<b>Estimator</b>	Brian Davis	<b>Email</b>	brian.davis@uiscorp.com		Hillsdale, MI 49242
<b>Scope of Work</b>					<b>Cost</b>

Furnish and install one (1) Allen Bradley PowerFlex 400 100HP VFD with remote HIM at High Service Pump #3.  
 Provide programming and startup services.

Note: Existing enclosure and line reactor to be used for installation.

Total \$16,050.00

UIS SCADA Approved by

Date July 24, 2019

**Exclusions and Clarifications**

Our quote is based on straight time during normal hours of 7:00 A.M. - 3:30 P.M., Monday through Friday.  
 Our price is valid for thirty (30) days, after which time UIS SCADA reserves the right to review and modify any and all portions of its proposal.  
 This proposal contains pricing and other information confidential and proprietary to UIS SCADA, and disclosure of the contents of this letter and any attachments to persons or organizations outside of this agreement is not authorized without specific written permission from UIS SCADA.

**UIS GROUP OF COMPANIES - TERMS AND CONDITIONS**

**1. Offer.**

These Terms and Conditions ("Terms") apply to all products and services, including without limitation, computer software program(s) provided to Purchaser under an Order Confirmation with Utilities Instrumentation Services, Inc., UIS SCADA, Inc., and/or UIS Renewable Power, Inc. (collectively, "Seller"). These Terms are incorporated into each and every Order Confirmation issued by Seller to a purchaser of such Products or Services ("Purchaser"). A confirmation or acknowledgement of an order ("Order Confirmation") will be issued to Purchaser after the Purchaser has submitted an order to Seller. The Order Confirmation constitutes Seller's offer to the Purchaser identified in the Order Confirmation to sell the Products and/or provide the Services identified in the Order Confirmation and otherwise to enter into the agreement that the Order Confirmation and these Terms describe, and the Order Confirmation and these Terms shall be the complete and exclusive statement of such offer and agreement.

**2. Acceptance.**

A contract is formed when Purchaser accepts the Order Confirmation by written acknowledgement, by accepting the Products and/or Services, or other issued acceptance documents for the Products and/or Services. Acceptance is expressly limited to these Terms and the terms and conditions expressly referenced on the face of the Order Confirmation, and shall not include any terms and conditions contained in Purchaser's purchase order. Notwithstanding any contrary provision in Purchaser's purchase order or other acceptance document, delivery of Products, performance of Services or commencement of Services by Seller shall not constitute acceptance of Purchaser's terms and conditions to the extent any such terms or conditions are inconsistent with or in addition to the terms and conditions contained in the Order Confirmation.

**3. Prices.**

Prices for Products and/or Services shall be set forth in the Order Confirmation. Unless otherwise expressly stated in the Order Confirmation: (a) prices for Products specified in the Order Confirmation do not include storage, handling, packaging or transportation charges; and (b) prices do not include any applicable federal, state, local or foreign duties or taxes.

**4. Payment Terms.**

Unless otherwise expressly stated in the Order Confirmation, all accounts are payable in U.S. currency thirty (30) days from the date of Seller's invoice. Credit and delivery of Products shall be subject to Seller's approval. The Purchaser shall pay Seller for Services performed in accordance with the rates and charges set forth in the Order Confirmation. If the Purchaser objects to any portion of an invoice, the Purchaser shall notify Seller, in writing, within fourteen (14) calendar days of invoice receipt, identify the cause of disagreement, and pay when due any portion of the invoice not in dispute. Failure to provide notification shall constitute acceptance of the invoice as submitted. If Purchaser fails to pay undisputed invoiced amounts within the thirty (30) calendar days of the invoice date, Seller may at any time, without waiving any other claim against the Purchaser (including lien rights) and without thereby incurring any liability to the Purchaser, suspend or terminate the Order Confirmation. Purchaser is prohibited from and shall not estop against or recoup from any invoiced amounts due or to become due from Purchaser or its affiliates any amounts due or to become due to Seller or its affiliates, whether arising under the Order Confirmation, any related purchase order or under any other agreement.

**5. Shipping and Delivery.**

All sales of Products are F.O.B. Seller's plant unless otherwise specified in the Order Confirmation. Responsibility of Seller shall cease upon delivery to and receipt of the Products by a common carrier at which point Purchaser will bear all risk of loss for the Products. Premium shipping expenses and/or other related expenses necessary to meet Purchaser's accelerated delivery schedules shall be the responsibility of Purchaser. Deliveries of orders placed by Purchaser may be changed, deferred or canceled only upon specific agreement in writing by Seller and Seller may condition such agreement upon Purchaser's assumption of liability and payment to Seller for: (a) a sum equal to the costs of work in process including costs accrued for labor and material; (b) any amount for which Seller is liable by reason of commitments made by Seller to its suppliers; and (c) any other loss, cost or expense of Seller as a result of such change, deferral or cancellation.

**6. Proprietary Materials.**

Seller shall have and retain all rights, title and interest, including all intellectual property rights, in and to all Products, Services and associated materials, including, without limitation, all related reports, specifications, designs and any other property, tangible or intangible, furnished by Seller in connection with or under the Order Confirmation or any related purchase order ("Proprietary Materials"). No Proprietary Materials created by Seller in connection with or pursuant to the Order Confirmation or any related purchase order shall be considered "works made for hire" as that term is used in connection with the U.S. Copyright Act.

**7. Licenses.**

Seller does not grant to Purchaser any license with respect to the Products, and any such license terms with respect to the Products shall be governed solely by the licenses, if any, provided solely by the third-party manufactures of such products.

**UIS Group of Companies**  
**2290 Bishop Circle East**  
**Dexter, MI 48130**  
**(734) 424-1200**

**Utilities Instrumentation Service**  
**UIS SCADA**  
**UIS Renewable Power**

#### 8. Design.

Seller is not responsible for the design of the Products and will not, under any circumstances, have any warranty, indemnification or other liability or obligations with respect to Products to the extent related to or arising out of the design and/or specifications for such Products. Suggestions by Seller as to design, use and suitability of the Products are made in good faith; provided, however, Buyer assumes full responsibility for accepting and/or using such suggestions.

#### 9. Warranty.

(a) Seller warrants, that at the time of delivery, the Products will conform to the specifications, if any, that are a part of the Order Confirmation. Purchaser understands and hereby expressly agrees that any claim for defective materials, defective manufacture, or any other claim with respect to the Products shall be made directly to the manufacturer of the Product and not the Seller. Seller makes no warranties, either express or implied, regarding defective materials, defective manufacture, or any other claim with respect to Products. Seller may, at its sole election, and as Purchaser's sole remedy, make an allowance, repair, or replace such quantity of the Products as shall prove to be defective, then Purchaser shall hold and make available for inspection and testing by Seller all Products claimed by Purchaser to be defective.

(b) Services provided by Seller under an Order Confirmation will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

(c) THE SELLER DISCLAIMS, AND PURCHASER HEREBY EXPRESSLY WAIVES, ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH RESPECT TO THE PRODUCTS AND/OR SERVICES, AND/OR THE RESULTS OBTAINED FROM THEIR USE BY PURCHASER AND/OR ITS USERS, INCLUDING, WITHOUT LIMITATION, ANY STATUTORY OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER SPECIFICALLY, BUT NOT BY WAY OF LIMITATION, DISCLAIMS ANY AND ALL LIABILITY FOR THE USE OR PERFORMANCE OF THE SERVICES AND/OR PRODUCTS SELECTED BY THE PARTIES HEREBY EXPRESSLY ACKNOWLEDGE AND AGREE THAT THE UNIFORM COMMERCIAL CODE AND ANY SPECIFIC STATE ADOPTIONS THEREOF SHALL NOT GOVERN THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THESE TERMS OR ANY ORDER CONFIRMATION.

#### 10. Liability Limitation.

Specific performance shall not be available to Purchaser as a remedy in connection with Seller's providing of the Products and/or Services. Monetary damages against Seller shall be limited to the dollar amount charged to Purchaser for the applicable order placed by Purchaser and accepted by Seller for any of the Services and/or Products alleged to be the cause of any loss or damage, whether founded in contract, tort (including negligence), strict liability or otherwise, arising out of, or resulting from: (a) any order placed by Purchaser and accepted by Seller or Seller's performance or breach; or (b) the design, manufacture, delivery, sale, repair, replacement or use of any such Products. IN NO EVENT SHALL SELLER BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, EXEMPLARY, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, LOSS OF ANTICIPATED PROFITS, LOSS OF USE, LOSS OF REVENUE AND COST OF CAPITAL) ARISING OUT OF OR RELATING TO THE ORDER CONFIRMATION, ANY RELATED PURCHASE ORDER, OR THE SERVICE AND/OR PRODUCTS. ANY AGREEMENT VARYING OR EXTENDING THE REMEDIES SPECIFICALLY STATED HEREIN WILL BE BINDING ON SELLER ONLY WHEN SPECIFICALLY AGREED TO IN WRITING BY SELLER AND SPECIFICALLY REFERENCING THIS SECTION.

#### 11. Termination.

In the event that Purchaser fails to perform any of its obligations stated in the Order Confirmation or any related purchase order and fails to cure such breach within ten (10) days after receipt of written notice from the Seller specifying such breach, the Seller may at its option immediately terminate the Order Confirmation and/or any related purchase orders. Upon any such termination by Seller: (a) Seller shall be relieved of any further obligation to Purchaser (including, without limitation, any obligation with respect to delivery or transition of supply); (b) Purchaser shall be liable to Seller for the immediate payment of amounts then billed to date by Seller to Purchaser; (c) Purchaser shall purchase and pay Seller immediately for all raw materials, components, work in process and finished goods acquired by Seller in connection with the Order Confirmation and/or any related purchase orders; and (d) Purchaser shall immediately reimburse Seller for all other loss, cost or expense of Seller as a result of the termination of the Order Confirmation or any related purchase order.

#### 12. Right of Entry.

If applicable, Purchaser shall provide for Seller's right to enter the property owned by the Purchaser and/or others in order for Seller to perform the Services in the Order Confirmation. The Purchaser agrees, to the fullest extent permitted by law, to indemnify and hold Seller and his or her subconsultants harmless from any claim, liability or cost (including reasonable attorneys' fees and costs of defense) for injury or loss arising or allegedly arising from procedures associated with testing or investigative activities or discovery of hazardous materials or suspected hazardous materials on said property.

#### 13. Force Majeure.

Seller shall not be liable for any delay or failure to perform any obligation under this Agreement if such delay or failure is caused by circumstances beyond its reasonable control, including, without limitation, acts of God or public authority, riots or other public disturbances, labor disputes of any kind, electrical or power outages, utilities or telecommunications failures, earthquake, storms or other elements of nature, acts or orders of government, acts of terrorism or war, or acts by third parties, failure of Purchaser to provide required information, or the change in cost or availability of raw materials, components or services based on market conditions, supplier actions or contract disputes ("Force Majeure Event"). During a Force Majeure Event, Seller's obligations under the Order Confirmation and any related purchase order shall be suspended and Seller shall not have any obligation to provide Purchaser with Services from other sources or to pay or reimburse Purchaser for any additional costs to Purchaser of obtaining substitute Services, nor shall Seller be liable for any damages to Purchaser arising from or related to a Force Majeure Event.

#### 14. Employee Solicitation

Employee Solicitation. Purchaser agrees not to hire, attempt to hire, or retain as consultants or otherwise, employees and/or consultants of Seller directly or through a third-party entity during the employment or consulting period and for a period of one (1) year subsequent to the employee's and/or consultant's last day of work for Seller regardless of the circumstances surrounding employee's cause of termination of employment.

#### 15. Indemnification.

Purchaser holds harmless, indemnifies, and will defend Seller and its related or affiliated entities including their respective officers, agents and employees against any claims, liabilities, expenses, charges, or fines including attorney's fees and expenses to the extent directly or indirectly caused by Purchaser's (including those acting on behalf of Purchaser) (a) negligent acts or omissions and involving property damage or bodily injury; (b) breach of the terms of the contract between the parties; or (c) violation of applicable law. This provision shall apply even if there is concurrent negligence but shall not apply to property damage or bodily injury arising solely from Seller's negligence. Liability per above is not limited by limits of workers compensation coverage.

#### 16. Waiver.

Waiver by Seller of any of the terms or conditions of the Order Confirmation shall be effective only if in writing and signed by Seller, and shall not constitute a waiver of such terms as to any subsequent events or conditions, whether similar or dissimilar. No course of dealing or custom in the trade shall constitute a modification or waiver by Seller of any right.

#### 17. Survival.

These Terms shall survive and continue in full force and effect following the expiration, cancellation or termination of an Order Confirmation and any related purchase order

#### 18. Entire Agreement.

The Order Confirmation, including these Terms and any other attachments, exhibits or supplements specifically referenced in the Order Confirmation, constitutes the entire agreement between Seller and Purchaser with respect to the matters contained in the Order Confirmation and supersedes all prior oral or written representations and agreements. Except as otherwise provided in these Terms, the Order Confirmation may only be modified by a written agreement signed by Seller.

#### 19. Applicable Laws.

Unless otherwise specified, the laws of the State of Michigan, except for its choice of laws provisions, shall govern these Terms.

# TRANSMITTAL



---

<b>Attention:</b>	Mr. Chris McArthur, Director	<b>Date:</b>	July 19, 2019
<b>To:</b>	City of Hillsdale BPU 45 Monroe Street Hillsdale, MI 49242	<b>Project No.:</b>	812235
		<b>Project Description:</b>	2015 WW System Improvements SRF Project No. 5610-01 & -02

---

Quantity	Description
1	Pay Application #34 – L. D. Docsa

---

**Remarks** Chris,

Enclosed please find L.D. Docsa's final Application for Payment for the 2015 Wastewater System Improvements project.

Application for Payment No. 34 is for a total of \$454,707.73. This cost finalizes construction for Segment 1 and Segment 2.

Segment 1 and Segment 2 construction activities are be completed to date.

We have retained one original for our records. Please contact me at [cturner@fveng.com](mailto:cturner@fveng.com) or 616.821.0777 if you need any additional information.

Thank you,

- For Approval / Signature / Payment
- For Field Use
- For Your File
- Other:

---

*Corey Turner*  
Corey Turner  
Fleis & VandenBrink

**APPLICATION FOR PAYMENT NO. 34**

To: City of Hillsdale (OWNER)  
 From: L.D. Docsa Associates, Inc. (CONTRACTOR)  
 Contract: SRF Project No. 5610-01  
 Project: 2015 WWTP Improvements  
 OWNER's Contract No. \_\_\_\_\_ ENGINEER's Project No. 812234  
 For Work accomplished through the date of: 07/15/19

1. ORIGINAL CONTRACT PRICE:	<u>\$ 6,779,000.00</u>
2. Net change by Change Orders:	<u>\$ 1,711,328.05</u>
3. Current Contract Price (1 plus 2):	<u>\$ 7,490,328.05</u>
4. TOTAL COMPLETED AND STORED TO DATE:	<u>\$ 7,490,328.05</u>
5. RETAINAGE:	
_____ % of completed Work:	\$ _____
_____ % of Contract Price:	\$ _____
_____ % of stored material:	\$ _____
Total Retainage:	\$ _____
6. Total completed and stored to date less retainage (4 minus 5):	<u>\$ 7,490,328.05</u>
7. LESS PREVIOUS PAYMENTS:	<u>\$ 7,035,620.32</u>
8. AMOUNT DUE THIS APPLICATION (6 MINUS 7):	<u>\$ 454,707.73</u>

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies, to the best of its knowledge, the following: (1) All previous progress payments received from OWNER on account of Work done under the Contract have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment; (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to OWNER at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest, or encumbrances); and (3) All Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Dated: 7/15/19

L.D. Docsa Associates, Inc.  
 CONTRACTOR

By: *Deldre M. Sweet*  
 Authorized Signature

Deldre M. Sweet  
 Printed or Typed Name

ENGINEER's Recommendation:

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated 7/19/19

Fleis d Vanden Brink  
 ENGINEER

By: *Corey Turner*  
 Authorized Signature

Corey Turner  
 Printed or Typed Name

# REQUEST FOR PAYMENT

From: LD DOCSA 2302027  
 300 S. 8th Street  
 Kalamazoo, MI 49009

To: City of Hillsdale  
 Board of Public Utilities  
 97 N. Broad Street  
 Hillsdale, MI 49242

Invoice: 119792  
 Draw: 34  
 Invoice date: 7/15/2019  
 Period ending date: 7/31/2019

Contract For:

Project: 15-100  
 Hillsdale WWTP

Contract date: 11/2/2015

Architect:

Scope: SRF Project No. 5610-01  
 Owner & Engineer Project No. 812234

**Request for payment:**

Original contract amount	\$5,779,000.00
Approved changes	\$1,711,328.05
Revised contract amount	
Contract completed to date	
Add-ons to date	\$0.00
Taxes to date	\$0.00
Less retainage	\$0.00
Total completed less retainage	
Less previous requests	\$7,035,620.32
Current request for payment	
Current billing	\$77,027.25
Current additional charges	\$0.00
Current tax	\$0.00
Less current retainage	-\$377,680.48
Current amount due	\$454,707.73
Remaining contract to bill	\$0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Changes approved in previous months by Owner	1,812,599.11	-37,989.56
Total approved this Month		-63,281.50
<b>TOTALS</b>	<b>1,812,599.11</b>	<b>-101,271.06</b>
<b>NET CHANGES by Change Order</b>	<b>1,711,328.05</b>	

I hereby certify that the work performed and the materials supplied to date, as shown on the above represent the actual value of the accomplishment under the terms of the Contract (and all authorized changes thereof) between the undersigned and the City of Hillsdale relating to the above referenced project. I also certify that the contractor has paid all amounts previously billed and paid by the owner.

CONTRACTOR: LD DOCSA 2302027

State Of Michigan County Of Kalamazoo

By: *[Signature]* Subscribed and sworn to before me this 16 day of July, 2019

Date: 7-16-2019  
 Notary Public *[Signature]*  
 My commission expires: 4-13-2025

DEIDRE M. SWEET  
 NOTARY PUBLIC, STATE OF MI  
 COUNTY OF VAN BUREN  
 MY COMMISSION EXPIRES Apr 13, 2025  
 ACTING IN COUNTY OF Kalamazoo

# REQUEST FOR PAYMENT DETAIL

Project: 15-100 / Hillsdale WWTP

Invoice: 119792

Draw: 34

Period Ending Date: 7/31/2019      Detail Page 2 of 6 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
00-0010	General Conditions								
00-0050	Bonds and Insurance	71,500.00	71,500.00			71,500.00	100.00		
00-0070	Mobilization	108,000.00	108,000.00			108,000.00	100.00		
01-0000	Inlet Work Pumping System								
01-0010	Demolition	30,000.00	30,000.00			30,000.00	100.00		
01-0020	Site Utilities	140,000.00	140,000.00			140,000.00	100.00		
01-0030	Asphalt Paving	37,000.00	37,000.00			37,000.00	100.00		
01-0040	Concrete	25,000.00	25,000.00			25,000.00	100.00		
01-0050	Misc. Metals	10,000.00	10,000.00			10,000.00	100.00		
01-0060	Painting	6,000.00	6,000.00			6,000.00	100.00		
01-0070	Pump Material	56,000.00	56,000.00			56,000.00	100.00		
01-0080	Pump & Piping Installation	68,600.00	68,600.00			68,600.00	100.00		
01-0090	Mechanical	7,500.00	7,500.00			7,500.00	100.00		
01-0100	Electrical	50,000.00	50,000.00			50,000.00	100.00		
01-0110	Controls	63,000.00	63,000.00			63,000.00	100.00		
02-0000	Organics Solids Capture								
02-0010	Demolition	75,000.00	75,000.00			75,000.00	100.00		
02-0020	Dewatering	35,000.00	35,000.00			35,000.00	100.00		
02-0030	Earthwork	55,000.00	55,000.00			55,000.00	100.00		
02-0040	Site Utilities	40,000.00	40,000.00			40,000.00	100.00		
02-0050	Concrete	275,000.00	275,000.00			275,000.00	100.00		
02-0060	Metals	6,000.00	6,000.00			6,000.00	100.00		
02-0070	Weirs and Baffles	11,200.00	11,200.00			11,200.00	100.00		
02-0080	Painting	70,000.00	70,000.00			70,000.00	100.00		
02-0090	Clarifier Material	91,200.00	91,200.00			91,200.00	100.00		
02-0100	Clarifier Installation	61,850.00	61,850.00			61,850.00	100.00		
02-0110	Process Piping	35,000.00	35,000.00			35,000.00	100.00		
02-0120	Electrical	75,000.00	75,000.00			75,000.00	100.00		
02-0130	Controls	44,000.00	44,000.00			44,000.00	100.00		
03-0000	Oxidation Ditch Splitter Box								
03-0010	Excavation	10,000.00	10,000.00			10,000.00	100.00		
03-0020	Concrete	20,000.00	20,000.00			20,000.00	100.00		
03-0030	FRP Grating	6,000.00	6,000.00			6,000.00	100.00		

# REQUEST FOR PAYMENT DETAIL

Project: 15-100 / Hillsdale WWTP

Invoice: 119792

Draw: 34

Period Ending Date: 7/31/2019 Detail Page 3 of 6 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
03-0040	Gate Materials	14,000.00	14,000.00			14,000.00	100.00		
03-0050	Gate Installation	2,200.00	2,200.00			2,200.00	100.00		
03-0060	Process Piping	40,000.00	40,000.00			40,000.00	100.00		
03-0070	Electrical	7,800.00	7,800.00			7,800.00	100.00		
04-0000	Solids Building								
04-0010	Demolition	125,000.00	125,000.00			125,000.00	100.00		
04-0020	Excavation	40,000.00	40,000.00			40,000.00	100.00		
04-0030	Concrete	60,000.00	60,000.00			60,000.00	100.00		
04-0040	Precast	15,000.00	15,000.00			15,000.00	100.00		
04-0050	Masonry	66,100.00	66,100.00			66,100.00	100.00		
04-0060	Steel	50,000.00	50,000.00			50,000.00	100.00		
04-0070	Roofing	50,000.00	50,000.00			50,000.00	100.00		
04-0080	Carpentry	25,000.00	25,000.00			25,000.00	100.00		
04-0090	Doors	13,000.00	13,000.00			13,000.00	100.00		
04-0100	Painting	32,000.00	32,000.00			32,000.00	100.00		
04-0110	Air Compressor Material	15,000.00	15,000.00			15,000.00	100.00		
04-0120	Air Compressor Installation	10,000.00	10,000.00			10,000.00	100.00		
04-0130	Rotary Lobe & Grinder Material	76,000.00	76,000.00			76,000.00	100.00		
04-0140	Rotary Lobe & Grinder Install	35,000.00	35,000.00			35,000.00	100.00		
04-0150	Process Piping	65,000.00	65,000.00			65,000.00	100.00		
04-0160	Mechanical	84,000.00	84,000.00			84,000.00	100.00		
04-0170	Electrical	100,600.00	100,600.00			100,600.00	100.00		
04-0180	Controls	60,000.00	60,000.00			60,000.00	100.00		
05-0000	Oxidation Ditch Energy								
05-0010	Electrical	263,150.00	263,150.00			263,150.00	100.00		
05-0020	Controls	25,000.00	25,000.00			25,000.00	100.00		
06-0000	South Secondary Clarifier								
06-0010	Demolition	75,000.00	75,000.00			75,000.00	100.00		
06-0020	Dewatering	45,000.00	45,000.00			45,000.00	100.00		
06-0030	Sheeting	154,000.00	154,000.00			154,000.00	100.00		
06-0040	Earthwork	45,000.00	45,000.00			45,000.00	100.00		
06-0050	Site Utilities	25,000.00	25,000.00			25,000.00	100.00		
06-0060	Concrete	300,000.00	300,000.00			300,000.00	100.00		



# REQUEST FOR PAYMENT DETAIL

Project: 15-100 / Hillsdale WWTP

Invoice: 119792

Draw: 34

Period Ending Date: 7/31/2019

Detail Page 4 of 6 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
06-0070	Metals	6,000.00	6,000.00			6,000.00	100.00		
06-0080	Weirs and Baffles	11,200.00	11,200.00			11,200.00	100.00		
06-0090	Painting	80,000.00	80,000.00			80,000.00	100.00		
06-0100	Clarifier Material	94,000.00	94,000.00			94,000.00	100.00		
06-0110	Clarifier Installation	55,000.00	55,000.00			55,000.00	100.00		
06-0120	Process Piping	35,000.00	35,000.00			35,000.00	100.00		
06-0130	Electrical	70,000.00	70,000.00			70,000.00	100.00		
06-0140	Controls	70,000.00	70,000.00			70,000.00	100.00		
07-0000	South RAS/WAS Pump Static								
07-0010	Demolition	5,000.00	5,000.00			5,000.00	100.00		
07-0020	Concrete	5,000.00	5,000.00			5,000.00	100.00		
07-0030	FRP	2,000.00	2,000.00			2,000.00	100.00		
07-0040	Paint	2,000.00	2,000.00			2,000.00	100.00		
07-0050	Process Piping	1,500.00	1,500.00			1,500.00	100.00		
07-0060	Electrical	1,500.00	1,500.00			1,500.00	100.00		
07-0070	Controls	3,000.00	3,000.00			3,000.00	100.00		
08-0000	North RAS/WAS Pump Static								
08-0010	Demolition	5,000.00	5,000.00			5,000.00	100.00		
08-0020	Paint	2,000.00	2,000.00			2,000.00	100.00		
08-0030	Process Piping	1,500.00	1,500.00			1,500.00	100.00		
08-0040	Electrical	1,500.00	1,500.00			1,500.00	100.00		
08-0050	Controls	5,000.00	5,000.00			5,000.00	100.00		
09-0000	Anerobic Digester #3								
09-0010	Demolition	75,000.00	75,000.00			75,000.00	100.00		
09-0020	Site Piping	10,000.00	10,000.00			10,000.00	100.00		
09-0030	Concrete	30,000.00	30,000.00			30,000.00	100.00		
09-0040	Carpentry	15,000.00	15,000.00			15,000.00	100.00		
09-0050	Painting	46,000.00	46,000.00			46,000.00	100.00		
09-0060	Heat Exchange Material	45,000.00	45,000.00			45,000.00	100.00		
09-0070	Heat Exchange Installation	15,000.00	15,000.00			15,000.00	100.00		
09-0080	Gas Safety Equipment	125,000.00	125,000.00			125,000.00	100.00		
09-0090	Gas Safety Installation	35,000.00	35,000.00			35,000.00	100.00		
09-0100	Dry Pit Pumps Material	75,000.00	75,000.00			75,000.00	100.00		

# REQUEST FOR PAYMENT DETAIL

Project: 15-100 / Hillisdale WWTP      Invoice: 119792      Draw: 34      Period Ending Date: 7/31/2019      Detail Page 5 of 6 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
09-0110	Dry Pit Pumps Installation	25,000.00	25,000.00			25,000.00	100.00		
09-0120	Mixing System Material	160,000.00	160,000.00			160,000.00	100.00		
09-0130	Mixing System Installation	35,000.00	35,000.00			35,000.00	100.00		
09-0140	Process Piping	180,000.00	180,000.00			180,000.00	100.00		
09-0150	Mechanical	316,000.00	316,000.00			316,000.00	100.00		
09-0160	Dual Fuel Boiler	150,000.00	150,000.00			150,000.00	100.00		
09-0170	Electrical	272,000.00	272,000.00			272,000.00	100.00		
09-0180	Controls	108,000.00	108,000.00			108,000.00	100.00		
10-0010	Concrete Repair Type A	2,850.00		2,850.00		2,850.00	100.00		
11-0010	Concrete Repair Type B	5,750.00	908.50	4,841.50		5,750.00	100.00		
12-0010	Concrete Repair Type C	6,900.00		6,900.00		6,900.00	100.00		
13-0010	Concrete Repair Type D	5,150.00		5,150.00		5,150.00	100.00		
14-0010	Concrete Repair Type E	5,450.00		5,450.00		5,450.00	100.00		
15-0010	Concrete Repair Type F	14,000.00		14,000.00		14,000.00	100.00		
16-0000	Combined Heat and Power								
16-0010	Demolition	10,000.00	10,000.00			10,000.00	100.00		
16-0020	Earthwork	6,000.00	6,000.00			6,000.00	100.00		
16-0030	Concrete	24,000.00	24,000.00			24,000.00	100.00		
16-0040	Masonry	8,000.00	8,000.00			8,000.00	100.00		
16-0050	Carpentry	3,500.00	3,500.00			3,500.00	100.00		
16-0060	Painting	13,500.00	13,500.00			13,500.00	100.00		
17-0100	CO 2	1,122,000.00	1,122,000.00			1,122,000.00	100.00		
18-0100	CO 4	156,918.75	156,918.75			156,918.75	100.00		
19-0100	CO 5	142,370.41	142,370.41			142,370.41	100.00		
20-0100	CO 7	12,583.30	12,583.30			12,583.30	100.00		
21-0100	CO 6	10,485.47	10,485.47			10,485.47	100.00		
22-0100	CO 8	27,421.75	27,421.75			27,421.75	100.00		
23-0100	CO 3	67,995.75	67,995.75			67,995.75	100.00		
24-0100	CO 9	40,829.38	40,829.38			40,829.38	100.00		
25-0100	CO 10	8,665.05	8,665.05			8,665.05	100.00		
26-0100	CO 11	-17,989.56	-17,989.56			-17,989.56	100.00		
27-0100	CO 12	60,527.25		60,527.25		60,527.25	100.00		
28-0100	CO 13	142,802.00	102,212.00	40,590.00		142,802.00	100.00		

# REQUEST FOR PAYMENT DETAIL

Project: 15-100 / Hillisdale WWTP      Invoice: 119792      Draw: 34      Period Ending Date: 7/31/2019      Detail Page 6 of 6 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
29-0100	CO 14	-63,281.50		-63,281.50		-63,281.50	100.00		

Totals		7,490,328.05	7,413,300.80	77,027.25		7,490,328.05	100.00		
--------	--	--------------	--------------	-----------	--	--------------	--------	--	--

**Waste Water Treatment Plant Progress Report****July****SRF5610-01**

Available Funding	\$ 7,435,000.00
Amount Previously Disbursed	\$ 7,110,329.00
<b>Amount Requested for Disbursement</b>	<b>\$ 13,010.00</b>
Total Cumulative Amount Incurred To Date	\$ 7,123,339.00
Total left for disbursement	\$ 311,661.00

**SRF5610-02**

Available Funding	\$ 2,000,000.00
Amount Previously Disbursed	\$ 1,837,271.00
<b>Amount Requested for Disbursement</b>	<b>\$ -</b>
Total Cumulative Amount Incurred To Date	\$ 1,837,271.00
Total left for disbursement	\$ 162,729.00

Invoice Total for Month	\$ 13,010.00
-------------------------	--------------

Docsa Remaining Contract to Bill	\$ 454,707.73
Fleis&Vandenbrink Remaining Contract to Bill	\$ 72,607.82

	Funding Amount Remaining	\$ 474,390.00
	Remaining contract to bill	\$ 527,315.55
Additional Work Outside of the Project		\$ 61,440.00
	Projected shortfall	\$ (114,365.55)

# Hillsdale BPU Water Distribution / Wastewater Collections / WWTP

Bill Briggs, Superintendent

Water License: D2,S1 #15686

Wastewater License: B,C,D #18359

## Incident Report

July 2019

### Significant Events Wastewater Collections

### Significant Events Wastewater Treatment

Replaced north clarifier drive unit.

### Significant Events Water Distribution

Replaced valves, one at Galloway and West, one north of Galloway on West,  
and one on Galloway at Summit.

### Leak Detection Efforts

### After Hour Call Outs:

Backup on Summit Street

Backup on Rippon Street

Backup on Griswold Street

### AMI Meter Exchange

4 meters exchanged

### Wastewater Department Operations Report

2019/2020	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD	%	2018/2019
Treated (Gal)	39531000												39531000	AVG	38727250
Max. Treated (gal/day)	1557000												1557000	MAX	2780000
Avg. Treated (gal/day)	1275000												1275000	AVG	1274250
Precipitation (in)	2.99												2.99	TOTAL	44.93
Raw SS (mg/l)	95												95	AVG	129
Final SS (mg/l)	1.4												1.4	AVG	1.4
Permit SS (mg/l)	20	20	20	20	20	30	30	30	30	30	20	20		MO. AVG	
% Removal	99	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	AVG	99
Raw CBOD (mg/l)	84.2												84	AVG	109
Final CBOD (mg/l)	1.21												1.2	AVG	1.5
Permit CBOD (mg/l)	4	4	4	4	4	15	15	15	15	18	4	4		MO. AVG	
% Removal	99	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	AVG	99
Raw Phosphorus (mg/l)	3.2												3.2	AVG	4.1
Final Phosphorus (mg/l)	0.7												0.70	AVG	0.63
Permit Phosphorus (mg/l)	1	1	1	1	1	1	1	1	1	1	1	1		MO. AVG	
% Removal	78	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	AVG	84
Raw Ammonia (mg/l)	23.9												23.9	AVG	20.4
Final Ammonia (mg/l)	0.1												0.1	AVG	0.3
Permit Ammonia (mg/l)	0.5	0.5	0.5	0.5	0.5	8.6	8.6	8.6	8.6	9.1	0.5	0.5		MO. AVG	
% Removal	100	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	AVG	99
Final Mercury (ng/l)	1.8												1.80	12 Mo. AVG	0.78
Permit Mercury (ng/l)	2	2	2	2	2	2	2	2	2	2	2	2		12 Mo. AVG	
Sludge - Digest (gal)	137100												137100	AVG	1012831
Sludge - Land (gal)	0												0	TOTAL	1851000
Sludge - Dry Tons	0												0	TOTAL	184.9
Ferrous Chlor. (gal/Mgal)	52.1												52.1	AVG	48.4
CL2 (lb/Mgal)	17.8												17.8	AVG	16.8
SO2 (lb/Mgal)	6												6.0	AVG	5.0

### Water Department Operational Report

	2018/2019														
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD		
Raw Water Pump (Gal)	47104000												47104000	Ave	44954750
Treated Water (Gal)	42254000												42254000	Ave	40943833
Max. Daily (Gal)	1698000												1698000	Peak	2088000
Avg. Daily (Gal)	1363000												1363000	Ave	1327417
Backwash (Gal)	1125000												1125000	Ave	1431250
Water Sold (Gal)	20800006												20800006	Ave	20502769
% Treated Sold	50.6	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	50.6	Ave	52.8
% Loss	49.4												49.4		
Raw Iron (mg/l)	3.53												3.53	Ave	3.50
Finished Iron (mg/l)	0.12												0.12	Ave	0.13
SDWA Stand. (mg/l)	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	Ave	0.30
% Removal	0.97	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.97	Ave	0.96
Raw Mang. (mg/l)	0.26													Ave	0.25
Finished Mang. (mg/l)	0.05													Ave	0.06
SDWA Stand. (mg/l)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	Ave	0.05
% Removal	8.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		Ave	7.6
Chlorine (lb/Mgal)	20.8												20.8	Ave	20.1
Phosphate (lb/Mgal)	13.2												13.2	Ave	14.6
Pot. Perm. (lb/Mgal)	6.8												6.8	Ave	10.0
Flouride (lb/Mgal)	3.2												3.2	Ave	3.8

## Operations Report for July 2019

- Voltage upgrade work has started with underground being installed in the rear lots of the Dawn Theater block. Overhead lines along Carelton Rd are also being prepared for voltage upgrade.
- Tree crews have started line clearance for the next year.
- The new electric dump truck has arrived and is in service.

## Incident Report for July 2019

- 13 outage events for the month
- Squirrels led the way with 5 outages

## Upcoming Field Projects

- Substation switches are due in Early August
- Fusing installation at the fairgrounds.
- Finishing capacitor installation
- 3 Ductile Iron poles have been purchased for trial.

## Monthly Outage Numbers

<u>July IEEE Results</u>		<u>Yearly IEEE Results</u>
ASAI	99.9869%	99.9891 %
CAIDI	49.647 min	62.07 min
SAIDI	5.656 min	33.024 min
SAIFI	0.114	0.532



# Power Plant Monthly Report for July

---

Engines 5 and 6 were dispatched to run for a total of 6.2 hours this month. Both engines performed well with no issues.

Put a fresh coat of Paint on all the blue doors at the power plant and the breaker buildings.

Installed new warning labels on the large diesel fuel storage tank.

Cleaned air conditioning condenser at power plant to help with better efficiency during the hot months.

Utilities Instrumentation Service changed out an Ion meter on feeder 12.

DC Myers took samples of all the tap changers and transformer oil for annual analysis.

Stack testing will take place on August 13-15 at the power plant. This is part of our requirement for our Renewable Operating Permit. This is done every 3 years.

The Renewable Operating Permit has been approved by the state and has been finalized. This permit is good for 5 years. No significant changes were made. We took engines 2,3 and 4 off of the permit as they have been decommissioned, and added the cooling towers in as that was changed since the last permit.

**Production & Operating Report**

**July**

Unit	Total KW	On Gas	Test Hours	Fuel Consumption		Eng Hrs
				Gas (MCF)	Oil(Gals)	
5	31545.87	30384.25	0	262	215	6.1
6	34599.24	33601.010	0	270	394	6.2
Stand By			2.5		14	2
Boiler				0		
<b>Total</b>	<b>66145.11</b>	<b>63985.26</b>	<b>0</b>	<b>532</b>	<b>609</b>	<b>12.3</b>

**Year-to-Date Totals, January 1st thru December 31st**

Unit	Total KW	On Gas	Test Hours	Fuel Consumption		Eng Hrs
				Gas (MCF)	Oil(Gals)	
5	96078.812	84872.49	2.8	697	1139	19.3
6	100875.74	92605.880	2.7	777	1696	19.3
Stand By			15		101.5	15
Boiler				1533.4		
<b>Total</b>	<b>196954.552</b>	<b>177478.37</b>	<b>5.5</b>	<b>3007.4</b>	<b>2835</b>	<b>38.6</b>

**Measurement**

**Fuel Tank Level August 2019**

4.525 29,193.49 Gallons

Gas Usage this Month%		Fuel Usage this Month%	
Unit 5	49%	Unit 5	35%
Unit6	51%	Unit6	65%
Boiler	0%		

RATE STABILIZATION FUND BALANCE  
MEMBER TOTAL

7/22/2019

HILLSDALE

DATE	DEPOSIT (\$)	INTEREST RATE (%)	INTEREST (\$)	WITHDRAWAL (\$)	BALANCE (\$)	DEPOSIT (\$)	INTEREST (\$)	WITHDRAWAL (\$)	BALANCE (\$)
Jul-18	47,660	1.711	15,074	0	10,747,041	0	4,081	0	2,896,950
Aug-18	71,784	1.716	15,323	0	10,834,148	0	4,131	0	2,901,081
Sep-18	106,855	1.752	15,493	0	10,956,496	0	4,149	0	2,905,229
Oct-18	15,201	1.809	15,996	11,844	10,975,849	0	4,242	0	2,909,471
Nov-18	6,537	1.907	16,546	44,591	10,954,342	0	4,386	0	2,913,857
Dec-18	7,492	1.989	17,408	134,158	10,845,084	0	4,631	49,404	2,869,083
Jan-19	7,952	1.966	17,976	1,246,541	9,624,470	0	4,756	60,072	2,813,767
Feb-19	322,874	1.954	15,768	0	9,963,112	0	4,610	0	2,818,377
Mar-19	175,441	1.945	16,223	2,300,000	7,854,776	0	4,589	2,300,000	522,966
Apr-19	316,836	1.881	12,731	684,654	7,499,689	0	848	0	523,813
May-19	17,651	1.890	11,756	0	7,529,096	0	821	0	524,634
Jun-19	34,427	1.904	11,858	127,516	7,447,865	0	826	0	525,461
Jul-19	20,655	0.000	11,817	243,558	7,236,779	0	834	0	526,295
Aug-19	0	0.000	0	0	NA	0	0	0	NA
Sep-19	0	0.000	0	0	NA	0	0	0	NA
Oct-19	0	0.000	0	0	NA	0	0	0	NA
Nov-19	0	0.000	0	0	NA	0	0	0	NA
Dec-19	0	0.000	0	0	NA	0	0	0	NA
Jan-20	0	0.000	0	0	NA	0	0	0	NA
Feb-20	0	0.000	0	0	NA	0	0	0	NA
Mar-20	0	0.000	0	0	NA	0	0	0	NA
Apr-20	0	0.000	0	0	NA	0	0	0	NA
May-20	0	0.000	0	0	NA	0	0	0	NA
	27,762,964		3,575,362	23,890,461	7,447,865	5,258,707	576,155	5,309,402	525,461

**MEMBERS PEAK DEMAND**  
(THIS MONTH VS THIS MONTH LAST YEAR)

Year	Month	<u>CLINTON</u>		<u>COLDWATER</u>		<u>HILLSDALE</u>		<u>MARSHALL</u>		<u>UNION CITY</u>		<u>MEMBER TOTAL</u>		<u>MEMBER COINCIDENT</u>	
		Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)	Demand (KW)	Chg. (%)
2017	JULY	5,362	-1.9	63,204	2.6	25,952	-1.2	22,666	-1.6	3,821	-3.8	121,005	0.5	117,021	-2.3
	AUG.	5,016	-14.5	67,485	4.2	24,960	-10.2	22,001	-7.8	3,671	-13.1	123,133	-2.6	122,665	-1.6
	SEPT.	5,531	-5.9	70,092	-8.9	25,834	-7.7	22,382	-10.1	3,600	-8.8	127,439	-8.7	124,955	0.0
	OCT.	4,108	9.1	90,515	15.5	19,712	1.3	17,846	2.9	2,487	9.6	134,668	11.1	128,096	9.1
	NOV.	3,738	-3.0	89,595	13.0	17,184	-1.3	15,732	-0.5	2,652	4.9	128,901	8.4	127,049	9.6
	DEC.	4,005	-1.3	89,543	9.7	18,720	-2.1	16,573	-1.7	2,918	-4.3	131,759	5.7	130,389	5.8
2018	JAN.	4,183	4.4	92,944	14.1	19,008	2.6	17,036	5.3	3,065	9.3	136,236	10.8	134,760	11.3
	FEB.	4,034	2.3	92,826	15.8	19,008	3.8	16,425	-0.7	2,715	-1.3	135,008	10.9	133,689	11.2
	MAR.	3,843	-3.9	91,598	14.7	17,984	2.0	16,201	0.2	2,499	-0.2	132,125	9.9	130,863	9.9
	APR.	3,622	2.3	89,555	14.9	17,888	5.3	16,015	-0.1	2,293	5.8	129,373	10.9	128,483	11.3
	MAY	5,605	33.4	88,777	61.5	26,026	26.5	22,593	14.6	3,414	41.2	146,415	43.7	130,285	29.0
	JUNE	5,767	7.3	76,053	22.4	28,040	5.7	23,238	-1.7	3,949	8.2	137,047	13.0	136,684	13.0
YTD PEAK		5,767	-1.9	92,944	13.9	28,040	0.1	23,238	-6.6	3,949	-6.5	146,415	4.9	136,684	9.4
2018	JULY	5,994	11.8	73,747	16.7	26,624	2.6	21,634	-4.6	4,121	7.9	132,120	9.2	130,987	11.9
	AUG.	5,551	10.7	75,353	11.7	27,488	10.1	23,459	6.6	4,038	10.0	135,889	10.4	135,003	10.1
	SEPT.	5,872	6.2	79,416	13.3	27,744	7.4	23,656	5.7	3,554	-1.3	140,242	10.0	134,120	7.3
	OCT.	4,510	9.8	91,450	1.0	21,920	11.2	18,986	6.4	2,658	6.9	139,524	3.6	132,844	3.7
	NOV.	3,536	-5.4	100,728	12.4	18,144	5.6	16,515	5.0	2,794	5.4	141,717	9.9	140,894	10.9
	DEC.	3,647	-8.9	101,828	13.7	18,784	0.3	16,726	0.9	2,969	1.7	143,954	9.3	142,587	9.4
2019	JAN.	3,993	-4.5	102,481	10.3	20,864	9.8	17,351	1.8	3,148	2.7	147,837	8.5	145,462	7.9
	FEB.	3,802	-5.8	101,698	9.6	19,584	3.0	16,735	1.9	2,644	-2.6	144,463	7.0	144,009	7.7
	MAR.	3,675	-4.4	101,110	10.4	19,257	7.1	16,927	4.5	2,712	8.5	143,681	8.7	143,161	9.4
	APR.	3,317	-8.4	96,126	7.3	17,280	-3.4	15,287	-4.5	2,109	-8.0	134,119	3.7	132,183	2.9
	MAY	3,580	-36.1	72,063	-18.8	19,040	-26.8	16,154	-28.5	2,004	-41.3	112,841	-22.9	107,830	-17.2
	JUNE	4,952	-14.1	69,213	-9.0	24,224	-13.6	19,908	-14.3	3,063	-22.4	121,360	-11.4	119,465	-12.6
YTD PEAK		5,994	3.9	102,481	10.3	27,744	-1.1	23,656	1.8	4,121	4.4	147,837	1.0	145,462	6.4

**MEMBER ENERGY USAGE**  
(THIS MONTH VS THIS MONTH LAST YEAR)

Year	Month	CLINTON		COLDWATER		HILLSDALE		MARSHALL		UNION CITY		MEMBER TOTAL	
		Energy (KWHRS)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Energy (KWHRS)	Chg. (%)
2017	JULY	2,428,014	-5.6	32,820,117	6.1	12,116,375	-2.8	10,778,020	-2.6	1,665,468	-2.2	59,807,994	1.8
	AUG.	2,259,470	-15.4	35,357,874	2.4	11,647,443	-12.3	10,539,870	-11.0	1,610,355	-4.1	61,415,012	-4.0
	SEPT.	2,060,056	-5.3	33,487,618	6.7	10,793,122	-4.7	9,577,384	-3.7	1,260,739	-1.9	57,178,919	1.9
	OCT.	1,972,484	2.8	39,517,515	10.3	10,341,195	2.4	9,149,892	1.6	1,228,499	-0.4	62,209,585	7.1
	NOV.	2,004,418	3.9	43,770,286	16.3	9,958,512	3.3	8,646,901	1.4	1,414,571	6.8	65,794,688	11.4
	DEC.	2,267,414	1.8	46,019,446	7.8	10,806,097	-0.2	9,111,384	-1.2	1,588,645	1.4	69,792,986	4.9
	JAN.	2,337,752	5.7	48,782,616	10.1	11,208,326	3.1	9,664,031	2.3	1,612,883	6.9	73,605,608	7.7
	FEB.	2,017,701	4.4	43,290,247	24.1	9,928,553	5.2	8,478,763	0.9	1,357,620	5.1	65,072,884	16.3
	MAR.	2,010,189	-4.2	43,191,137	26.8	10,502,838	1.2	9,126,617	-0.4	1,406,878	-0.3	66,237,659	16.0
	APR.	1,828,036	1.1	40,954,442	36.2	9,845,184	6.6	8,638,702	4.4	1,247,469	8.8	62,513,833	23.7
	MAY	2,090,073	9.6	38,296,112	33.1	10,815,832	10.6	9,542,765	6.7	1,255,834	7.3	62,000,616	22.6
	JUNE	2,267,799	4.6	35,947,761	15.7	11,506,914	3.5	9,985,399	-1.8	1,376,184	-1.9	61,084,057	9.2
YTD TOTAL	25,543,406	-0.3	481,435,171	15.7	129,470,391	0.8	113,239,728	-0.7	17,025,145	1.8	766,713,841	9.4	
2018	JULY	2,585,875	6.5	37,325,723	13.7	12,984,825	7.2	11,015,697	2.2	1,827,325	9.7	65,739,445	9.9
	AUG.	2,544,642	12.6	39,933,734	12.9	13,009,875	11.7	11,341,913	7.6	1,749,123	8.6	68,579,287	11.7
	SEPT.	2,085,584	1.2	38,043,871	13.6	11,357,306	5.2	9,681,480	1.1	1,349,838	7.1	62,518,079	9.3
	OCT.	1,935,217	-1.9	46,169,089	16.8	10,529,472	1.8	9,030,558	-1.3	1,307,404	6.4	68,971,740	10.9
	NOV.	1,847,254	-7.8	48,970,316	11.9	10,243,959	2.9	8,662,261	0.2	1,498,316	5.9	71,222,106	8.2
	DEC.	1,985,815	-12.4	53,995,750	17.3	10,379,776	-3.9	8,932,826	-2.0	1,590,340	0.1	76,884,507	10.2
2019	JAN.	2,062,390	-11.8	56,864,844	16.6	11,324,676	1.0	9,621,841	-0.4	1,605,968	-0.4	81,479,719	10.7
	FEB.	1,833,710	-9.1	50,057,277	15.6	10,169,056	2.4	8,704,964	2.7	1,411,310	4.0	72,176,317	10.9
	MAR.	1,938,777	-3.6	49,458,638	14.5	10,524,918	0.2	9,071,347	-0.6	1,404,378	-0.2	72,398,058	9.3
	APR.	1,731,603	-5.3	37,316,160	-8.9	9,443,008	-4.1	8,160,388	-5.5	1,139,327	-8.7	57,790,486	-7.6
	MAY	1,748,598	-16.3	35,180,405	-8.1	9,767,767	-9.7	8,630,362	-9.6	1,133,116	-9.8	56,460,248	-8.9
	JUNE	1,967,862	-13.2	34,424,381	-4.2	10,535,599	-8.4	9,437,480	-5.5	1,234,618	-10.3	57,599,940	-5.7
YTD TOTAL	24,267,327	-5.0	527,740,188	9.6	130,270,237	0.6	112,291,117	-0.8	17,251,063	1.3	811,819,932	5.9	

**MEMBER ENERGY USAGE**  
(YEAR TO DATE - RUNNING AVERAGE)

Year	Month	CLINTON			COLDWATER			HILLSDALE			MARSHALL			UNION CITY			MEMBER TOTAL			
		Energy (KWHRS)	Chg. (%)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Chg. (%)	Energy (KWHRS)	Chg. (%)	Chg. (%)	
2017	JULY	2,428,014	-5.6	6.1	32,820,117	-2.8	10,778,020	-2.6	1,665,468	-2.2	59,807,994	1.8	1,610,355	-3.1	61,415,012	-1.2	1,610,355	-3.1	61,415,012	-1.2
	AUG.	2,259,470	-10.6	4.2	35,357,874	-7.7	10,539,870	-6.9	1,610,355	-6.9	61,415,012	-1.2	1,610,355	-6.9	61,415,012	-1.2	1,610,355	-6.9	61,415,012	-1.2
	SEPT.	2,060,056	-9.1	5.0	33,487,618	-6.8	9,577,384	-5.9	1,260,739	-5.9	57,178,919	-0.2	1,260,739	-5.9	57,178,919	-0.2	1,260,739	-5.9	57,178,919	-0.2
	OCT.	1,972,484	-6.6	6.4	39,517,515	-4.8	9,149,892	-4.3	1,228,499	-4.3	62,209,585	1.6	1,228,499	-4.3	62,209,585	1.6	1,228,499	-4.3	62,209,585	1.6
	NOV.	2,004,418	-4.8	8.6	43,770,286	-3.5	8,646,901	-3.3	1,414,571	-3.3	65,794,688	3.5	1,414,571	-3.3	65,794,688	3.5	1,414,571	-3.3	65,794,688	3.5
	DEC.	2,267,414	-3.7	8.5	46,019,446	-2.9	9,111,384	-3.0	1,588,645	-3.0	69,792,986	3.8	1,588,645	-3.0	69,792,986	3.8	1,588,645	-3.0	69,792,986	3.8
	JAN.	2,337,752	-2.4	8.7	48,782,616	-2.1	9,664,031	-2.3	1,612,883	0.8	73,605,608	4.4	1,612,883	-2.3	73,605,608	4.4	1,612,883	0.8	73,605,608	4.4
	FEB.	2,017,701	-1.7	10.6	43,290,247	-1.3	8,478,763	-1.9	1,357,620	1.3	65,072,884	5.8	1,357,620	-1.9	65,072,884	5.8	1,357,620	1.3	65,072,884	5.8
	MAR.	2,010,189	-1.9	12.3	43,191,137	-1.0	9,126,617	-1.8	1,406,878	1.1	66,237,659	6.8	1,406,878	-1.8	66,237,659	6.8	1,406,878	1.1	66,237,659	6.8
	APR.	1,828,036	-1.7	14.3	40,954,442	-0.4	8,638,702	-1.2	1,247,469	1.7	62,513,833	8.3	1,247,469	-1.2	62,513,833	8.3	1,247,469	1.7	62,513,833	8.3
	MAY	2,090,073	-0.8	15.7	38,296,112	0.5	9,542,765	-0.5	1,255,834	2.2	62,000,616	9.4	1,255,834	-0.5	62,000,616	9.4	1,255,834	2.2	62,000,616	9.4
	JUNE	2,267,799	-0.3	15.7	35,947,761	0.8	9,985,399	-0.7	1,376,184	1.8	61,084,057	9.4	1,376,184	-0.7	61,084,057	9.4	1,376,184	1.8	61,084,057	9.4
YTD TOTAL		25,543,406	-0.3	15.7	481,435,171	0.8	129,470,391	0.8	113,239,728	-0.7	766,713,841	9.4	17,025,145	1.8	766,713,841	9.4	17,025,145	1.8	766,713,841	9.4
2018	JULY	2,585,875	0.0	15.6	37,325,723	15.6	12,984,825	1.1	11,015,697	-0.5	65,739,445	9.4	1,827,325	2.2	65,739,445	9.4	1,827,325	2.2	65,739,445	9.4
	AUG.	2,544,642	0.5	15.5	39,933,734	15.5	13,009,875	1.5	11,341,913	-0.2	68,579,287	9.5	1,749,123	2.5	68,579,287	9.5	1,749,123	2.5	68,579,287	9.5
	SEPT.	2,085,584	0.5	15.4	38,043,871	15.4	11,357,306	1.7	9,681,480	-0.1	62,518,079	9.5	1,349,838	2.6	62,518,079	9.5	1,349,838	2.6	62,518,079	9.5
	OCT.	1,935,217	0.4	15.5	46,169,089	15.5	10,529,472	1.7	9,030,558	-0.2	68,971,740	9.5	1,307,404	2.7	68,971,740	9.5	1,307,404	2.7	68,971,740	9.5
	NOV.	1,847,254	0.2	15.3	48,970,316	15.3	10,243,959	1.7	8,662,261	-0.2	71,222,106	9.5	1,498,316	2.9	71,222,106	9.5	1,498,316	2.9	71,222,106	9.5
	DEC.	1,985,815	-0.3	15.4	53,995,750	15.4	10,379,776	1.5	8,932,826	-0.2	76,884,507	9.5	1,590,340	2.7	76,884,507	9.5	1,590,340	2.7	76,884,507	9.5
2019	JAN.	2,062,390	-0.7	15.5	56,864,844	15.5	11,324,676	1.5	9,621,841	-0.2	81,479,719	9.6	1,605,968	2.6	81,479,719	9.6	1,605,968	2.6	81,479,719	9.6
	FEB.	1,833,710	-0.9	15.5	50,057,277	15.5	10,169,056	1.5	8,704,964	-0.2	72,176,317	9.6	1,411,310	2.7	72,176,317	9.6	1,411,310	2.7	72,176,317	9.6
	MAR.	1,938,777	-1.0	15.5	49,458,638	15.5	10,524,918	1.5	9,071,347	-0.2	72,398,058	9.6	1,404,378	2.6	72,398,058	9.6	1,404,378	2.6	72,398,058	9.6
	APR.	1,731,603	-1.1	14.7	37,316,160	14.7	9,443,008	1.3	8,160,388	-0.3	57,790,486	9.1	1,139,327	2.3	57,790,486	9.1	1,139,327	2.3	57,790,486	9.1
	MAY	1,748,598	-1.5	14.0	35,180,405	14.0	9,767,767	1.0	8,630,362	-0.6	56,460,248	8.6	1,133,116	2.0	56,460,248	8.6	1,133,116	2.0	56,460,248	8.6
	JUNE	1,967,862	-1.9	13.5	34,424,381	13.5	10,535,599	0.7	9,437,480	-0.7	57,599,940	8.1	1,234,618	1.6	57,599,940	8.1	1,234,618	1.6	57,599,940	8.1
YTD TOTAL		24,267,327	-5.0	9.6	527,740,188	9.6	130,270,237	0.6	112,291,117	-0.8	811,819,932	5.9	17,251,063	1.3	811,819,932	5.9	17,251,063	1.3	811,819,932	5.9

HILLSDALE BILLING REPORT

Service Month Jun-19  
Billing Month Jul-19

	THIS MONTH			LAST MONTH			YEAR TO DATE		
	FY 2019	FY 2018	Variance	FY 2019	FY 2018	Variance	FY 2019	FY 2018	Variance
<b>DEMAND (KW)</b>	24,224	28,040	-13.6%	19,040	26,026	-26.8%	27,744	28,040	-1.1%
<b>ENERGY (KWHR)</b>									
Project I	0	0	0.0%	0	0	0.0%	0	0	0.0%
Project IV	0	0	0.0%	0	0	0.0%	0	0	0.0%
Menominee	565,166	681,848	-17.1%	539,705	695,611	-22.4%	5,517,837	7,691,694	-28.3%
Oconto Falls	510,261	368,852	38.3%	521,269	467,114	11.6%	4,320,037	4,537,669	-4.8%
Prairie State	0	0	0.0%	0	0	0.0%	0	0	0.0%
AFEC	4,813,365	4,862,304	-1.0%	3,616,967	5,159,193	-29.9%	59,785,812	52,500,912	13.9%
AMP Hydro 1	805,321	1,760,358	-54.3%	1,104,558	1,399,870	-21.1%	11,494,140	14,848,737	-22.6%
AMP Hydro 2 Greenup	121,079	196,450	-38.4%	137,328	136,206	0.8%	1,340,479	1,845,390	-27.4%
AMP Hydro 2 Meldahl	277,925	409,148	-32.1%	332,303	317,442	4.7%	3,019,092	3,205,739	-5.8%
AMP Solar	0	0	0.0%	0	0	0.0%	0	0	0.0%
Supplemental	3,572,882	3,419,926	4.5%	3,725,561	3,076,354	21.1%	46,310,287	46,096,309	0.5%
MISO Sales	(130,401)	(191,972)	32.1%	(209,925)	(435,959)	51.8%	(1,517,447)	(1,256,060)	-20.8%
<b>Total Billing</b>	<b>10,535,599</b>	<b>11,506,914</b>	<b>-8.4%</b>	<b>9,767,767</b>	<b>10,815,832</b>	<b>-9.7%</b>	<b>130,276,237</b>	<b>129,470,391</b>	<b>0.6%</b>
<b>FIXED COSTS</b>									
Project IV Debt service	0	0	0.0%	0	0	0.0%	0	0	0.0%
Prairie State Debt service/Capacity Credit	0	0	0.0%	0	0	0.0%	0	0	0.0%
AFEC Debt service/Capacity Credit	25,389	6,752	276.0%	4,470	15,444	-71.1%	85,716	172,574	-50.3%
AMP Hydro 1 Debt Serv/Capacity Cr	200,794	198,688	1.1%	198,520	200,150	-0.8%	2,387,686	2,336,688	2.2%
AMP Greenup Debt Serv/Capacity Cr	8,955	7,611	17.7%	8,043	7,833	2.7%	94,836	86,903	9.1%
AMP Meldahl Debt Serv/Capacity Cr	23,658	22,106	7.0%	21,947	22,743	-3.5%	266,099	273,008	-2.5%
AMP Solar Debt Serv/Capacity Cr	0	0	0.0%	0	0	0.0%	0	0	0.0%
Project I Other	0	0	0.0%	0	1,112	-100.0%	0	36,629	-100.0%
Project IV Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
Prairie State Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
AMPGS Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
Coldwater Peaking Plant Other	0	0	0.0%	3,546	0	0.0%	3,546	0	0.0%
AFEC Other	41,869	36,956	13.3%	41,869	36,956	13.3%	472,951	451,136	4.8%
AMP Hydro 1 Other	(33,273)	4,400	-856.3%	(33,273)	4,400	-856.3%	(173,239)	(83,426)	-107.7%
AMP Hydro 2 Greenup Other	1,407	5,938	-76.3%	1,407	1,798	-21.7%	18,795	37,125	-49.4%
AMP Hydro 2 Meldahl Other	(6,066)	(363)	-1569.4%	(6,066)	(363)	-1569.4%	(38,578)	(6,654)	-479.8%
AMP Solar Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
Menominee Other	515	516	-0.1%	516	516	0.1%	6,189	3,993	55.0%
Oconto Other	213	213	0.0%	213	215	-0.7%	2,561	245	944.5%
Substation Other	0	0	0.0%	0	0	0.0%	0	18	-100.0%
Rate Stabilization Fund	0	0	0.0%	0	0	0.0%	0	417,260	-100.0%
Transmission Other	56,803	57,250	-0.8%	43,395	55,456	-21.7%	707,177	624,378	13.3%
Administration Other	45,125	33,583	34.4%	20,741	25,453	-18.5%	329,478	366,259	-10.0%
MISO Other	25,851	15,344	68.5%	16,089	7,188	123.8%	154,619	83,858	84.4%
Capacity Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>Total (\$)</b>	<b>391,240</b>	<b>388,995</b>	<b>0.6%</b>	<b>321,417</b>	<b>378,899</b>	<b>-15.2%</b>	<b>4,317,837</b>	<b>4,799,996</b>	<b>-10.0%</b>
<b>(\$/Net kwhr)</b>	<b>0.03714</b>	<b>0.03381</b>	<b>9.8%</b>	<b>0.03291</b>	<b>0.03503</b>	<b>-6.1%</b>	<b>0.03315</b>	<b>0.03707</b>	<b>-10.6%</b>
<b>VARIABLE COSTS</b>									
Project IV	0	0	0.0%	0	0	0.0%	0	0	0.0%
Menominee	27,693	33,411	-17.1%	26,446	34,085	-22.4%	270,374	376,893	-28.3%
Oconto	23,982	17,336	38.3%	24,500	21,954	11.6%	203,042	213,270	-4.8%
Prairie State	0	0	0.0%	0	0	0.0%	0	0	0.0%
AFEC	106,971	101,141	5.8%	89,939	68,530	31.2%	1,688,467	1,257,624	34.3%
AMP Hydro 1	24,624	53,859	-54.3%	33,730	42,876	-21.3%	351,470	92,859	278.5%
AMP Hydro 2 Greenup	433	390	11.0%	486	39	1161.0%	4,248	455	834.0%
AMP Hydro 2 Meldahl	8,498	12,518	-32.1%	10,148	9,723	4.4%	92,309	22,128	317.2%
AMP Solar	0	0	0.0%	0	0	0.0%	0	0	0.0%
AMP Contracts	51,793	56,924	-9.0%	36,375	50,076	-27.4%	534,959	283,532	88.7%
Substation Load Cost	278,183	387,476	-28.2%	274,582	399,039	-31.2%	4,467,198	4,344,333	2.8%
Market Resource Value	(207,950)	(322,476)	35.5%	(185,543)	(319,007)	41.8%	(3,157,609)	(2,880,664)	-9.6%
Substation	232	199	16.8%	1,875	83	2159.0%	7,183	4,375	64.2%
Purchased Power	0	0	0.0%	0	0	0.0%	0	0	0.0%
Member Power	1,773	2,200	-19.4%	1,840	5,043	-63.5%	19,104	64,061	-70.2%
Transmission Losses	(3,648)	(6,191)	41.1%	(2,430)	(4,166)	41.7%	(62,753)	(58,597)	-7.1%
Wholesale Distribution	0	0	0.0%	0	0	0.0%	0	0	0.0%
Other	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>Total (\$)</b>	<b>312,585</b>	<b>336,788</b>	<b>-7.2%</b>	<b>311,948</b>	<b>308,274</b>	<b>1.2%</b>	<b>4,417,991</b>	<b>3,720,268</b>	<b>18.8%</b>
<b>(\$/Net kwhr)</b>	<b>0.02967</b>	<b>0.02927</b>	<b>1.4%</b>	<b>0.03194</b>	<b>0.02850</b>	<b>12.0%</b>	<b>0.03391</b>	<b>0.02873</b>	<b>18.0%</b>
<b>TOTAL COSTS</b>									
<b>(\$)</b>	<b>703,824</b>	<b>725,783</b>	<b>-3.0%</b>	<b>633,365</b>	<b>687,173</b>	<b>-7.8%</b>	<b>8,735,828</b>	<b>8,520,264</b>	<b>2.5%</b>
<b>(\$/Net kwhr)</b>	<b>0.06680</b>	<b>0.06307</b>	<b>5.9%</b>	<b>0.06484</b>	<b>0.06353</b>	<b>2.1%</b>	<b>0.06706</b>	<b>0.06381</b>	<b>1.9%</b>
<b>CREDITS</b>									
Sales to Agency (kwhr)	28,591	36,348	-21.3%	29,655	83,160	-64.3%	307,232	981,752	-68.7%
(\$)	1,773	2,200	-19.4%	1,840	5,043	-63.5%	19,104	64,061	-70.2%
Dispatch Authority	0	0	0.0%	0	0	0.0%	0	0	0.0%
Third Party/Member Sales Credits	0	0	0.0%	0	0	0.0%	0	0	0.0%
Prior Period Adjust (Debit) Credit	0	0	0.0%	0	0	0.0%	0	0	0.0%
Misc. (Expense)/Credit	0	0	0.0%	0	0	0.0%	0	0	0.0%
Rate Stab. Fund	0	0	0.0%	0	0	0.0%	109,476	0	0.0%
<b>Total (\$)</b>	<b>1,773</b>	<b>2,200</b>	<b>-19.4%</b>	<b>1,840</b>	<b>5,043</b>	<b>-63.5%</b>	<b>128,580</b>	<b>64,061</b>	<b>100.7%</b>
<b>(\$/Net kwhr)</b>	<b>0.00017</b>	<b>0.00019</b>	<b>-12.0%</b>	<b>0.00019</b>	<b>0.00047</b>	<b>-59.6%</b>	<b>0.00099</b>	<b>0.00049</b>	<b>99.5%</b>
<b>BILLING COSTS</b>									
<b>Total (\$)</b>	<b>702,051</b>	<b>723,583</b>	<b>-3.0%</b>	<b>631,525</b>	<b>682,131</b>	<b>-7.4%</b>	<b>8,607,248</b>	<b>8,456,203</b>	<b>1.8%</b>
<b>(\$/Net kwhr)</b>	<b>0.06664</b>	<b>0.06288</b>	<b>6.0%</b>	<b>0.06465</b>	<b>0.06307</b>	<b>2.5%</b>	<b>0.06607</b>	<b>0.06531</b>	<b>1.2%</b>

MISO & PJM Market Impacts and Resource Cost Summary - June, 2019

		Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
Substation Loads	MWh	1,968	32,157	10,507	9,327	1,044	55,003
	\$	\$ 52,228	\$ 832,467	\$ 278,183	\$ 245,010	\$ 28,050	\$ 1,435,938
	\$/MWh	\$ 26.54	\$ 25.89	\$ 26.48	\$ 26.27	\$ 26.88	\$ 26.11
GFA	MWh	-	-	-	-	-	-
	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$/MWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Market Load Cost	MWh	1,968	32,157	10,507	9,327	1,044	55,003
	\$	\$ 52,228	\$ 832,467	\$ 278,183	\$ 245,010	\$ 28,050	\$ 1,435,938
	\$/MWh	\$ 26.54	\$ 25.89	\$ 26.48	\$ 26.27	\$ 26.88	\$ 26.11

Resource Costs as Invoiced			
	O&M	Fixed	Total
\$/MWh	\$ -	\$ -	\$ -
\$	\$ -	\$ -	\$ -

Market Value of Resources

Endicott	MWh	-	-	-	-	-	-
\$	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Manominee	MWh	(144)	(887)	(565)	(532)	(89)	(2,216)
\$26.85 \$/MWh	\$	\$ (3,868)	\$ (23,802)	\$ (15,174)	\$ (14,281)	\$ (2,380)	\$ (59,505)
Oconto Falls	MWh	(130)	(800)	(510)	(480)	(80)	(2,001)
\$25.70 \$/MWh	\$	\$ (3,343)	\$ (20,571)	\$ (13,114)	\$ (12,342)	\$ (2,057)	\$ (51,427)
AFEC	MWh	(824)	(11,744)	(4,813)	(3,581)	(763)	(21,726)
\$23.73 \$/MWh	\$	\$ (19,547)	\$ (278,661)	\$ (114,206)	\$ (84,962)	\$ (18,115)	\$ (515,492)
Prairie State	MWh	-	(6,821)	-	(1,364)	-	(8,185)
\$22.30 \$/MWh	\$	\$ -	\$ (152,099)	\$ -	\$ (30,414)	\$ -	\$ (182,513)
AMP Hydro 1 CSW	MWh	(166)	(1,540)	(805)	(663)	-	(3,174)
\$22.51 \$/MWh	\$	\$ (3,734)	\$ (34,650)	\$ (18,125)	\$ (14,924)	\$ -	\$ (71,433)
AMP Hydro2 Greenup	MWh	(18)	(297)	(121)	(98)	-	(535)
\$22.36 \$/MWh	\$	\$ (406)	\$ (6,619)	\$ (2,698)	\$ (2,191)	\$ -	\$ (11,914)
AMP Hydro 2 Meldahl	MWh	(42)	(682)	(278)	(226)	-	(1,228)
\$22.40 \$/MWh	\$	\$ (945)	\$ (15,275)	\$ (6,224)	\$ (5,058)	\$ -	\$ (27,502)
AMP Solar	MWh	-	(125)	-	-	-	(125)
\$27.06 \$/MWh	\$	\$ -	\$ (3,261)	\$ -	\$ -	\$ -	\$ (3,261)
AMP Contracts	MWh	(291)	(3,670)	(1,379)	(1,016)	(43)	(6,400)
\$26.86 \$/MWh	\$	\$ (8,188)	\$ (95,992)	\$ (38,408)	\$ (27,968)	\$ (1,319)	\$ (171,876)
AFEC Repurchase	MWh	-	-	-	-	-	-
\$	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AFEC Sales	\$	-	-	-	-	-	-
\$	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Resources	MWh	(1,615)	(26,567)	(8,472)	(7,961)	(973)	(45,590)
\$	\$	\$ (40,031)	\$ (630,929)	\$ (207,950)	\$ (192,141)	\$ (23,871)	\$ (1,094,922)
\$/MWh	\$	\$ 24.78	\$ 23.75	\$ 24.54	\$ 24.14	\$ 24.48	\$ 24.02

\$/MWh	\$ 49.00	\$ 0.91	\$ 49.91
\$	\$ 108,601	\$ 2,021	\$ 110,622
\$/MWh	\$ 47.00	\$ 0.42	\$ 47.42
\$	\$ 94,048	\$ 837	\$ 94,885
\$/MWh	\$ 22.22	\$ 13.97	\$ 36.20
\$	\$ 482,834	\$ 303,579	\$ 786,413
\$/MWh	\$ 12.69	\$ 41.07	\$ 53.76
\$	\$ 103,853	\$ 336,201	\$ 440,054
\$/MWh	\$ 30.38	\$ 208.02	\$ 238.59
\$	\$ 97,045	\$ 660,223	\$ 757,268
\$/MWh	\$ 3.58	\$ 85.58	\$ 89.16
\$	\$ 1,912	\$ 45,753	\$ 47,665
\$/MWh	\$ 30.58	\$ 63.30	\$ 93.87
\$	\$ 37,549	\$ 77,731	\$ 115,280
\$/MWh	\$ 7.99	\$ 30.59	\$ 38.58
\$	\$ 997	\$ 3,819	\$ 4,817
\$/MWh	\$ 37.27	\$ 0.58	\$ 37.84
\$	\$ 236,640	\$ 3,687	\$ 240,327
MWh	(45,590)	(45,590)	(45,590)
\$	\$ 1,163,478	\$ 1,433,853	\$ 2,597,331
\$/MWh	\$ 25.52	\$ 31.45	\$ 56.97

Cost of Resources

O&M	\$	48,673	634,310	243,199	210,635	26,661	1,163,478
	\$/MWh	\$ 30.13	\$ 23.88	\$ 28.70	\$ 26.46	\$ 27.34	\$ 25.52
Fixed	\$	50,604	840,204	264,256	267,982	10,807	1,433,853
	\$/MWh	\$ 31.33	\$ 31.63	\$ 31.19	\$ 33.66	\$ 11.08	\$ 31.45
Total	\$	99,277	1,474,514	507,455	478,616	37,468	2,597,331
	\$	\$ 61.46	\$ 55.50	\$ 59.90	\$ 60.12	\$ 38.42	\$ 56.97

Market Purchases	MWh	381	6,120	2,165	1,507	144	10,316
	\$	9,479	130,403	51,458	35,235	3,335	229,923
	\$/MWh	\$ 24.86	\$ 21.31	\$ 23.77	\$ 23.38	\$ 23.21	\$ 22.29

Market Sales	MWh	(29)	(529)	(130)	(140)	(75)	(904)
	\$	(698)	(12,903)	(3,280)	(3,411)	(1,646)	(21,938)
	\$/MWh	\$ 24.26	\$ 24.37	\$ 25.15	\$ 24.35	\$ 21.92	\$ 24.27

Summary

MISO Load	\$	\$ 52,228	\$ 832,467	\$ 278,183	\$ 245,010	\$ 28,050	\$ 1,435,938
Resource Value	\$	\$ (40,031)	\$ (630,929)	\$ (207,950)	\$ (192,141)	\$ (23,871)	\$ (1,094,922)
Resource Cost	\$	\$ 99,277	\$ 1,474,514	\$ 507,455	\$ 478,616	\$ 37,468	\$ 2,597,331
Total	\$	\$ 111,475	\$ 1,676,052	\$ 577,688	\$ 531,485	\$ 41,647	\$ 2,938,347
	\$/MWh	\$ 56.65	\$ 52.12	\$ 54.98	\$ 56.98	\$ 39.90	\$ 53.42



**Project 1 - Endicott Summary**  
**June, 2019**

	Monthly kWh		YTD kWh				
Gross Generation	-		0				
House Service from Generation	-	0.00%	0	0.00%			
Net Generation (Net kWh)	-		0				
Third Party Sales	-		-				
Net Endicott	-		0				
<b>House Service</b>	<b>kWh</b>		<b>kWh</b>				
Generated	-		0				
Purchased	-		-				
Total House Service	-		0				
<b>Operation and Maintenance Costs</b>							
				Year-to-Date		Annual Budget	% YTD to Budget
<b>Fuels Related Costs</b>	<b>Tons/Units</b>	<b>\$</b>	<b>\$/Net kWh</b>	<b>\$</b>	<b>\$/Net kWh</b>	<b>\$</b>	
Coal	-	-	-	-	-	-	0.00%
Ash	-	-	-	-	-	-	0.00%
Gypsum	-	-	-	-	-	-	0.00%
Limestone	-	-	-	-	-	-	0.00%
Natural Gas - Lighters (MCF)	-	-	-	-	-	-	0.00%
Gas Transportation Charge/Credit (DTH)	-	-	-	-	-	-	0.00%
Petroleum Coke	-	-	-	-	-	-	0.00%
FTF	-	-	-	-	-	-	0.00%
Gross Fuels Related Costs		-	-	-	-	-	0.00%
Endicott Fuel Billed as Fixed Costs		-	-	-	-	-	0.00%
Member Fuel Related Costs		-	-	-	-	-	0.00%
<b>Other Costs</b>							
Labor and Overtime		-	-	-	-	-	0.00%
Other Fringe Benefits		-	-	-	-	-	0.00%
Engineering		-	-	-	-	-	0.00%
Wastewater Tests and Other Expenses		-	-	-	-	-	0.00%
Lubricants and Misc O&M Supplies		-	-	-	-	-	0.00%
Safety and Employee Education		-	-	-	-	-	0.00%
Misc. Office Supplies and Travel		-	-	-	-	-	0.00%
Utilities and Telephone Expense		-	-	-	-	-	0.00%
Security Services		-	-	-	-	-	0.00%
Misc. Fuel Expenses		-	-	-	-	-	0.00%
Structure Maintenance		-	-	-	-	-	0.00%
Boiler Maintenance		-	-	-	-	-	0.00%
Scrubber Maintenance		-	-	-	-	-	0.00%
Wastewater Maintenance		-	-	-	-	-	0.00%
Misc. Elect Plant - Maintenance		-	-	-	-	-	0.00%
Misc. Steam Plant-Maintenance		-	-	-	-	-	0.00%
Endicott Closing Costs		-	-	-	-	-	0.00%
FTF Consulting		-	-	-	-	-	0.00%
FTF Operations		-	-	-	-	-	0.00%
FTF Maintenance		-	-	-	-	-	0.00%
FTF Tipping Fee/Tire Revenue		-	-	-	-	-	0.00%
FTF Steel Revenue		-	-	-	-	-	0.00%
FTF REC Revenue		-	-	-	-	-	0.00%
Chemicals		-	-	-	-	-	0.00%
Insurance		-	-	-	-	-	0.00%
Pipeline Minimum Use Reserve Fund		-	-	-	-	-	0.00%
Severance and Related Fund		-	-	-	-	-	0.00%
Plant Natural Gas		-	-	-	-	-	0.00%
In Lieu of Tax		-	-	-	-	-	0.00%
Emissions/Environmental Expense/Rev		-	-	-	-	-	0.00%
Regulatory Expense		-	-	-	-	-	0.00%
MISO Reactive Credit		-	-	-	-	-	0.00%
REC/Emissions Related Expenses		-	-	-	-	-	0.00%
Purchased In-House		-	-	-	-	-	0.00%
Endicott Fuel Costs billed as fixed		-	-	-	-	-	0.00%
Total Other Costs		-	-	-	-	-	0.00%
<b>Total Operation and Maintenance Costs</b>		-	-	-	-	-	0.00%
<b>Total Endicott Costs</b>		-	-	-	-	-	0.00%

**Project 1 - Endicott Allocation of Costs  
June, 2019**

	Current Month			Year to Date		
	Net kWh	\$	\$/Net kWh	Net kWh	\$	\$/Net kWh
<b>Total Endicott Costs</b>	-	-	-	-	-	-
<b>Costs Allocated to Members</b>	<b>Clinton</b>	<b>Coldwater</b>	<b>Hillsdale</b>	<b>Marshall</b>	<b>Union City</b>	<b>Total</b>
Percentage	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Net kWh after third party sales	-	-	-	-	-	-
Fuels Expenses and Sales Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$/Net kWh	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-
\$/Net kWh	-	-	-	-	-	-
Total O & M Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$/Net kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Endicott Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$/Net kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Above \$/Net kWh calculations are computed on net kWh's after deducting third party sales.

**Project IV Operating Summary  
June, 2019**

Operation	Current	Year
	Month	To-Date
# of Hours	198	688
Net kWh Generation	2,032,959	5,602,666
Average kWh/Hour	10,267.47	8,143.41
Cost (\$)	57,035.42	181,195.03
Net Cost (\$/kWh)	0.02806	0.03234
Gas Consumed (MMBTU)	18,781.45	51,962.22
Gas Consumed (MMBTU/kWh)	0.00924	0.00927
Gas Cost (\$)	51,973.48	165,352.68
Gas Cost (\$/kWh)	0.02557	0.02951
Transportation (MCF)	17,564.000	48,801.00
Transportation (MCF/kWh)	0.00864	0.00871
Transportation Cost	5,061.94	15,842.35
Transportation Cost (\$/kWh)	0.00249	0.00283

Natural Gas	Gal	\$	\$/Gal	Gas Consumed (Gal/Net kWh)	Gas Cost (\$/Net kWh)
Beginning Balance	-	-	-	-	-
Purchases/Transferred out	18,781.57	51,974.16	2.767	-	-
Aggregate Meter Usage	0.12	0.68	5.667	-	-
Used	18,781.45	51,973.48	2.767	0.00924	0.02557
Ending Balance	-	-	-	-	-

**Operations and Maintenance Costs**

	Current Month		Year to Date	
	\$	\$/Net kWh	\$	\$/Net kWh
<b>Fuel Costs</b>				
Member Fuel Costs	57,035.42	0.02806	181,195.03	0.03234
Charged to Project Costs	-	-	-	-
<b>Net Fuel Costs</b>	<u>57,035.42</u>	<u>0.02806</u>	<u>181,195.03</u>	<u>0.03234</u>
<b>Other Costs</b>				
O&M Costs	39,389.27	0.01938	356,765.17	0.06368
Regulatory expense	-	-	1,846.15	0.00033
Bond Issue Expense	-	-	-	-
Insurance	3,435.17	-	41,222.02	0.00736
<b>Total Other Costs</b>	<u>42,824.44</u>	<u>0.02107</u>	<u>399,833.34</u>	<u>0.07136</u>
<b>Total Operation and Maintenance Costs</b>	<u>99,859.86</u>	<u>0.04912</u>	<u>581,028.37</u>	<u>0.10371</u>
<b>Total Capital Costs</b>	-	-	-	-
<b>Total Debt Service Costs</b>	<u>118,000.00</u>	<u>0.05804</u>	<u>1,433,000.00</u>	<u>0.25577</u>
<b>Total Project IV Costs</b>	<u>\$ 217,859.86</u>	<u>\$ 0.10716</u>	<u>\$ 2,014,028.37</u>	<u>\$ 0.35948</u>

Costs Allocated to Members	Clifton	Coldwater	Hillsdale	Marshall	Ontonagon	Total
Project IV Percentage	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Net kWh	0	2,032,959	0	0	0	2,032,959
Member Fuel Costs \$	-	57,035.42	-	-	-	57,035.42
\$/Net kWh	0.00000	0.02806	0.00000	0.00000	0.00000	0.02806
Other Costs	-	42,824.44	-	-	-	42,824.44
\$/Net kWh	-	0.02107	-	-	-	0.02107
<b>Total O &amp; M Costs \$</b>	<b>-</b>	<b>99,859.86</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>99,859.86</b>
\$/Net kWh	-	0.04912	-	-	-	0.04912
Project IV Capital Costs	-	-	-	-	-	-
\$/Net kWh \$	-	-	-	-	-	-
Project IV Debt Service	-	118,000.00	-	-	-	118,000.00
\$/Net kWh \$	-	0.05804	-	-	-	0.05804
<b>Total Project IV Costs \$</b>	<b>-</b>	<b>217,859.86</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>217,859.86</b>
\$/Net kWh \$	-	0.10716	-	-	-	0.10716

**UP Hydro  
June, 2019**

Gross Generation		Current Month	Year-To-Date
Menominee	kWh's	2,216,339	21,638,575
Oconto Falls	kWh's	2,001,025	16,941,323
<b>Total UP Hydro Production</b>		<b>4,217,364</b>	<b>38,579,898</b>

		Current Month		Year-to-Date	
		\$	\$/Net kWh	\$	\$/Net kWh
<b>Menominee Hydro</b>					
O&M Variable Costs		108,600.61	0.04900	1,060,290.19	0.04900
O&M Fixed Costs	Transmission	2,021.40	0.00091	24,272.30	0.00112
MISO Congestion		-	-	-	-
<b>Menominee Total</b>		<b>110,622.01</b>	<b>0.04991</b>	<b>1,084,562.49</b>	<b>0.05012</b>
<b>Oconto Falls</b>					
O&M Variable Costs		94,048.18	0.04700	796,242.20	0.04700
O&M Fixed Costs	Transmission	837.00	0.00042	10,044.00	0.00059
MISO Congestion		-	-	-	-
<b>Oconto Falls Total</b>		<b>94,885.18</b>	<b>0.04742</b>	<b>806,286.20</b>	<b>0.04759</b>
<b>Total UP Hydro Costs</b>		<b>\$ 205,507.19</b>	<b>0.04873</b>	<b>\$ 1,890,848.69</b>	<b>0.04901</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
----------------------------	---------	-----------	-----------	----------	------------	-------

**Hydro Splits**

Percentage	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Menominee Net kWh	144,062	886,536	565,166	531,921	88,654	2,216,339
Oconto Falls Net kWh	130,067	800,410	510,261	480,246	80,041	2,001,025
<b>Menominee</b>						
O & M Variable Costs \$	7,059.04	\$ 43,440.24	\$ 27,693.16	\$ 26,064.15	\$ 4,344.02	\$ 108,600.61
O & M Fixed Costs \$	131.39	\$ 808.56	\$ 515.46	\$ 485.14	\$ 80.86	\$ 2,021.40
<b>Total Menominee Costs \$</b>	<b>7,190.43</b>	<b>\$ 44,248.80</b>	<b>\$ 28,208.61</b>	<b>\$ 26,549.28</b>	<b>\$ 4,424.88</b>	<b>\$ 110,622.01</b>
<b>\$/Net kWh</b>	<b>0.04991</b>	<b>0.04991</b>	<b>0.04991</b>	<b>0.04991</b>	<b>0.04991</b>	<b>0.04991</b>
<b>Oconto Falls</b>						
O & M Variable Costs \$	6,113.13	\$ 37,619.27	\$ 23,982.28	\$ 22,571.56	\$ 3,761.93	\$ 94,048.18
O & M Fixed Costs \$	54.41	\$ 334.80	\$ 213.44	\$ 200.88	\$ 33.48	\$ 837.00
<b>Total Oconto Costs \$</b>	<b>6,167.54</b>	<b>\$ 37,954.07</b>	<b>\$ 24,195.72</b>	<b>\$ 22,772.44</b>	<b>\$ 3,795.41</b>	<b>\$ 94,885.18</b>
<b>\$/Net kWh</b>	<b>0.04742</b>	<b>0.04742</b>	<b>0.04742</b>	<b>0.04742</b>	<b>0.04742</b>	<b>0.04742</b>
<b>UP Hydro Totals</b>						
O & M Variable Costs \$	13,172.17	\$ 81,059.51	\$ 51,675.44	\$ 48,635.71	\$ 8,105.95	\$ 202,648.79
O & M Fixed Costs \$	185.80	\$ 1,143.36	\$ 728.89	\$ 686.02	\$ 114.34	\$ 2,858.40
<b>Total UP Hydro Costs \$</b>	<b>13,357.97</b>	<b>\$ 82,202.87</b>	<b>\$ 52,404.33</b>	<b>\$ 49,321.72</b>	<b>\$ 8,220.29</b>	<b>\$ 205,507.19</b>
<b>\$/Net kWh</b>	<b>0.04873</b>	<b>0.04873</b>	<b>0.04873</b>	<b>0.04873</b>	<b>0.04873</b>	<b>0.04873</b>

**AMPGS  
June, 2019**

	Current Month		Year-to-Date	
	\$	\$/Net kWh	\$	\$/Net kWh
<b>AMPGS</b>				
Shared Costs	\$ -	-	\$ -	-
Stranded Costs	15,000.00	-	680,000.00	-
<b>Total AMPGS</b>	<b>\$ 15,000.00</b>	<b>-</b>	<b>\$ 680,000.00</b>	<b>-</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
AMPGS Shared Costs	1.071%	54.286%	32.143%	11.607%	0.893%	
O & M Stranded Costs	-	15,000.00	-	-	-	15,000.00
O&M Shared Costs	-	-	-	-	-	-
<b>Total AMPGS Costs</b>	<b>\$ -</b>	<b>\$ 15,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000.00</b>

**Prairie State  
June, 2019**

	kWh's	Current Month		Year-To-Date	
<b>Gross Generation</b>		<u>8,185,384</u>		<u>99,103,290</u>	
		Current Month		Year-to-Date	
		\$	\$/Net kWh	\$	\$/Net kWh
<b>Prairie State</b>					
O&M Variable Costs		\$ 103,852.57	0.01269	\$ 1,775,417.93	0.01791
O&M Fixed Costs		93,338.68	0.01140	\$ 944,883.14	0.00953
Capacity		(26,103.97)	(0.00319)	\$ (557,467.45)	(0.00563)
Debt Service		268,966.29	0.03286	\$ 3,062,115.48	0.03090
<b>Total Prairie State</b>		<u>\$ 440,053.57</u>	<u>0.05376</u>	<u>\$ 5,224,949.10</u>	<u>0.05272</u>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
<b>Prairie State</b>						
DS Percentage	0.00%	83.34%	0.00%	16.66%	0.00%	100.00%
Net kWh	-	6,821,382	-	1,364,002	-	8,185,384
<b>O &amp; M Variable Costs \$</b>	-	\$ 86,546.71	\$ -	\$ 17,305.86	\$ -	\$ 103,852.57
<b>\$/Net kWh</b>	-	0.01269	-	0.01269	-	0.01269
<b>O &amp; M Fixed Costs \$</b>	-	\$ 77,784.84	\$ -	\$ 15,553.84	\$ -	\$ 93,338.68
<b>\$/Net kWh</b>	-	0.01140	-	0.01140	-	0.01140
<b>O &amp; M Costs \$</b>	-	\$ 164,331.55	\$ -	\$ 32,859.70	\$ -	\$ 197,191.25
<b>\$/Net kWh</b>	-	0.02409	-	0.02409	-	0.02409
Capacity \$	-	\$ (21,754.04)	\$ -	\$ (4,349.93)	\$ -	\$ (26,103.97)
<b>\$/Net kWh</b>	-	(0.00319)	-	(0.00319)	-	(0.00319)
Debt Service \$	-	\$ 224,146.08	\$ -	\$ 44,820.21	\$ -	\$ 268,966.29
<b>\$/Net kWh</b>	-	0.03286	-	0.03286	-	0.03286
<b>Total Prairie State Costs \$</b>	-	\$ 366,723.59	\$ -	\$ 73,329.98	\$ -	\$ 440,053.57
<b>\$/Net kWh</b>	-	0.05376	-	0.05376	-	0.05376

**AFEC**  
**June, 2019**

Gross Generation	kWh's	Current Month		Year-To-Date	
			21,726,012		269,854,290
		Current Month		Year-to-Date	
		\$	\$/Net kWh	\$	\$/Net kWh
<b>AFEC</b>					
O&M Variable Costs		\$ 482,833.92	0.02222	\$ 7,621,207.21	0.02824
O&M Fixed Costs		188,983.25	0.00870	2,134,753.10	0.00791
Capacity		(101,377.00)	(0.00467)	(2,228,597.48)	(0.00826)
Debt Service		215,972.98	0.00994	2,615,494.22	0.00969
<b>Total AFEC</b>		<b>\$ 786,413.15</b>	<b>0.03620</b>	<b>\$ 10,142,857.05</b>	<b>0.03759</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
<b>AFEC</b>						
DS Percentage	3.79%	54.06%	22.15%	16.48%	3.51%	100.00%
Net kWh	823,851	11,744,492	4,813,365	3,580,832	763,472	21,726,012
O & M Variable Costs \$	18,309.07	261,006.89	106,971.13	79,579.60	16,967.22	482,833.92
\$/Net kWh	0.02222	0.02222	0.02222	0.02222	0.02222	0.02222
O&M Fixed Costs \$	7,166.25	102,159.21	41,868.95	31,147.79	6,641.04	188,983.25
\$/Net kWh	0.00870	0.00870	0.00870	0.00870	0.00870	0.00870
<b>Total O&amp;M Costs \$</b>	<b>25,475.32</b>	<b>363,166.10</b>	<b>148,840.08</b>	<b>110,727.39</b>	<b>23,608.26</b>	<b>671,817.17</b>
\$/Net kWh	0.03092	0.03092	0.03092	0.03092	0.03092	0.03092
Capacity \$	(3,844.22)	(54,801.65)	(22,459.92)	(16,708.73)	(3,562.48)	(101,377.00)
\$/Net kWh	(0.00467)	(0.00467)	(0.00467)	(0.00467)	(0.00467)	(0.00467)
Debt Service \$	8,189.70	116,749.12	47,848.49	35,596.18	7,589.49	215,972.98
\$/Net kWh	0.00994	0.00994	0.00994	0.00994	0.00994	0.00994
<b>Total AFEC Costs \$</b>	<b>29,820.80</b>	<b>425,113.57</b>	<b>174,228.65</b>	<b>129,614.84</b>	<b>27,635.27</b>	<b>786,413.15</b>
\$/Net kWh	0.03620	0.03620	0.03620	0.03620	0.03620	0.03620

**AMP Hydro 1 Project  
June, 2019**

Gross Generation -AMP Hydro 1	kWh's	Current Month		Year-To-Date	
		3,173,885		45,300,037	
		Current Month		Year-to-Date	
		\$	\$/Net kWh	\$	\$/Net kWh
<b>AMP Hydro 1</b>					
O&M Variable Costs		97,045.16	0.03058	1,385,192.26	0.03058
O&M Fixed Costs		(131,133.40)	(0.04132)	(682,761.12)	(0.01507)
Capacity		(6,028.77)	(0.00190)	(173,141.34)	(0.00382)
Debt Service		797,385.40	0.25123	9,583,352.16	0.21155
<b>Total AMP Hydro 1</b>		\$ 757,268.39	0.23859	\$ 10,112,641.96	0.22324

Costs Allocated to Members		Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
AMP Hydro 1 Percentage		5.23%	48.51%	25.37%	20.89%	0.00%	100.00%
Net kWh		165,899	1,539,543	805,321	663,122	-	3,173,885
<b>AMP Hydro 1</b>							
O & M Variable Costs	\$	5,072.55	\$ 47,073.28	\$ 24,623.62	\$ 20,275.71	\$ -	\$ 97,045.16
\$/Net kWh		0.03058	0.03058	0.03058	0.03058	-	0.03058
O&M Fixed Costs	\$	(6,854.34)	\$ (63,608.32)	\$ (33,272.95)	\$ (27,397.79)	\$ -	\$ (131,133.40)
\$/Net kWh		(0.04132)	(0.04132)	(0.04132)	(0.04132)	-	(0.04132)
<b>Total O&amp;M Costs</b>	\$	<b>(1,781.79)</b>	<b>\$ (16,535.04)</b>	<b>\$ (8,649.33)</b>	<b>\$ (7,122.08)</b>	<b>\$ -</b>	<b>\$ (34,088.24)</b>
\$/Net kWh		<b>(0.01074)</b>	<b>(0.01074)</b>	<b>(0.01074)</b>	<b>(0.01074)</b>	<b>-</b>	<b>(0.01074)</b>
Capacity	\$	(315.12)	\$ (2,924.35)	\$ (1,529.70)	\$ (1,259.60)	\$ -	\$ (6,028.77)
\$/Net kWh		(0.00190)	(0.00190)	(0.00190)	(0.00190)	-	(0.00190)
Debt Service	\$	41,679.34	\$ 386,784.32	\$ 202,323.45	\$ 166,598.29	\$ -	\$ 797,385.40
\$/Net kWh		0.25123	0.25123	0.25123	0.25123	-	0.25123
<b>AMP Hydro 1</b>	\$	<b>39,582.43</b>	<b>\$ 367,324.93</b>	<b>\$ 192,144.42</b>	<b>\$ 158,216.61</b>	<b>\$ -</b>	<b>\$ 757,268.39</b>
\$/Net kWh		<b>0.23859</b>	<b>0.23859</b>	<b>0.23859</b>	<b>0.23859</b>	<b>-</b>	<b>0.23859</b>



**AMP Hydro 2 Projects  
June, 2019**

	Current Month		Year-To-Date	
Gross Generation -AMP Hydro Greenup	kWh's		534,618	
Gross Generation -AMP Hydro Meldahl	kWh's		13,340,173	
	Current Month		Year-to-Date	
	\$	\$/Net kWh	\$	\$/Net kWh
<b>AMP Hydro Greenup</b>				
O&M Variable Costs	1,911.87	0.00358	18,756.78	0.00317
O&M Fixed Costs	6,213.18	0.01162	82,986.44	0.01402
Capacity	(4,089.90)	(0.00765)	(91,783.62)	(0.01551)
Debt Service	43,629.83	0.08161	510,525.12	0.08625
<b>Total AMP Hydro Greenup</b>	<b>\$ 47,664.98</b>	<b>0.08916</b>	<b>\$ 520,484.72</b>	<b>0.08794</b>
<b>AMP Hydro Meldahl</b>				
O&M Variable Costs	37,548.68	0.03058	407,875.27	0.03057
O&M Fixed Costs	(26,804.37)	(0.02183)	(170,459.82)	(0.01278)
Capacity	(7,752.00)	(0.00631)	(172,886.32)	(0.01296)
Debt Service	112,287.36	0.09144	1,348,673.16	0.10110
<b>Total AMP Hydro Meldahl</b>	<b>\$ 115,279.67</b>	<b>0.09387</b>	<b>\$ 1,413,202.29</b>	<b>0.10594</b>

Costs Allocated to Members

	Clinton	Coldwater	Hilldale	Marshall	Union City	Total
AMP Greenup Percentage	3.40%	55.56%	22.65%	18.39%	0.00%	100.00%
AMP Meldahl Percentage	3.44%	55.54%	22.63%	18.39%	0.00%	100.00%
Greenup Net kWh	18,200	297,010	121,079	98,329	-	534,618
Meldahl New kWh	42,202	682,075	277,925	225,837	-	1,228,038
<b>AMP Hydro Greenup</b>						
O & M Variable Costs \$	65.09	1,062.15	433.00	351.64	-	1,911.87
\$/Net kWh	0.00358	0.00358	0.00358	0.00358	-	0.00358
O&M Fixed Costs \$	211.51	3,451.76	1,407.15	1,142.76	-	6,213.18
\$/Net kWh	0.01162	0.01162	0.01162	0.01162	-	0.01162
<b>Total O&amp;M Costs \$</b>	<b>276.60</b>	<b>4,513.91</b>	<b>1,840.15</b>	<b>1,494.40</b>	<b>-</b>	<b>8,125.05</b>
\$/Net kWh	<b>0.01520</b>	<b>0.01520</b>	<b>0.01520</b>	<b>0.01520</b>	<b>-</b>	<b>0.01520</b>
Capacity \$	(139.23)	(2,272.17)	(926.27)	(752.23)	-	(4,089.90)
\$/Net kWh	(0.00765)	(0.00765)	(0.00765)	(0.00765)	-	(0.00765)
Debt Service \$	1,485.27	24,238.79	9,881.18	8,024.59	-	43,629.83
\$/Net kWh	0.08161	0.08161	0.08161	0.08161	-	0.08161
<b>AMP Hydro Greenup \$</b>	<b>1,622.63</b>	<b>26,480.54</b>	<b>10,795.06</b>	<b>8,766.76</b>	<b>-</b>	<b>47,664.98</b>
\$/Net kWh	<b>0.08916</b>	<b>0.08916</b>	<b>0.08916</b>	<b>0.08916</b>	<b>-</b>	<b>0.08916</b>
<b>AMP Hydro Meldahl</b>						
O & M Variable Costs \$	1,290.37	20,855.21	8,497.86	6,905.24	-	37,548.68
\$/Net kWh	0.03058	0.03058	0.03058	0.03058	-	0.03058
O&M Fixed Costs \$	(921.14)	(14,887.63)	(6,066.25)	(4,929.35)	-	(26,804.37)
\$/Net kWh	(0.02183)	(0.02183)	(0.02183)	(0.02183)	-	(0.02183)
<b>Total O&amp;M Costs \$</b>	<b>369.23</b>	<b>5,967.58</b>	<b>2,431.61</b>	<b>1,975.89</b>	<b>-</b>	<b>10,744.31</b>
\$/Net kWh	<b>0.00875</b>	<b>0.00875</b>	<b>0.00875</b>	<b>0.00875</b>	<b>-</b>	<b>0.00875</b>
Capacity \$	(266.40)	(4,305.60)	(1,754.40)	(1,425.60)	-	(7,752.00)
\$/Net kWh	(0.00631)	(0.00631)	(0.00631)	(0.00631)	-	(0.00631)
Debt Service \$	3,858.79	62,366.42	25,412.40	20,649.75	-	112,287.36
\$/Net kWh	0.09144	0.09144	0.09144	0.09144	-	0.09144
<b>AMP Hydro Meldahl \$</b>	<b>3,961.62</b>	<b>64,028.40</b>	<b>26,089.61</b>	<b>21,200.04</b>	<b>-</b>	<b>115,279.67</b>
\$/Net kWh	<b>0.09387</b>	<b>0.09387</b>	<b>0.09387</b>	<b>0.09387</b>	<b>-</b>	<b>0.09387</b>
<b>Total AMP Hydro 2 Costs \$</b>	<b>5,584.26</b>	<b>90,508.94</b>	<b>36,884.67</b>	<b>29,966.80</b>	<b>-</b>	<b>162,944.66</b>
\$/Net kWh	<b>0.09245</b>	<b>0.09244</b>	<b>0.09244</b>	<b>0.09244</b>	<b>-</b>	<b>0.09244</b>

**AMP Solar Project  
June, 2019**

Gross Generation -AMP Solar	kWh's	Current Month		Year-To-Date	
		124,857		933,825	
		Current Month		Year-to-Date	
		\$	\$/Net kWh	\$	\$/Net kWh
<b>AMP Solar</b>					
O&M Variable Costs		997.07	0.00799	17,413.65	0.01865
O&M Fixed Costs		5,296.88	0.04242	30,788.15	0.03297
Capacity		(1,477.44)	(0.01183)	(12,179.03)	(0.01304)
Debt Service		-	-	-	-
<b>Total AMP Solar</b>		<b>\$ 4,816.51</b>	<b>0.03858</b>	<b>\$ 36,022.77</b>	<b>0.03858</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
AMP Solar Percentage	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Net kWh	-	124,857	-	-	-	124,857
O & M Variable Costs \$	-	\$ 997.07	-	-	-	\$ 997.07
\$/Net kWh	-	0.00799	-	-	-	0.00799
O&M Fixed Costs \$	-	\$ 5,296.88	-	-	-	\$ 5,296.88
\$/Net kWh	-	0.04242	-	-	-	0.04242
<b>Total O&amp;M Costs \$</b>	<b>-</b>	<b>\$ 6,293.95</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 6,293.95</b>
<b>\$/Net kWh</b>	<b>-</b>	<b>0.05041</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.05041</b>
Capacity \$	-	\$ (1,477.44)	-	-	-	\$ (1,477.44)
\$/Net kWh	-	(0.01183)	-	-	-	(0.01183)
Debt Service \$	-	\$ -	-	-	-	\$ -
\$/Net kWh	-	-	-	-	-	-
<b>AMP Solar \$</b>	<b>-</b>	<b>\$ 4,816.51</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 4,816.51</b>
<b>\$/Net kWh</b>	<b>-</b>	<b>0.03858</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.03858</b>

**Coldwater Peaking Plant  
June, 2019**

	Current Month		Year-to-Date	
	\$	\$/Net kWh	\$	\$/Net kWh
<b>Coldwater Peaking Plant</b>				
Letter of Credit Fees	\$ -	-	\$ 3,323.33	-
Legal/Other	-	-	18,838.81	-
<b>Total AMPGS</b>	<b>\$ -</b>	<b>-</b>	<b>\$ 22,162.14</b>	<b>-</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
Coldwater Peaking Plant (CPP)	6.000%	63.000%	16.000%	11.000%	4.000%	100.000%
O&M Costs	-	-	-	-	-	-
<b>Total CPP Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Purchased Power Summary  
June, 2019**

	<u>Current Month kWh</u>	<u>Year To-Date kWh</u>
<b>Purchased Power</b>		
MISO Market	10,316,347	247,280,142
AMP Contracts	<u>6,400,000</u>	<u>91,440,000</u>
<b>Total Purchased Power</b>	<u>16,716,347</u>	<u>338,720,142</u>

<b>Purchased Power Costs</b>	<u>Current Month</u>		<u>Year-to-Date</u>	
	<u>\$</u>	<u>\$/Net kWh</u>	<u>\$</u>	<u>\$/Net kWh</u>
MISO Market	229,909.93	0.02229	8,146,578.56	0.03294
AMP Contracts	240,327.33	0.03755	3,403,550.19	0.03722
AMP Contract Total	<u>240,327.33</u>	<u>0.03755</u>	<u>3,403,550.19</u>	<u>0.03722</u>
<b>Total Purchased Power Costs</b>	<u>470,237.26</u>	<u>0.02813</u>	<u>11,550,128.75</u>	<u>0.03410</u>

<b>Allocated to Members</b>	<u>Clinton</u>	<u>Coldwater</u>	<u>Hillsdale</u>	<u>Marshall</u>	<u>Union City</u>	<u>Total</u>
<b>MISO Purchases</b>						
MISO Market \$	9,478.72	130,402.89	51,458.44	35,234.72	3,335.16	229,909.93
kWh	<u>381,254</u>	<u>6,119,501</u>	<u>2,165,035</u>	<u>1,506,855</u>	<u>143,701</u>	<u>10,316,347</u>
\$/Net kWh	0.02486	0.02131	0.02377	0.02338	0.02321	0.02229
Percentage of Total	4.1%	56.7%	22.4%	15.3%	1.5%	100.0%
<b>AMP Contracts</b>						
AMP Contracts Total \$	10,931.94	137,823.75	51,792.63	38,166.41	1,612.60	240,327.33
kWh	<u>291,121</u>	<u>3,670,294</u>	<u>1,379,256</u>	<u>1,016,385</u>	<u>42,944</u>	<u>6,400,000</u>
\$/Net kWh	-	-	-	-	-	-
Percentage of Total	4.5%	57.3%	21.6%	15.9%	0.7%	100.0%
<b>Total Purchased Power \$</b>	<b>\$ 9,478.72</b>	<b>\$ 130,402.89</b>	<b>\$ 51,458.44</b>	<b>\$ 35,234.72</b>	<b>\$ 3,335.16</b>	<b>\$ 229,909.93</b>
kWh	<u>672,375</u>	<u>9,789,795</u>	<u>3,544,291</u>	<u>2,523,240</u>	<u>186,645</u>	<u>16,716,347</u>
\$/Net kWh	<b>\$ 0.01410</b>	<b>\$ 0.01332</b>	<b>\$ 0.01452</b>	<b>\$ 0.01396</b>	<b>\$ 0.01787</b>	<b>\$ 0.01375</b>
Percentage of Total	4.1%	56.7%	22.4%	15.3%	1.5%	100.0%

**MISO Market Summary**  
**June, 2019**

Category	Current Month \$	Year To-Date \$
<b>MISO Invoice Total</b>	1,259,547.44	24,833,941.90
Addback: AMP LMP credit (AFEC/Hydro 1)	(844.57)	(11,092.07)
Addback: AFEC Congestion	-	-
Addback: AFEC LMP credited by AMP	(515,492.09)	(8,366,325.86)
Addback: Contract LMP credited by AMP	(171,876.23)	(3,293,539.99)
Addback: Meldahl LMP credited by AMP	(27,501.94)	(391,664.16)
Addback: Solar LMP credited by AMP	(3,260.71)	(32,339.08)
Addback: Greenup LMP credited by AMP	(11,913.71)	(180,282.73)
Addback: Prairie State LMP credited by AMP	(182,513.14)	(2,794,160.07)
<b>Total to Account for</b>	<u>346,145.05</u>	<u>9,764,537.94</u>

**Amounts charged to other billing schedules:**

Substation Load Cost Allocated to Market Impact Summary	(1,435,937.80)	(27,330,562.57)
Market Resource Value Allocated to Market Impact Summary	1,094,921.67	17,571,191.63
ARR allocated to Transmission Project 1	13,415.19	125,530.92
GFA allocated to Transmission Project 1	-	-

**Net MISO Administrative Expenses (Detailed Below)**

<b>Net MISO Administrative Expenses (Detailed Below)</b>	18,544.11	130,697.92
Administration	\$ 7,600.46	\$ 84,860.30
Congestion	-	-
Financial Transmission Losses	(19,095.03)	(388,505.65)
RSG	3,869.10	102,091.31
Schedule 24	814.09	12,492.78
RNU	5,930.46	95,948.07
Uninstructed Deviation	-	-
Inadvertant Distribution	216.36	(188.31)
FERC/Miscellaneous Charges	387.71	(7,125.62)
LMR Event Penalty	-	9,024.49
FTR	-	-
MISO Deferred	-	-
Ancillary Services Market	3,489.96	65,795.33
AMP/MISO Scheduling Power Adjustment	(727.10)	(697.43)
<b>MISO Administrative Expenses</b>	<u>2,486.01</u>	<u>(26,304.73)</u>
MISO Capacity Charge-Base Auction	523.11	141,467.66
MISO Capacity UP Hydro Zone 2	2,557.20	2,557.20
MISO Capacity Prairie State Zone 4	5,689.77	5,689.77
MISO Capacity AMP Hydro 1 Zone 6	7,288.02	7,288.02
AMP Bilateral Capacity Charge	131,250.00	199,802.00
AMP Solar Capacity Charge	518.00	518.00
AMP Prairie State Capacity Zone 4	819.00	819.00
AMP Hydro 1 Capacity Zone 6	1,028.00	1,028.00
MPPA Capacity Charge	-	244,200.00
<b>Total Capacity Charges</b>	<u>149,673.10</u>	<u>603,369.65</u>

**Total MISO Charges**

<b>Total MISO Charges</b>	\$ 152,159.11	\$ 577,064.92
---------------------------	---------------	---------------

**Costs Allocated to Members**

	Clinton	Codyville	Hillsdale	Marshall	Union City	Total
MISO Substation Load %	3.58%	58.46%	19.10%	16.96%	1.90%	100.00%
MISO Base and AMP Bi-Lateral Capacity %	6.32%	62.84%	14.39%	11.37%	5.07%	100.00%
MISO/AMP Capacity UP Hydro Zone 2 % (Project 1)	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
MISO/AMP Capacity Prairie State Zone 4 %	-	83.34%	-	16.66%	-	100.00%
MISO/AMP Capacity AMP Hydro 1 Zone 6 %	5.23%	48.51%	25.37%	20.89%	-	100.00%
AMP Capacity Solar %	-	100.00%	-	-	-	100.00%
LMR Event Penalty	-	14.48%	74.49%	11.03%	-	100.00%

**Financial Transmission Losses (MISO Substation Load %)**

<b>Financial Transmission Losses (MISO Substation Load %)</b>	(683.17)	(11,163.67)	(3,647.67)	(3,238.17)	(362.34)	(19,095.03)
---	----------	-------------	------------	------------	----------	-------------

**Capacity Charges:**

MISO Base Capacity	\$ 33.07	\$ 328.71	\$ 75.29	\$ 59.50	\$ 26.54	\$ 523.11
MISO UP Hydro Capacity Zone 2	\$ 166.22	\$ 1,022.87	\$ 652.09	\$ 613.73	\$ 102.29	\$ 2,557.20
MISO Prairie State Capacity Zone 4	\$ -	\$ 4,741.63	\$ -	\$ 948.14	\$ -	\$ 5,689.77
MISO AMP Hydro 1 Capacity Zone 6	\$ 380.94	\$ 3,535.17	\$ 1,849.22	\$ 1,522.69	\$ -	\$ 7,288.02
AMP Bilateral Capacity	\$ 8,298.22	\$ 82,475.03	\$ 18,890.75	\$ 14,927.55	\$ 6,658.45	\$ 131,250.00
AMP Solar Capacity	\$ -	\$ 518.00	\$ -	\$ -	\$ -	\$ 518.00
AMP Prairie State Capacity Zone 4	\$ -	\$ 682.52	\$ -	\$ 136.48	\$ -	\$ 819.00
AMP Hydro 1 Capacity Zone 6	\$ 53.73	\$ 498.65	\$ 260.84	\$ 214.78	\$ -	\$ 1,028.00
<b>Total Capacity Charges</b>	\$ 8,932.18	\$ 93,802.58	\$ 21,728.19	\$ 18,422.87	\$ 6,787.28	\$ 149,673.10

**Other MISO Expenses (MISO Substation Load %)**

<b>Other MISO Expenses (MISO Substation Load %)</b>	\$ 772.12	\$ 12,617.09	\$ 4,122.57	\$ 3,659.75	\$ 409.52	\$ 21,581.04
---	-----------	--------------	-------------	-------------	-----------	--------------

**Net MISO Market Charges (including Losses)**

<b>Net MISO Market Charges (including Losses)</b>	\$ 9,021.13	\$ 95,256.00	\$ 22,203.09	\$ 18,844.45	\$ 6,834.46	\$ 152,159.11
---	-------------	--------------	--------------	--------------	-------------	---------------

**S/Net kWh**

<b>S/Net kWh</b>	\$ 0.00458	\$ 0.00277	\$ 0.00211	\$ 0.00200	\$ 0.00554	\$ 0.00264
------------------	------------	------------	------------	------------	------------	------------

	5.93%	62.60%	14.59%	12.38%	4.49%	100.00%
--	-------	--------	--------	--------	-------	---------

**Transmission Summary  
June, 2019**

	Current Month \$	Year To-Date \$	Allocation Basis
<b>Transmission Expenses - 90 MW</b>			
Clinton Wholesale Distribution Service	\$ 13,258.62	\$ 138,482.45	Charged to Clinton
MISO Transmission Charges	188,962.53	2,099,957.08	Calculated CONS Load %
MISO Transmission 121.5 MW less Actual Entitlement Used	30,662.12	53,503.10	121.5MW less Used %
MISO Transmission Excess over 121.5 MW	-	534,376.06	Excess Load %
MISO Transmission Adjustments	(13,312.45)	(60,015.77)	Calculated CONS Load %
MISO Schedule 26 A	88,766.25	1,101,865.86	MISO Substation Load %
MISO Schedule 26 A Adjustments	-	-	MISO Substation Load %
Deferred GFA MISO Payback Allocation	-	-	P1 plus Need %
ARR MISO Allocation	(13,415.19)	(125,530.92)	Total Energy %
EHV Maintenance	-	287,116.74	Project 1%
NERC Expenses	-	27,725.53	MISO CONS Load%
<b>Total Transmission Expenses - 90 MW</b>	<b>\$ 294,921.88</b>	<b>\$ 4,057,480.13</b>	
<b>Transmission Expenses 31.5 MW EHV Maintenance</b>	-	-	Project 1 %
<b>Transmission Utilization-Transfer 2015 balance to 2016</b>	-	-	
<b>Transmission Utilization Adjustment - 2016</b>	-	-	
<b>Total Transmission Costs</b>	<b>\$ 294,921.88</b>	<b>\$ 4,057,480.13</b>	

**Costs Allocated to Members**

	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
MISO Calculated CONS Load %		52.95%	24.08%	19.98%	2.98%	100.00%
MISO 121.5MW less Actual Entitlement Used %		100.00%	0.00%	0.00%	0.00%	100.00%
MISO Excess Load % (above 121.5MW)		0.00%	0.00%	0.00%	0.00%	0.00%
MISO Substation Load %	3.58%	58.46%	19.10%	16.96%	1.90%	100.00%
MISO Deferred GFA %	4.70%	53.96%	21.72%	17.24%	2.38%	100.00%
ARR Total Energy %	3.42%	59.76%	18.29%	16.38%	2.14%	100.00%
MISO CONS Load %		54.22%	23.64%	19.46%	2.69%	100.00%
Project 1 %	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%

**Transmission Expenses - 90 MW**

Clinton Wholesale Distribution Service	\$ 13,258.62	\$ -	\$ -	\$ -	\$ -	\$ 13,258.62
MISO Transmission based on Calculated CONS Load %	\$ -	\$ 100,056.88	\$ 45,505.77	\$ 37,759.78	\$ 5,640.10	\$ 188,962.53
MISO 121.5 MW less Actual Entitlement Used %	\$ -	\$ 30,662.12	\$ -	\$ -	\$ -	\$ 30,662.12
MISO above 121.5 MW Transmission on MISO Excess Load %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MISO Transmission Adjustments on Calculated CONS Load%	\$ -	\$ (7,049.03)	\$ (3,205.89)	\$ (2,660.18)	\$ (397.35)	\$ (13,312.45)
MISO Schedule 26 A on MISO Substation Load %	\$ 3,175.84	\$ 51,896.10	\$ 16,956.77	\$ 15,053.13	\$ 1,684.41	\$ 88,766.25
MISO Schedule 26 A Adjustment on MISO Substation Load%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MISO Deferred GFA on Deferred GFA %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MISO ARR Allocation based on MISO Total Energy %	\$ (458.32)	\$ (8,017.53)	\$ (2,453.77)	\$ (2,198.02)	\$ (287.55)	\$ (13,415.19)
NERC based on MISO CONS Load%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Expenses based on Project 1 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Transmission Expenses - 90 MW</b>	<b>15,976.14</b>	<b>167,548.54</b>	<b>56,802.88</b>	<b>47,954.71</b>	<b>6,639.61</b>	<b>294,921.88</b>

**Transmission Expenses 31.5 MW**

	-	-	-	-	-	-
<b>Total Transmission Costs</b>	<b>\$ 15,976.14</b>	<b>\$ 167,548.54</b>	<b>\$ 56,802.88</b>	<b>\$ 47,954.71</b>	<b>\$ 6,639.61</b>	<b>\$ 294,921.88</b>
<b>\$/Net kWh</b>	<b>\$ 0.00812</b>	<b>\$ 0.00487</b>	<b>\$ 0.00539</b>	<b>\$ 0.00508</b>	<b>\$ 0.00538</b>	<b>\$ 0.00512</b>

<b>Actual %</b>	<b>5.4%</b>	<b>56.8%</b>	<b>19.3%</b>	<b>16.3%</b>	<b>2.3%</b>	<b>100.0%</b>
-----------------	-------------	--------------	--------------	--------------	-------------	---------------

## MISO Monthly Transmission Split

CONS only-does not apply to Clinton

		Coldwater	Hillsdale	Marhall	Union City	Total	Cost Per MW
CONS Load & HE	06/27 HE 16	52,410	22,848	18,807	2,598	96,663	
Loss Factor	3.3793%	1,771	772	636	88	3,267	
CONS with Losses		54,181	23,620	19,443	2,686	99,930	
MISO Adjustment		56	20	16	2	94	
BTM Load		13,670	-	157	242	14,069	
Load Billed		67,907	23,640	19,616	2,930	114,093	
1st 121.5 MW Entitlement		51,979	33,136	31,187	5,198	121,500	
Excess > 121.5 MW Entitlement		15,928	-	-	-	15,928	
<b>Billing:</b>							
1st Allocation-Entitlement used:							
Actual 121.5 MW Entitlement used		51,979	23,640	19,616	2,930	98,165	
Calculated Load %		52.95%	24.08%	19.98%	2.98%	100.00%	
Actual used Cost Allocation	A	\$ 100,056.88	\$ 45,505.77	\$ 37,759.78	\$ 5,640.10	\$ 188,962.53	\$ 1,924.95
2nd Allocation--121.5 MW less used:							
121.5 MW less Actual Entitlement Used		15,928	-	-	-	15,928	
Excess Calculated Load %		100.00%	0.00%	0.00%	0.00%	100.00%	
121.5 MW less Actual Used Cost	B	\$ 30,662.12	\$ -	\$ -	\$ -	\$ 30,662.12	\$ 1,925.05
3rd Allocation-Excess usage over 121.5MW:							
Excess over 121.5 MW		-	-	-	-	-	
Excess Calculated Load %		0.00%	0.00%	0.00%	0.00%	0.00%	
Excess over 121.5 MW Cost	C	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MISO Transmission Charges	A + B + C	\$ 130,719.00	\$ 45,505.77	\$ 37,759.78	\$ 5,640.10	\$ 219,624.65	
Cost Per MW Used		\$ 1,924.97	\$ 1,924.95	\$ 1,924.95	\$ 1,924.95	\$ 1,924.96	

**Substation Summary  
June, 2019**

Substation Expenses	O&M Charges\$	VAR Charges \$	Current Month \$	Year To-Date \$
Clinton	-	-	-	-
Coldwater	-	-	-	4,021.10
Hillsdale	232.41	-	232.41	7,182.84
Marshall	-	-	-	-
Union City	-	-	-	29.56
<b>Member Direct Expenses</b>	<u>232.41</u>	<u>-</u>	<u>232.41</u>	<u>11,233.50</u>
Telemetry Expenses	\$ -	-	\$ -	-
Project 1 Misc Revenue	-	-	-	-
Project 1 Substation Expenses	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total Substation Costs</b>			<u>\$ 232.41</u>	<u>\$ 11,233.50</u>

**Costs Allocated to Members**

	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
Total Energy %	3.42%	59.76%	18.29%	16.38%	2.14%	100.00%
Project 1 %	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Member Direct Expenses (above)	\$ -	\$ -	\$ 232.41	\$ -	\$ -	\$ 232.41
Other Costs						
Telemetry based on Total Energy %	-	-	-	-	-	-
Other Project 1 Sub. Rev/Exp on Project 1 %	-	-	-	-	-	-
Total Other Costs	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Substation Costs	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 232.41</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 232.41</u>
\$/Net kWh	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 0.00002</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 0.00000</u>



**Administration**  
**June, 2019**

	Current Month \$	Year To-Date \$	Annual Budget \$	% YTD to Budget
Labor and Overtime	134,310.06	\$ 654,276.04	\$ 659,469.00	99.21%
Other Fringe Benefits	50,380.04	627,682.34	699,736.00	89.70%
Legal and Outside Consultants	8,898.23	47,326.65	125,000.00	37.86%
Regulatory Commission Expense	-	1,843.75	5,000.00	36.88%
Memberships and Dues	-	3,624.00	3,400.00	106.59%
Investment Management Fees	700.95	8,293.82	8,400.00	98.74%
Audit & Financial Fees	-	35,385.89	36,000.00	98.29%
Annual Meeting Expense	-	1,363.45	5,000.00	27.27%
Travel and Auto Expense	4,432.66	27,723.83	43,000.00	64.47%
Education and Seminars	(825.00)	6,393.00	10,000.00	63.93%
Supplies and Maintenance Expense	4,464.35	28,647.52	66,200.00	43.27%
Telephone and Utilities Expense	2,124.92	23,868.30	16,800.00	142.07%
Building Lease	6,695.00	109,765.33	-	0.00%
MPPA Credit	-	-	-	0.00%
Custodial Service	1,000.00	13,262.65	13,000.00	102.02%
D & O and Other Insurance	5,903.61	71,095.33	85,500.00	83.15%
Gas Customer Charges	632.88	7,677.96	9,800.00	78.35%
AMP Dispatch Charge	13,750.73	148,010.97	168,000.00	88.10%
Miscellaneous Expenses	-	679.96	8,000.00	8.50%
<b>Sub-Total Administrative Costs</b>	<b>\$ 232,468.43</b>	<b>\$ 1,816,920.79</b>	<b>\$ 1,962,305.00</b>	<b>92.59%</b>
<b>MIRECS Compliance Expense</b>	<b>\$ 422.18</b>	<b>\$ 553.64</b>	<b>\$ 7,000.00</b>	<b>7.91%</b>
<b>Member Cyber Insurance</b>	<b>\$ -</b>	<b>\$ 33,030.63</b>	<b>\$ 28,000.00</b>	<b>117.97%</b>
<b>Coldwater Solar Station Costs</b>	<b>\$ 6,242.61</b>	<b>\$ 64,540.46</b>	<b>\$ -</b>	<b>0.00%</b>
<b>Legal/Other Project 1 %</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>
<b>Legal/Other 20 % Even Split</b>	<b>\$ -</b>	<b>\$ 60,459.95</b>	<b>\$ -</b>	<b>0.00%</b>
<b>AMP Service Fee A</b>	<b>\$ 22,649.87</b>	<b>\$ 168,395.13</b>	<b>\$ 159,600.00</b>	<b>105.51%</b>
<b>Total Administrative Costs</b>	<b>\$ 261,783.09</b>	<b>\$ 2,143,900.60</b>	<b>\$ 2,156,905.00</b>	<b>99.40%</b>

Costs Allocated to Members	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
Total Energy %	3.42%	59.76%	18.29%	16.38%	2.14%	100.00%
Legal/Other Proj 1 %	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Legal/Other 20 % Even Split	20.00%	20.00%	20.00%	20.00%	20.00%	100.00%
<b>Sub-Total Administrative Costs</b>	<b>7,942.12</b>	<b>138,933.86</b>	<b>42,520.78</b>	<b>38,088.86</b>	<b>4,982.81</b>	<b>232,468.43</b>
MIRECS Expense - Direct	0.00	290.98	71.07	60.13	0.00	422.18
Member Cyber Insurance - Direct	0.00	0.00	0.00	0.00	0.00	0.00
Coldwater Solar Station Costs	0.00	6,242.61	0.00	0.00	0.00	6,242.61
Legal/Other Proj 1 %	0.00	0.00	0.00	0.00	0.00	0.00
Legal/Other 20 % Even Split	0.00	0.00	0.00	0.00	0.00	0.00
AMP Fee A - Member Retail Sales	541.53	17,164.65	2,533.46	2,005.96	404.27	22,649.87
<b>Total Administrative Costs</b>	<b>\$ 8,483.65</b>	<b>\$ 162,632.10</b>	<b>\$ 45,125.31</b>	<b>\$ 40,154.95</b>	<b>\$ 5,387.08</b>	<b>\$ 261,783.09</b>
<b>\$/Net kWh</b>	<b>\$ 0.00431</b>	<b>\$ 0.00472</b>	<b>\$ 0.00428</b>	<b>\$ 0.00425</b>	<b>\$ 0.00436</b>	<b>\$ 0.00454</b>

Credits  
June, 2019

Allocated to Members	Current Month					Year-to-Date					
	Clinton	Colswater	Brilliant	Marshall	Union City	Clinton	Colswater	Brilliant	Marshall	Union City	Total
Dispatch Authority	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy to Agency	-	(6,242.61)	(1,773.08)	-	(12,662.13)	(288.33)	(64,540.46)	(19,104.08)	(20,986.63)	(78,268.67)	(183,188.17)
Rate Stabilization Usage	-	(243,558.23)	-	-	-	(41,953.91)	(371,074.52)	(60,072.07)	(185,703.20)	-	(658,803.69)
3rd Party Sales Credit - AMP Capacity	-	-	-	-	-	-	-	-	-	-	-
3rd Party Sales Credit/Charge - Endicott	-	-	-	-	-	-	-	-	-	-	-
3rd Party Sales Credit - Member	-	-	-	-	-	-	-	-	-	-	-
Prior Period Adjustments Charge/(Credit)	-	-	-	-	-	-	-	-	-	-	-
Non-Participating Energy Charge/(Credit)	-	-	-	-	-	-	-	-	-	-	-
<b>Total Credits</b>	<b>\$ -</b>	<b>\$ (249,800.84)</b>	<b>\$ (1,773.08)</b>	<b>\$ -</b>	<b>\$ (12,662.13)</b>	<b>\$ (42,242.24)</b>	<b>\$ (435,614.98)</b>	<b>\$ (79,176.15)</b>	<b>\$ (206,689.83)</b>	<b>\$ (78,268.67)</b>	<b>\$ (841,991.86)</b>

**MSCPA Energy Summary**  
**June, 2019**

	Metered Usage	Generated	Net Usage	Losses	Gross Usage
Clinton	1,967,862	-	1,967,862	-	1,967,862
Coldwater	32,156,632	2,267,749	34,424,381	-	34,424,381
Hillsdale	10,507,008	28,591	10,535,599	-	10,535,599
Marshall	9,327,445	110,035	9,437,480	-	9,437,480
Union City	1,043,722	190,896	1,234,618	-	1,234,618
Member Totals	55,002,669	2,597,271	57,599,940	-	57,599,940
Other	-	-	-	-	-
Total	55,002,669	2,597,271	57,599,940	-	57,599,940

	High Demand			Low Demand	
	High	Time	Load Factor	Low	Time
Clinton	4,952.0	6/28/19 HE 17	53.41%	1,583.0	6/14/19 HE 2
Coldwater	69,213.0	6/27/19 HE 13	66.85%	28,381.0	6/02/19 HE 3
Hillsdale	24,224.0	6/28/19 HE 13	58.46%	9,472.0	6/02/19 HE 4
Marshall	19,908.0	6/27/19 HE 13	63.72%	3,221.0	6/28/19 HE 22
Union City	3,063.0	6/28/19 HE 18	54.18%	1,056.0	6/03/19 HE 3
Member Non-Coincident	121,360.0		63.79%	43,713.0	
Endicott					
Agency Non-Coincident	121,360.0		63.79%	43,713.0	
Member Coincident	119,465.0	6/28/19 HE 13	64.80%	49,534.0	6/02/19 HE 3
Agency Coincident	119,465.0	6/28/19 HE 13	64.80%	49,534.0	6/02/19 HE 3

**Member Engine Summary  
June, 2019**

	Current Month			Year-to-Date		
	kWh	\$	\$/kWh	kWh	\$	\$/kWh
<b>Clinton</b>						
Engine 6	-	-	-	4,574	288.33	0.06304
<b>Clinton Total</b>	<u>-</u>	<u>-</u>	<u>-</u>	<u>4,574</u>	<u>288.33</u>	<u>0.06304</u>
<b>Coldwater</b>						
AMP Solar BTM	234,790	6,242.61	0.02659	1,879,060	64,540.46	0.03435
<b>Coldwater Total</b>	<u>234,790</u>	<u>6,242.61</u>	<u>0.02659</u>	<u>1,879,060</u>	<u>64,540.46</u>	<u>0.03435</u>
<b>Hillsdale</b>						
Engine 5	14,318	909.86	0.06355	136,453	8,742.50	0.06407
Engine 6	14,273	863.22	0.06048	170,779	10,361.58	0.06067
	-	-	-	-	-	-
<b>Hillsdale Total</b>	<u>28,591</u>	<u>1,773.08</u>	<u>0.06202</u>	<u>307,232</u>	<u>19,104.08</u>	<u>0.06218</u>
<b>Marshall</b>						
Engine 3	-	-	-	48,711	5,237.69	0.10753
Engine 5	-	-	-	36,963	5,322.89	0.14401
Engine 6	-	-	-	112,706	10,426.04	0.09251
Hydro 1	110,035	-	-	844,514	-	-
Hydro 3	-	-	-	-	-	-
<b>Marshall Total</b>	<u>110,035</u>	<u>-</u>	<u>-</u>	<u>1,042,894</u>	<u>20,986.62</u>	<u>0.02012</u>
<b>Union City</b>						
Hydro 1 & 2	190,896	12,662.13	0.06633	1,179,989	78,268.67	0.06633
<b>Union City Total</b>	<u>190,896</u>	<u>12,662.13</u>	<u>0.06633</u>	<u>1,179,989</u>	<u>78,268.67</u>	<u>0.06633</u>
<b>Member Totals</b>	<u>564,312</u>	<u>20,677.82</u>	<u>0.03664</u>	<u>4,413,749</u>	<u>183,188.16</u>	<u>0.04150</u>

**Energy Allocation Summary**  
**Month of June 2019**

	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
<b>kWh</b>						
Member Hydro	-	-	-	110,035	190,896	300,931
Project IV	-	2,032,959	-	-	-	2,032,959
Menominee	144,062	886,536	565,166	531,921	88,654	2,216,339
Oconto Falls	130,067	800,410	510,261	480,246	80,041	2,001,025
Prairie State	-	6,821,382	-	1,364,002	-	8,185,384
AFEC	823,851	11,744,492	4,813,365	3,580,832	763,472	21,726,012
AMP Hydro 1	165,899	1,539,543	805,321	663,122	-	3,173,885
AMP Hydro 2 Greenup	18,200	297,010	121,079	98,329	-	534,618
AMP Hydro 2 Meldahl	42,202	682,075	277,925	225,837	-	1,228,038
AMP Solar	-	124,857	-	-	-	124,857
Member	-	234,790	28,591	-	-	263,381
AMP Contracts	291,121	3,670,294	1,379,256	1,016,385	42,944	6,400,000
Market	381,254	6,119,501	2,165,035	1,506,855	143,701	10,316,347
Sales	(28,793)	(529,466)	(130,401)	(140,086)	(75,090)	(903,836)
<b>Total</b>	<b>1,967,862</b>	<b>34,424,381</b>	<b>10,535,599</b>	<b>9,437,480</b>	<b>1,234,618</b>	<b>57,599,940</b>

<b>\$</b>						
Member Hydro	-	-	-	-	12,662.13	12,662.13
Project IV	-	57,035.42	-	-	-	57,035.42
Menominee	7,059.04	43,440.24	27,693.16	26,064.15	4,344.02	108,600.61
Oconto Falls	6,113.13	37,619.27	23,982.28	22,571.56	3,761.93	94,048.18
Prairie State	-	86,546.71	-	17,305.86	-	103,852.57
AFEC	18,309.07	261,006.89	106,971.13	79,579.60	16,967.22	482,833.92
AMP Hydro 1	5,072.55	47,073.28	24,623.62	20,275.71	-	97,045.16
AMP Hydro 2 Greenup	65.09	1,062.15	433.00	351.64	-	1,911.87
AMP Hydro 2 Meldahl	1,290.37	20,855.21	8,497.86	6,905.24	-	37,548.68
AMP Solar	-	997.07	-	-	-	997.07
Member	-	6,242.61	1,773.08	-	-	8,015.69
AMP Contracts	10,931.94	137,823.75	51,792.63	38,166.41	1,612.60	240,327.33
Market	9,478.72	130,402.89	51,458.44	35,234.72	3,335.16	229,909.93
Sales	(698.47)	(12,903.42)	(3,279.78)	(3,410.52)	(1,646.04)	(21,938.22)
<b>Total</b>	<b>57,621.46</b>	<b>817,202.08</b>	<b>293,945.42</b>	<b>243,044.37</b>	<b>41,037.02</b>	<b>1,452,850.35</b>

<b>\$/kWh</b>						
Member Hydro	-	-	-	-	0.06633	0.04208
Project IV	-	0.02806	-	-	-	0.02806
Menominee	0.04900	0.04900	0.04900	0.04900	0.04900	0.04900
Oconto Falls	0.04700	0.04700	0.04700	0.04700	0.04700	0.04700
Prairie State	-	0.01269	-	0.01269	-	0.01269
AFEC	0.02222	0.02222	0.02222	0.02222	0.02222	0.02222
AMP Hydro 1	0.03058	0.03058	0.03058	0.03058	-	0.03058
AMP Hydro 2 Greenup	0.00358	0.00358	0.00358	0.00358	-	0.00358
AMP Hydro 2 Meldahl	0.03058	0.03058	0.03058	0.03058	-	0.03058
AMP Solar	-	0.00799	-	-	-	0.00799
Member	-	0.02659	0.06202	-	-	0.03043
AMP Contracts	0.03755	0.03755	0.03755	0.03755	0.03755	0.03755
Market	0.02486	0.02131	0.02377	0.02338	0.02321	0.02229
Sales	0.02426	0.02437	0.02515	0.02435	0.02192	0.02427
<b>Total</b>	<b>0.02928</b>	<b>0.02374</b>	<b>0.02790</b>	<b>0.02606</b>	<b>0.03324</b>	<b>0.02522</b>

<b>Net</b>						
kWh	1,967,862	34,424,381	10,535,599	9,437,480	1,234,618	57,599,940
\$	57,621.46	817,202.08	293,945.42	243,044.37	41,037.02	1,452,850.35
\$/kWh	0.02928	0.02374	0.02790	0.02606	0.03324	0.02522

\* Marshall does not include Hydros in net kWh Calculation

**Energy Allocation by Member**

Member Hydro	0.00%	0.00%	0.00%	1.17%	15.46%	0.52%
Project IV	0.00%	5.91%	0.00%	0.00%	0.00%	3.53%
Menominee	7.32%	2.58%	5.36%	5.64%	7.18%	3.85%
Oconto Falls	6.61%	2.33%	4.84%	5.09%	6.48%	3.47%
Prairie State	0.00%	19.82%	0.00%	14.45%	0.00%	14.21%
AFEC	41.87%	34.12%	45.69%	37.94%	61.84%	37.72%
AMP Hydro 1	8.43%	4.47%	7.64%	7.03%	0.00%	5.51%
AMP Hydro 2 Greenup	0.92%	0.86%	1.15%	1.04%	0.00%	0.93%
AMP Hydro 2 Meldahl	2.14%	1.98%	2.64%	2.39%	0.00%	2.13%
AMP Solar	0.00%	0.36%	0.00%	0.00%	0.00%	0.22%
Member	0.00%	0.68%	0.27%	0.00%	0.00%	0.46%
AMP Contracts	14.79%	10.66%	13.09%	10.77%	3.48%	11.11%
Market	19.37%	17.78%	20.55%	15.97%	11.64%	17.91%
Sales	-1.46%	-1.54%	-1.24%	-1.48%	-6.08%	-1.57%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

**Energy Allocation by Source**

Member Hydro	0.00%	0.00%	0.00%	36.56%	63.44%	100.00%
Project IV	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Menominee	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Oconto Falls	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Prairie State	0.00%	83.34%	0.00%	16.66%	0.00%	100.00%
AFEC	3.79%	54.06%	22.15%	16.48%	3.51%	100.00%
AMP Hydro 1	5.23%	48.51%	25.37%	20.89%	0.00%	100.00%
AMP Hydro 2 Greenup	3.40%	55.56%	22.65%	18.39%	0.00%	100.00%
AMP Hydro 2 Meldahl	3.44%	55.54%	22.63%	18.39%	0.00%	100.00%
AMP Solar	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Member	0.00%	89.14%	10.86%	0.00%	0.00%	100.00%
AMP Contracts	4.55%	57.35%	21.55%	15.88%	0.67%	100.00%
Market	3.70%	59.32%	20.99%	14.61%	1.39%	100.00%
Sales	3.12%	58.58%	14.43%	15.50%	8.31%	100.00%
<b>Total</b>	<b>3.42%</b>	<b>59.76%</b>	<b>18.29%</b>	<b>16.38%</b>	<b>2.14%</b>	<b>100.00%</b>

**Energy Allocation Summary  
Year to Date through June, 2019**

	Clinton	Coldwater	Hillsdale	Marshall	Union City	Total
<b>kWh</b>						
Member Hydro	-	-	-	844,514	1,179,989	2,024,503
Project IV	-	5,602,666	-	-	-	5,602,666
Menominee	1,406,507	8,655,430	5,517,837	5,193,258	865,543	21,638,575
Oconto Falls	1,101,186	6,776,529	4,320,037	4,065,918	677,653	16,941,323
Prairie State	-	82,588,841	-	16,514,449	-	99,103,290
AFEC	10,232,882	145,875,894	59,785,812	44,476,777	9,482,925	269,854,290
AMP Hydro 1	2,367,833	21,973,495	11,494,140	9,464,569	-	45,300,037
AMP Hydro 2 Greenup	201,492	3,288,231	1,340,479	1,088,614	-	5,918,817
AMP Hydro 2 Meldahl	458,439	7,409,372	3,019,092	2,453,270	-	13,340,173
AMP Solar	-	933,825	-	-	-	933,825
Member	4,574	1,879,060	307,232	198,380	-	2,389,246
AMP Contracts	3,013,243	62,773,486	14,381,277	9,680,465	1,591,529	91,440,000
Market	5,821,621	185,430,666	31,621,777	20,449,196	3,956,882	247,280,142
Sales	(340,450)	(5,447,308)	(1,517,447)	(2,138,293)	(503,457)	(9,946,955)
<b>Total</b>	<b>24,267,327</b>	<b>527,740,188</b>	<b>130,270,237</b>	<b>112,291,117</b>	<b>17,251,063</b>	<b>811,819,932</b>

<b>\$</b>						
Member Hydro	-	-	-	-	78,268.67	78,268.67
Project IV	-	181,195.03	-	-	-	181,195.03
Menominee	68,918.86	424,116.07	270,373.99	254,469.64	42,411.61	1,060,290.18
Oconto Falls	51,755.74	318,496.87	203,041.76	191,098.12	31,849.69	796,242.18
Prairie State	-	1,479,564.50	-	295,853.43	-	1,775,417.93
AFEC	288,996.37	4,119,817.47	1,688,467.00	1,256,110.22	267,816.14	7,621,207.21
AMP Hydro 1	72,404.02	671,909.27	351,469.78	289,409.20	-	1,385,192.26
AMP Hydro 2 Greenup	638.53	10,420.43	4,247.99	3,449.83	-	18,756.78
AMP Hydro 2 Meldahl	14,016.77	226,541.25	92,308.61	75,008.64	-	407,875.27
AMP Solar	-	17,413.65	-	-	-	17,413.65
Member	288.33	64,540.46	19,104.08	20,986.62	-	104,919.49
AMP Contracts	112,033.20	2,337,466.55	534,958.62	360,045.12	59,046.69	3,403,550.19
Market	204,779.15	6,061,717.39	1,056,760.68	688,561.06	134,760.28	8,146,578.56
Sales	(9,271.57)	(155,002.86)	(43,230.76)	(57,899.26)	(12,754.32)	(278,158.77)
<b>Total</b>	<b>804,559.40</b>	<b>15,758,196.09</b>	<b>4,177,501.77</b>	<b>3,377,092.62</b>	<b>601,398.76</b>	<b>24,718,748.63</b>

<b>\$/kWh</b>						
Member Hydro	-	-	-	-	0.06633	0.03866
Project IV	-	0.03234	-	-	-	0.03234
Menominee	0.04900	0.04900	0.04900	0.04900	0.04900	0.04900
Oconto Falls	0.04700	0.04700	0.04700	0.04700	0.04700	0.04700
Prairie State	-	0.01791	-	0.01791	-	0.01791
AFEC	0.02824	0.02824	0.02824	0.02824	0.02824	0.02824
AMP Hydro 1	0.03058	0.03058	0.03058	0.03058	-	0.03058
AMP Hydro 2 Greenup	0.00317	0.00317	0.00317	0.00317	-	0.00317
AMP Hydro 2 Meldahl	0.03057	0.03057	0.03057	0.03057	-	0.03057
AMP Solar	-	0.01865	-	-	-	0.01865
Member	0.06304	0.03435	0.06218	0.10579	-	0.04391
AMP Contracts	0.03718	0.03724	0.03720	0.03719	0.03710	0.03722
Market	0.03518	0.03269	0.03342	0.03367	0.03406	0.03294
Sales	0.02723	0.02845	0.02849	0.02708	0.02533	0.02796
<b>Total</b>	<b>0.03315</b>	<b>0.02986</b>	<b>0.03207</b>	<b>0.03030</b>	<b>0.03486</b>	<b>0.03045</b>

\* Marshall does not include Hydros in net kWh Calculation

<b>Net</b>						
kWh	24,267,327	527,740,188	130,270,237	111,446,603	17,251,063	811,819,932
\$	804,559.40	15,758,196.09	4,177,501.77	3,377,092.62	601,398.76	24,718,748.63
\$/kWh	0.03315	0.02986	0.03207	0.03030	0.03486	0.03045

\* Marshall does not include Hydros in net kWh Calculation

**Energy Allocation by Member**

Member Hydro	0.00%	0.00%	0.00%	0.75%	6.84%	0.25%
Project IV	0.00%	1.06%	0.00%	0.00%	0.00%	0.69%
Menominee	5.80%	1.64%	4.24%	4.62%	5.02%	2.67%
Oconto Falls	4.54%	1.28%	3.32%	3.62%	3.93%	2.09%
Prairie State	0.00%	15.65%	0.00%	14.71%	0.00%	12.21%
AFEC	42.17%	27.64%	45.89%	39.61%	54.97%	33.24%
AMP Hydro 1	9.76%	4.16%	8.82%	8.43%	0.00%	5.58%
AMP Hydro 2 Greenup	0.83%	0.62%	1.03%	0.97%	0.00%	0.73%
AMP Hydro 2 Meldahl	1.89%	1.40%	2.32%	2.18%	0.00%	1.64%
AMP Solar	0.00%	0.18%	0.00%	0.00%	0.00%	0.12%
Member	0.02%	0.36%	0.24%	0.18%	0.00%	0.29%
AMP Contracts	12.42%	11.89%	11.04%	8.62%	9.23%	11.26%
Market	23.99%	35.14%	24.27%	18.21%	22.94%	30.46%
Sales	-1.40%	-1.03%	-1.16%	-1.90%	-2.92%	-1.23%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

**Energy Allocation by Source**

Member Hydro	0.00%	0.00%	0.00%	41.71%	58.29%	100.00%
Project IV	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Menominee	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Oconto Falls	6.50%	40.00%	25.50%	24.00%	4.00%	100.00%
Prairie State	0.00%	83.34%	0.00%	16.66%	0.00%	100.00%
AFEC	3.79%	54.06%	22.15%	16.48%	3.51%	100.00%
AMP Hydro 1	5.23%	48.51%	25.37%	20.89%	0.00%	100.00%
AMP Hydro 2 Greenup	3.40%	55.56%	22.65%	18.39%	0.00%	100.00%
AMP Hydro 2 Meldahl	3.44%	55.54%	22.63%	18.39%	0.00%	100.00%
AMP Solar	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Member	0.19%	78.65%	12.86%	8.30%	0.00%	100.00%
AMP Contracts	3.30%	68.65%	15.73%	10.59%	1.74%	100.00%
Market	2.35%	74.99%	12.79%	8.27%	1.60%	100.00%
Sales	3.42%	54.76%	15.26%	21.50%	5.06%	100.00%
<b>Total</b>	<b>2.99%</b>	<b>65.01%</b>	<b>16.05%</b>	<b>13.83%</b>	<b>2.12%</b>	<b>100.00%</b>

Expenses vs. Revenue Summary

**EXPENSES**

Debt Service

	Project 1	-	
	Project IV	118,000.00	
	Prairie State	268,966.29	
	Prairie State Capacity	(26,103.97)	
	AFEC	215,972.98	
	AFEC Capacity	(101,377.00)	
	AMP Hydro 1	797,385.40	
	AMP Hydro 1 Capacity	(6,028.77)	
	AMP Greenup	43,629.83	
	AMP Greenup Capacity	(4,089.90)	
	AMP Meldahl	112,287.36	
	AMP Meldahl Capacity	(7,752.00)	
	AMP Solar	-	
	AMP Solar Capacity	(1,477.44)	
	Supplemental Transmission	-	
Total Debt Service/Capacity			1,409,412.78
	Coal	-	
	Ash	-	
	Gypsum	-	
	Limestone	-	
	Natural Gas - Lighters	-	
	-	-	
	FTF Tons	-	
	Petroleum Coke	-	
	Other 4	-	
	Total Coal Related	-	
	Natural Gas - Clayton Boiler	-	
	Natural Gas - FTF	-	
	Fuel Oil - Vehicle	-	
Project 1 Fuels			-
Project IV Fuel			57,035.42
Prairie State O&M			197,191.25
AFEC O & M			671,817.17
AMP Hydro 1 O & M			(34,088.24)
AMP Greenup O & M			8,125.05
AMP Meldahl O & M			10,744.31
AMP Solar			6,293.95
AMPGS Stranded Costs			15,000.00
Coldwater Peaking Plant O&M			-
Menominee Hydro			110,622.01
Oconto Falls Hydro			94,885.18
A/P Run			38,956.60
	Labor (straight time)	103,467.57	
	Labor (overtime)	377.48	
	Labor (Other)	30,465.01	
Labor			134,310.06
Recyclean FTF Consulting			-
Pension			38,914.55
Trustee Fees			-

Expenses vs. Revenue Summary

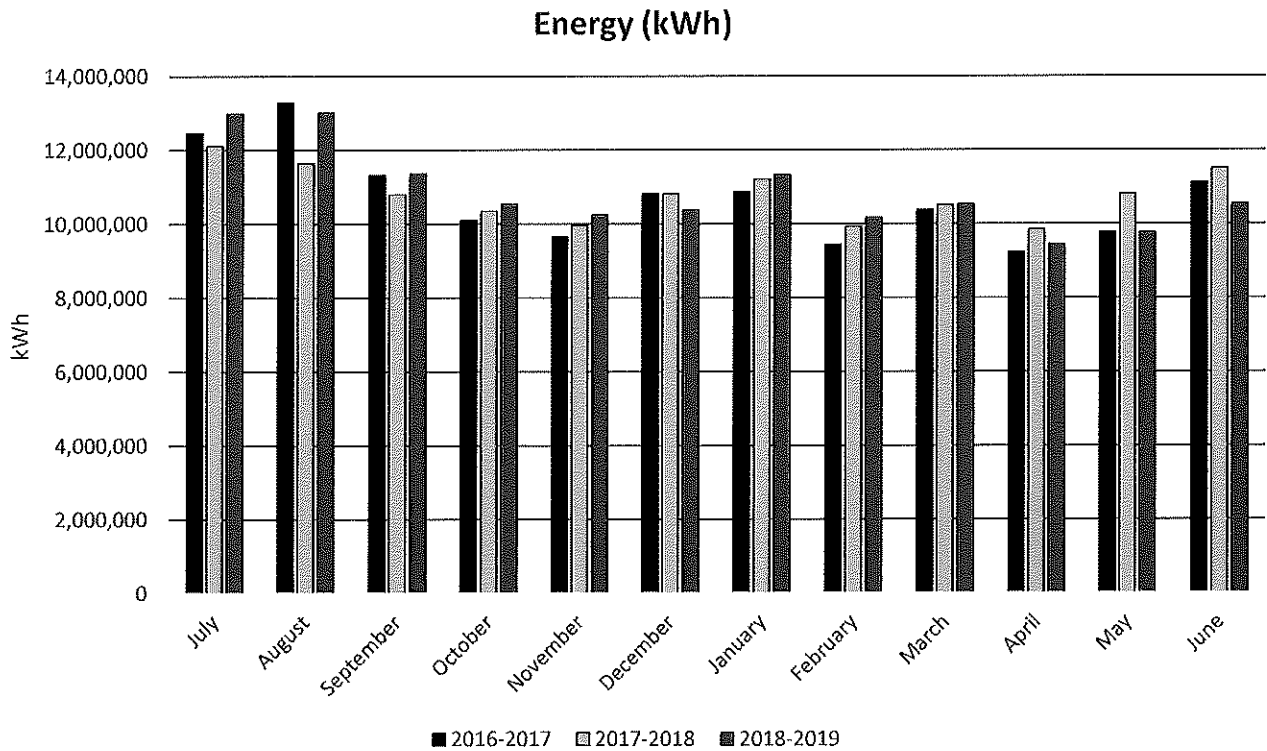
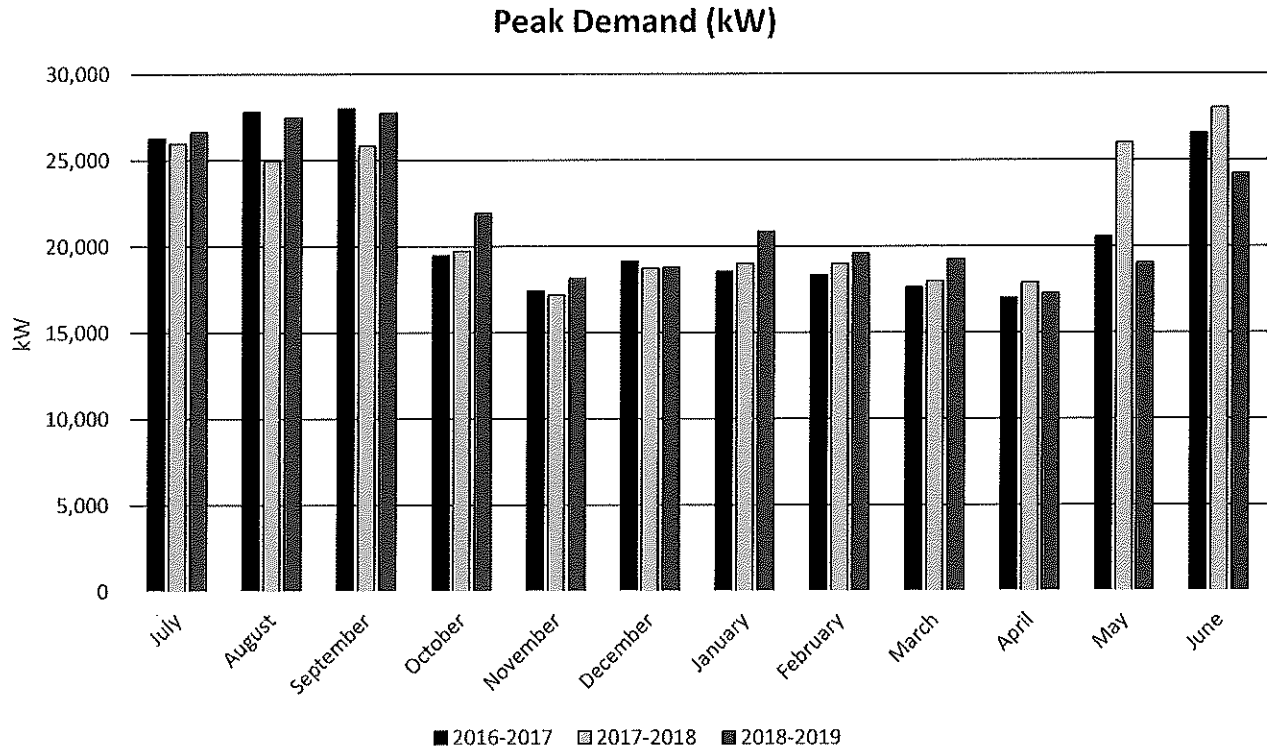
Project IV Capital		-
Chemicals		-
Insurance		9,338.78
In Lieu of Taxes		-
	Project 1 KVAR only	-
	Clinton	-
	Coldwater	-
	Hillsdale	232.41
	Marshall	-
	Union City	-
O & M Substation & KVAR Expense		232.41
	Michigan Gas Utilities	122.85
	Consumers Energy	510.03
Gas Customer Charge		632.88
Supplemental Purchases		
	AMP Contracts	240,327.33
	Transmission Utilization Adjustment	-
	AMP Dispatch/NERC/MISO Transmission Charges	308,829.18
Total Purchases		549,156.51
MISO Invoice Summary (Including Purchases)		1,259,547.44
AMP--PJM LMP's and Congestion Credit		(913,402.39)
AMP Leidos Study		-
Clinton Wholesale Distribution Service		13,258.62
Purchased Power Members		20,677.83
Dispatch Authority		-
Coldwater Solar Station Use		6,242.61
FTF Tipping Fees		-
FTF Steel Revenue		-
FTF REC Revenue		-
Pipeline Minimum Use Reserve Fund		-
Severance and Related Fund		-
AMP/MPPA Invoiced Capacity		133,615.00
Endicott Reactive Credit		-
MIRECS Registration Fees		-
Emissions/Environmental Expense		-
	Clinton	-
	Coldwater	-
	Hillsdale	-
	Marshall	14,482.13
	Union City	6,173.09
To Rate Stabilization Fund		20,655.22
	Clinton	541.53
	Coldwater	17,164.65
	Hillsdale	2,533.46
	Marshall	2,005.96
	Union City	404.27
AMP Service Fee A ( Current & Prior Month)		22,649.87
	Project IV Labor	15,614.46
	Project IV Other	23,774.81
	Project IV Bond Fees	-
	Project IV Insurance	-
Project IV Total Other Costs		39,389.27
Future Power Supply Study		-



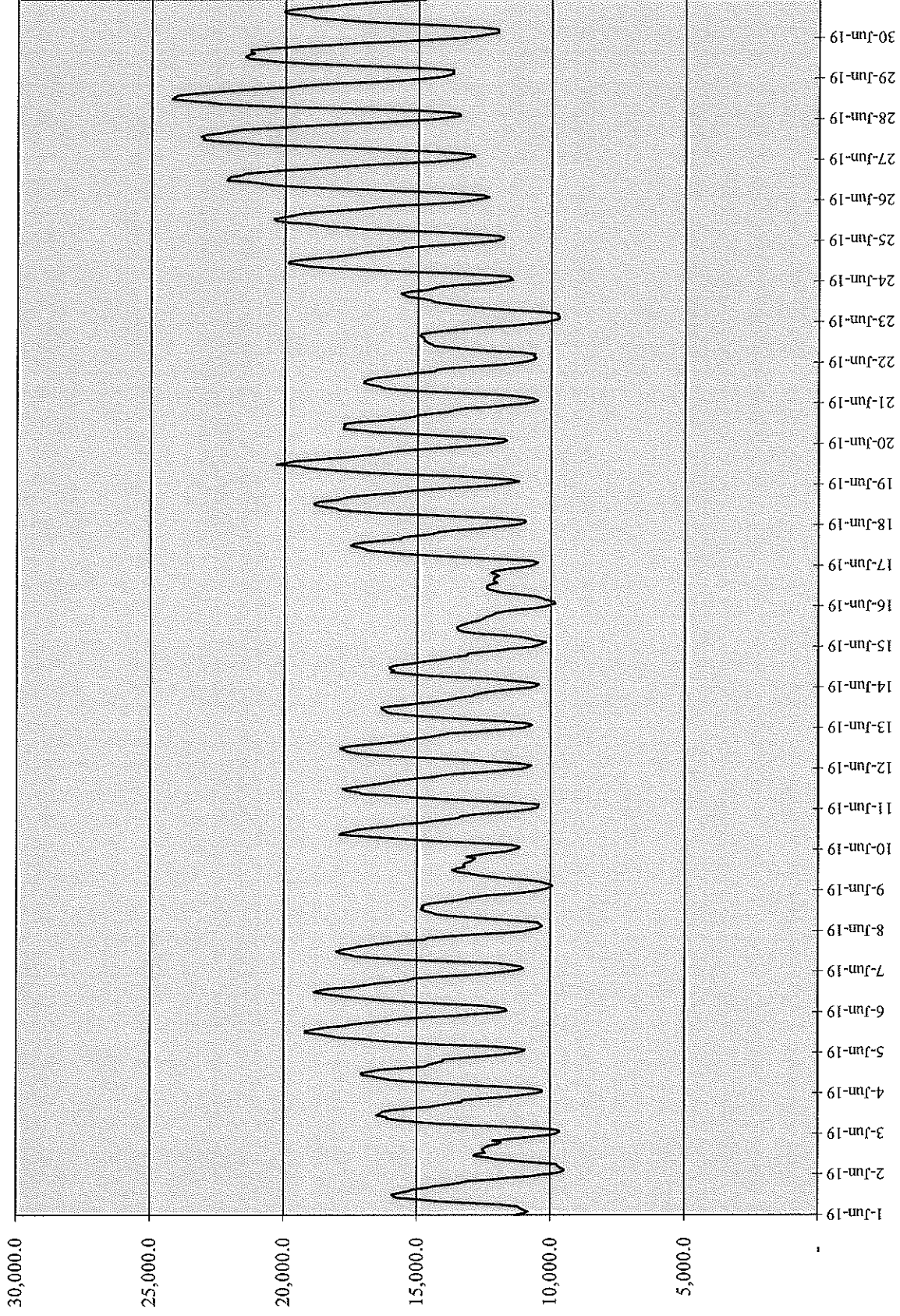
Expenses vs. Revenue Summary

<b>TOTAL EXPENSES</b>			<u><u>3,921,214.14</u></u>
<b>CREDITS</b>			
	Clinton	-	
	Coldwater	(6,242.61)	
	Hillsdale	(1,773.08)	
	Marshall	-	
	Union City	<u>(12,662.13)</u>	
Purchased Power Members			(20,677.83)
	Clinton	-	
	Coldwater	(243,558.23)	
	Hillsdale	-	
	Marshall	-	
	Union City	<u>-</u>	
Rate Stabilization Fund Usage			(243,558.23)
	Clinton	-	
	Coldwater	290.98	
	Hillsdale	71.07	
	Marshall	60.13	
	Union City	<u>-</u>	
MIRECS Charges			<u>422.18</u>
	Clinton	-	
	Coldwater	-	
	Hillsdale	-	
	Marshall	-	
	Union City	<u>-</u>	
Member Insurance			-
	Clinton	-	
	Coldwater	-	
	Hillsdale	-	
	Marshall	-	
	Union City	<u>-</u>	
Prior Period Adjustments			-
<b>TOTAL CREDITS</b>			<u><u>(263,813.88)</u></u>
<b>REVENUE REQUIRED</b>			<u><u>3,657,400.26</u></u>
	Clinton	144,955.82	
	Coldwater	2,090,790.17	
	Hillsdale	702,051.38	
	Marshall	652,921.15	
	Union City	<u>66,681.74</u>	
<b>TOTAL INVOICED</b>			<u><u>3,657,400.27</u></u>
Invoiced vs. Required			0.00
Plus 3rd Party Payment		-	
Gain / (Loss)			0.00
Invoice Rounding Error			(0.00)
Program Calculation Error			-
MISO Rounding			(727.10)

# Hillsdale - Demand and Energy History



Hillsdale Net kWh



CITY COUNCIL MINUTES

City of Hillsdale  
Council Chambers  
July 1, 2019  
7:00 P.M.

Regular Meeting

Call to Order and Pledge of Allegiance

Mayor Adam Stockford opened the meeting with the Pledge of Allegiance.

Roll Call

Mayor Adam Stockford called the meeting to order.

Council Members present: Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Council Members absent: Matthew Bell, Ward 4  
William Zeiser, Ward 3

Motion to excuse Council Member Zeiser by Council Member Morrissey, seconded by Council Member Briner.

By a voice vote, the motion passed unanimously.

Also present were: Attorney Jack Lovinger, Katy Price (City Clerk), Jake Hammel (DPS), Chris McArthur (BPU Director), Scott Hephner (Chief of Police/Fire), Peter Merritt (City Treasurer), Sam Fry (HDN), Doug Sanford (9-1-1) Penny Swan, Dennis Wainscott and Mike Prince.

Approval of Agenda

Motioned to approve the agenda by Council Member Morrissey, seconded by Council Member Sharp.

Roll call:  
Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Motion passed 5-0.

Public Comment

No comments

Consent Agenda

- A. A. Approval of Bills
  - 1. City Claims of June 13, 2019, 2019: \$434,289.92
  - 2. BPU Claims of June 13, 2019: \$229,895.29
  - 3. Payroll of June 27, 2019: \$171,875.18
- B. City Council Minutes of June 17, 2019 Regular Meeting
- C. EDC Minutes of April 18, 2019
- D. PC Minutes of May 21, 2019

- E. Library Minutes of June 13, 2019
- F. May 2019 Financial Reports

Council Member Morrissey, seconded by Mayor Stockford, moved to approve the Consent Agenda.

Roll call:

Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Motion passed 5-0.

Communications/Petitions

- A. 911 Millage – Doug Sanford
- B. All American Celebration Flyer
- C. Tuesdays in the Park Summer Concert Series Flyer
- D. MSCPA Notice of Cancellation
- E. Comcast Letters

Mr. Sanford presented 9-1-1 services offered and gave a brief overview of the millage for the upcoming August election.

The items of communications were received for informational purposes only.

Introduction and Adoption of Ordinances/Public Hearings

Unfinished Business

- A. I.C.E. Grant – Verbal Update

Jake Hammel, DPS director updated council on project. Base course is down on Spring street and north end of Rippon avenue as well as the intersection of Bacon street. Contractor has installed concrete slab over culvert and 200ft sidewalk on streets have also been accomplished along with 1400ft of edge drain from Westwood street to Bacon street.

- B. Hallett Street – Verbal Update

Jake Hammel, DPS director gave update on the project. The contractor has done a great job the plumbing, base and top course completed, driveways done and concrete and asphalt is completed. Estimated project end date July 5, 2019.

Old Business

No old business

New Business

- A. MDOT Contract TDEF Category B Program

DPS Director Hammel reviewed the contract and proposed resolution.

Council Member Sharp, seconded by Council Member Briner to approve MDOT Contract # 2019-5362 and resolution. Resolution 3384.

Roll call:

Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3

Raymond Briner, Ward 4

Motion passed 5-0.

B. TDEF Category B Program Contractor Recommendation

DPS Director Hammel reviewed the contractor proposal and recommendation.

Council Member Sharp, seconded by Council Member Morrissey to approve the low bidder Excel Paving Plus in the amount of \$215,401.00.

Roll call:

Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Motion passed 5-0.

Council Member Morrissey, seconded by Council Member Sharp to award the chip seal contract to Highway Maintenance & Construction in the amount of \$305,370.00

Roll call:

Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Motion passed 5-0.

C. Resolution to Revoke IFT Certificate Number 2014-256, issued to Metallist, Inc.

Council Member Stockford, seconded by Mayor Stockford to approve the resolution revoking the IFT Certificate Number 2014-256. Resolution 3385.

Roll call:

Adam Stockford, Mayor  
R. Gregory Stuchell, Ward 1  
William Morrissey, Ward 2  
Bruce Sharp, Ward 3  
Raymond Briner, Ward 4

Motion passed 4-1.

Miscellaneous Reports

Re-appointment of Amanda Janes to the EDC Board

Council Member Morrissey, seconded by Council Member Stuchell to reappointment Amanda Janes to the EDC Board.

By a voice vote, the motion passed unanimously.

General Public Comment

No comments

City Manager's Report

No report

July 1, 2019

City Council Minutes

Council Comments

Mayor Stockford discussed the MSCPA meeting on Monday, June 24, 2019.

Council Member Stuchell spoke on the butterfly broken from the bear statues and thanked White's Welding for fixing it.

Council Member Sharp expressed his displeasure about the backboards on the basketball hoops at Sand Beach that were vandalized recently.

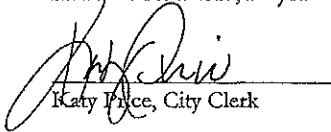
Adjournment

Council Member Morrisey, seconded by Council Member Sharp moved to adjourn the meeting. By a voice vote, the motion passed unanimously.

The meeting adjourned at 8:04 p.m.



Adara L. Stockford, Mayor



Katy Price, City Clerk

**MINUTES OF THE MICHIGAN SOUTH CENTRAL POWER AGENCY  
BOARD OF COMMISSIONERS REGULAR MEETING**

June 24, 2019  
9:00 a.m.

168 Division Street  
Coldwater, MI 49036

**NOTICE OF MEETING:**

A public notice had been posted in accordance with Open Meetings Act No. 267, Public Acts of Michigan, 1976.

**COMMISSIONERS PRESENT:**

Kevin Cornish, Clinton; Jeff Budd, Coldwater; David Mackie, Hillsdale; Thomas Tarkiewicz, Marshall; Chris Mathis, Union City

**ALTERNATE COMMISSIONERS PRESENT:**

Chris McArthur, Hillsdale; Ed Rice, Marshall; William Avery, Union City

**OTHERS PRESENT:**

Paul Beckhusen, Robert Russell and Christina Bernard, MSCPA; Don Reid, Coldwater Daily Reporter; and residents from the member municipalities.

**CALL TO ORDER:**

Chairman Tarkiewicz called the meeting to order at 9:00 a.m.

Mr. Mathis requested that the meeting begin with public comment. Chairman Tarkiewicz agreed.

**PUBLIC COMMENT:**

Barry Hill, Hillsdale BPU Chairman, stated that there is an opportunity to save money and voiced support from the Hillsdale Board to terminate the General Manager.

Adam Stockford, City of Hillsdale Mayor, spoke in support of Mr. Hill's comments and stated that the City Council also supports the termination. Mr. Stockford urged the MSCPA Board to be fiscally responsible.

Dennis Wainscott, Hillsdale, voiced concern for the citizens that are paying for these positions. Mr. Wainscott encouraged the Board to realize that this money is coming from the people.



Ed Elkins, Coldwater, questioned if the Board is thinking about residents who live on a limited income.

David Mathis, Union City, stated that he is very disappointed in what he is reading. He noted the payment on the building and the General Manager's severance package and salary.

Dan Corwin, Coldwater, indicated that he believes in total transparency and questioned how money was spent without oversight. Mr. Corwin thinks that an attorney should be hired to analyze the contract. He finalized his comments by wanting to know why the results of the investigation were not made public.

Penny Swan, Hillsdale, stated that this issue has caught the attention of the people in Hillsdale. She mentioned that the public comment is at the end of the agenda and may not give citizens an opportunity to have input on business.

John Schroll, Coldwater BPU Chairman, pointed out that you must have people with unique skills to get the job done. He stated that you can't run anything if there is constant criticism of people who make decisions. Mr. Schroll voiced support for Paul Beckhusen in his position.

Chairman Tarkiewicz clarified that Mr. Beckhusen's current salary is \$204,000 and stated that General Managers of other joint action agencies are paid a higher salary. He noted that later in the agenda, he is recommending a proposal to study options that are available and look at what the future should be as an Agency.

Mr. Cornish mentioned the difference in pay for employees that are highly skilled and in demand and stated that the General Manager is below the average salary for agencies.

Mr. Mathis stated that he would like to look up an average wage for a General Manager of a five member agency.

**JUNE 13, 2019 REQUEST FROM THE CITY OF HILLSDALE:**

Mr. Mackie stated that as the Agency transitions towards a no employee organizational model, it is unnecessary to pay a General Manager \$500,000. He recommended that the Agency limit its spending to \$250,000 by exercising Section 1(F) of the General Manager's contract.

MOTION: Mr. Mackie moved, supported by Mr. Mathis, to terminate the General Manager's contract pursuant to Section 1(F) effective June 30, 2019.

Mr. Cornish indicated that if the General Manager is terminated today, then we will need someone to run the Agency and he doesn't see the cost savings.

Mr. Mathis clarified that the Agency will save \$250,000 by having to pay severance and wouldn't have to pay the annual salary. He stated the members would save money if they transitioned to receiving services from one of the other agencies.

Mr. Cornish stated he did not agree and said they would end up paying more in the short term and the Agency needs to figure out how to move forward. If there is a possibility to go with one of the other agencies, that decision cannot be made until the members know if they legally can provide services and then pursue it if there is a savings. He finalized his comments by stating that with any transition there needs to be an incentive for employees to stay and run the Agency.

Mr. Mathis said it is clear that Union City and Hillsdale feel we do not need the General Manager past this point. He indicated the Agency ceased being a joint action agency about a year ago and the other members fail to address the concerns of Hillsdale and Union City.

Mr. Mackie indicated that Hillsdale has not taken this decision lightly and met with AMP and MPPA about the services they can provide. He stated that the Finance Director, the Board, the other agencies, and the legal team can handle this transition.

Mr. Budd stated that he votes for the best interest of Coldwater. The Board voted for the contract and Mr. Mathis seconded the motion. He feels that everything the members do is always very transparent. He indicated that on average Coldwater pays 65% of the costs and only has 20% of the vote. He has concerns that there are no plans for the short term and the Board needs to make the best decisions. He stated that there are things that Mr. Beckhusen does for the members that get overlooked and the Coldwater Mayor and Board fully support him. Coldwater wants to move forward but to terminate the contract with no plans is fiscally irresponsible.

Mr. Mackie stated that bid documents were not provided to the investigator and Coldwater did not have to provide all the information related to the building.

Mr. Budd indicated that Coldwater provided everything that the investigator requested and she was not hired to investigate Coldwater.

Chairman Tarkiewicz clarified that the investigation did not find the General Manager violating any MSCPA policies and we did not have the right to investigate Coldwater. He

stated that the cost from MPPA does not include any management services. Mr. Beckhusen's contract is the same contract except for one area that Glen White had when he was the General Manager. Marshall has immediate needs with their load doubling by September 1<sup>st</sup> and in less than three years will have a 500% increase in their load. He stated that Marshall needs Mr. Beckhusen's expertise. Terminating the contract today is not the right thing for Marshall or the Agency and the Board needs to make an informed decision.

Mr. Mathis stated he understands that Coldwater, Marshall, and Clinton all have needs but they are making Hillsdale and Union City pay for a percentage of those needs. He thinks continually 40% of the Board gets discounted and it is not fair to their communities.

A roll call vote was taken, with two members voting Yes (Mathis, Mackie) and three members voting No (Budd, Tarkiewicz, Cornish).

Motion failed 2-3.

#### **APPROVAL OF MINUTES:**

MOTION: Mr. Cornish moved, supported by Mr. Mackie, to approve the minutes of the May 10, 2019 Regular Meeting and May 10, 2019 Work Session, as written.

By a voice vote, motion carried unanimously.

#### **FINANCIAL:**

##### Approval of April 2019 Financial Statements and Investment Report

MOTION: Mr. Cornish moved, supported by Mr. Budd, to receive and file the April 2019 Financial Statements and Investment Report.

By a voice vote, motion carried unanimously.

##### Approval of April 2019 Invoices

MOTION: Mr. Budd moved, supported by Mr. Cornish, to approve the April 2019 Invoices, check numbers 86828 through 86854, including wire transfer payments, paid in the amount of \$3,761,664.87.

By a voice vote, motion carried unanimously.

Consideration of the Fiscal Year 2019/2020 Budget

Mr. Beckhusen requested consideration of the proposed Fiscal Year 2019/2020 Budget.  
Mr. Russell gave a presentation on the proposed budget to the Board.

MOTION: Mr. Cornish moved, supported by Mr. Budd, to adopt the Fiscal Year 2019/2020 Budget, as presented.

A roll call vote was taken, with all members voting yes.

Motion carried unanimously.

Mr. Beckhusen requested to change the MERS allocation.

MOTION: Mr. Cornish moved, supported by Mr. Mackie, to change the MERS allocation from total energy to Project I.

By a voice vote, motion carried unanimously.

MOTION: Mr. Cornish moved, supported by Mr. Budd, to authorize the Agency to pay an additional \$50,000 to MERS on top of the \$30,000 current payment monthly for Fiscal Year 2019/2020.

By a voice vote, motion carried unanimously.

Mr. Russell reviewed the Renewable Energy Plan Annual Report that was submitted to the MPSC.

**GENERAL MANAGER REPORT:**

The auditors will be here on July 23<sup>rd</sup>.

Power Supply

Project IV has been running eight hours a day for testing to collect performance and reliability data. Andrew Arlt was hired to fill a vacant operator position.

Prairie State issued their annual operating report. The plant will have a planned outage in September and participants will discuss replacement power needs and options.

The AFEC planned outage went well.

The hydro units had increased production as river conditions improved.

Transmission

We continue to work on the kVAR issue with ITC.

Consumers Energy is presenting an opportunity to offer transmission at a discount.

Legal

None.

Miscellaneous

None.

**OTHER BUSINESS:**

Election of Officers

MOTION: Mr. Budd moved, supported by Mr. Cornish, to re-elect the current Board Officers for Fiscal Year 2019/2020.

Mr. Mathis stated that Mr. Mackie has shown the drive and determination regarding the Agency and would like to see him as the Chairman and Mr. Tarkiewicz as the Vice Chairman.

A roll call vote was taken, with three members voting Yes (Cornish, Tarkiewicz, Budd) and two members voting No (Mackie, Mathis).

Motion carried 3-2.

The Board Officers are as follows:

Chairman	Thomas Tarkiewicz
Vice Chairman	Kevin Cornish
Treasurer	Jeff Budd
Secretary	Christina Bernard
CEO/General Manager	Paul Beckhusen
Assistant Treasurer	Robert Russell

Strategic Plan Status Update and Review

Mr. Beckhusen gave a presentation and discussed the status of each goal. Chairman

Tarkiewicz indicated that the Board will need to revise the strategic plan and give direction to Mr. Beckhusen.

Mr. Mackie stated Hillsdale will be transitioning away from the Agency and recognizes that they have liabilities.

Chairman Tarkiewicz proposed that the Board wait on making any changes to the strategic plan until a decision is made on the future of the Agency.

#### Consideration of Courtney & Associates Administrative Evaluation Proposal

Chairman Tarkiewicz stated that John Courtney was a Marshall Board Member for the Agency and at that time he researched some of this information.

MOTION: Mr. Cornish moved, supported by Mr. Mackie, to enter into an agreement with Courtney & Associates to perform the administrative evaluation, to share those costs equally among the members and, to appoint Hillsdale and Clinton to refine the scope of work and be the lead contacts in the study.

By a voice vote, motion carried (Mathis opposed).

#### **MEMBER'S MUNICIPALITY UPDATE:**

##### Clinton

Mr. Cornish stated that they are working on road projects and water and sewer capital improvements. The iron removal plant is running.

##### Coldwater

Mr. Budd stated that they are doing a Phase I Fiber Project and looking at a Phase II. They have a lot of electric work coming up and will have a wastewater rate increase.

##### Hillsdale

Mr. Mackie stated that they are working on a large infrastructure project and road projects. They are finishing up the sewer treatment plant project and will start renovating the theatre in July.

##### Marshall

Mr. Tarkiewicz stated that the Fiber Project has over 1,000 customers connected. The power plant is moving ahead and planning on Spring 2020 construction. The grow facilities are both planning on running around September 1<sup>st</sup>.

Union City

Mr. Mathis thanked John Sanger and Chris Bernard for their service to the Agency.

**PUBLIC COMMENT:**

Dan Corwin, Coldwater, clarified that it was incorrect when he said there wasn't supervision.

Penny Swan, Hillsdale, restated that with the public comment at the end of the agenda, citizen input isn't considered for the business at hand. She indicated that it's more transparent if public comment is at the beginning.

Dennis Wainscott, Hillsdale, said that he doesn't think it's too complex for transparency and to let the public know what is going on.

Jill McCombs, Union City, stated that it seems like this is a very divided Board.

**CLOSED SESSION:**

Chairman Tarkiewicz explained that a motion is required to move into closed session.

To consider a periodic personnel evaluation of a public officer, employee, staff member, or individual agent, if the named person requests a closed hearing.

MOTION: Mr. Cornish moved, supported by Mr. Budd, to convene in closed session to consider a periodic personnel evaluation of the General Manager, pursuant to the Open Meetings Act 15.268, Section 8(a). The General Manager has requested a closed hearing for this matter.

A roll call vote was taken, with three members voting Yes (Cornish, Tarkiewicz, Budd) and two members voting No (Mackie, Mathis).

Motion carried 3-2.

The Board reconvened in open session.

**Consideration of General Manager's Employment Contract Renewal**

MOTION: Mr. Mackie moved, supported by Mr. Budd, pursuant to Section 1(C) of the September 29, 2017 Employment Agreement for the General Manager with MSCPA, to give formal written notice of MSCPA's intent to not renew the agreement beyond the original term ending June 30, 2020.

A roll call vote was taken, with all members voting yes.

Motion carried unanimously.

This notice is not a reflection on the General Manager's performance. It is designed to allow the Agency flexibility while evaluating its' organizational structure. The Agency is committed to working together for the benefit of our communities.

Mr. Beckhusen requested consideration of the Deferred MISO Transmission GFA.

**MOTION:** Mr. Cornish moved, supported by Mr. Mackie, to release and recognize the Deferred MISO Transmission GFA and related Deferred MISO Transmission Revenue of \$579,394.90 during Fiscal Year 2020 in 12 equal installments. The monthly credit of \$48,282.91, starting with the July 2019 service invoice, will be credited to the members in the same proportion as the monies were originally collected at the time of deferral.

By a voice vote, motion carried unanimously.

**ADJOURNMENT:**

With no further business to come before the Board, the meeting adjourned at 2:45 p.m.

---

Thomas Tarkiewicz, Chairman

---

Christina Bernard, Secretary



Economic Development Partnership of Hillsdale County  
Minutes of Regular Meeting  
June 13, 2019

**Board Members Present:** Rick Schaerer, Don Germann, Chris McArthur, Duke Anderson, Kym Blythe, Jeff Gray, John Condon, Tom Condon, Julie Games, Vicki Morris, David Mackie, Doug Terry, Nick Krzeminski, Ron Griffith, Ronna Steel, Bill Sleight

**Board Members Absent:** Trevor Pibbles, Ned Bever, Anthony Parker, Tony Samon

**Staff:** Susan Smith, Annette Sands

**Call to Order:** 8:00 a.m.- Rick Schaerer

- Motion by Duke Anderson to approve Agenda  
Support by Nick Krzeminski, unanimously approved
- Motion by Julie Games to approve April 2019 Minutes  
Support by Chris McArthur, unanimously approved
- Motion by Doug Terry to approve Treasurer's Report  
Support by Nick Krzeminski, unanimously approved
- Motion by Doug Terry to approve 2019-2020 Budget  
Support by Nick Krzeminski, unanimously approved
- Motion by Chris McArthur to approve Director's Report  
Support by Nick Krzeminski, unanimously approved
- Motion by Don Germann to approve updated signatory cards at County National Bank and Century Bank to include: Susan Smith, Rick Schaerer, Vicki Morris, Don Germann  
Support by Ron Griffiths, unanimously approved
- Motion by Don Germann to transfer funds from savings account into a CD at CNB. Terms 39 months, rate 2.98%. No Penalty for early withdrawal.  
Support by Ron Griffiths, unanimously approved

**Treasurer's Report:** this consisted of an overview of the EDP's current fiscal year financials. There is currently an Income of Expenses of **\$21,784** for the fiscal year. Still expect to meet budget, this reflects a break- even year. The current total assets are \$249,632 with \$226,770 in cash. Also presented the 2019-2020 Budget, which presents a balanced budget again. This at \$190,450 for income and expenses for the fiscal year. -unanimously approved

**Director's Report:** consisted of an overview of happening at the EDP.

- Update on happenings with partners at MWSE
- Leadership Hillsdale Program in partnership with Spring Arbor University, HCCF
- USDA Rural Development Lunch and Learn Program on June 24<sup>th</sup>
- Annual Dinner update: Will be held at the Elks in mid-September, changing from dinner to hors d'oeuvres. Increasing the reception portion of the evening, provide a brief economic update and present Howell & Purdy awards.

- Presentations& updates at LDFA, Litchfield and provided report to Hillsdale EDC
- 2B District Job Fair will be taking place on June 26, from 4-6pm
- Wage and Benefit Survey- attached document
- Salesforce database will be implemented at the EDP. Most Economic Developers and Michigan Works throughout the state are currently utilizing
- Business Visits/Meetings-Core Coil, Precision Metal Arts, CNB/Lois Howard, Hillsdale Buick GMC- Energy Efficiency rebate program, Precision Metal Technologies, Johann Van De Weerd co./Phil Wilson, Jems of Litchfield, MEDC
- Meeting with MEDC, MDOT, City of Jonesville, and Martinrea
- Meeting with USDA to meet Jason Allen, newly appointed by President Trump as the State Director for USDA Rural Development in Michigan, BJ Haire, Lisa Hewitt-Cruz and Josh Church. The Lunch and Learn discussion was initiated at this luncheon.
- Brian Calley, President of the Small Business Association of Michigan and Michigan's 63rd Lieutenant Governor was the May TRENDS luncheon speaker.
- Meeting with Jonesville Pathway teachers to discuss current success outcomes from the Regional Prosperity Grant funding
- Attend meeting at the Hillsdale ISD for input on direction and selection of the next Superintendent.
- Arrange meeting with Kelly, Drew Homovec, owner of Core Coil at 221 Industrial Drive.
- Key Opportunities and CAA Board and Committee meetings
- GAAR Challenge Grant reviews, held in Lenawee County

**Round Table Discussion:**

- Ronna is not leaving community, just taking the job at Union City where she started career
- David Mackie- provided update on the following:
  - asphalt should be going down soon on all the road projects
  - Dawn Theater renovations-1.3 million grant, set to begin in August, estimated 18 month project
  - In May, 23-25 Broad Street has been torn down
  - conversations with USDA in regards to the airport, possible new terminal
- Kym Blythe –Reading is working with USDA on grant for patrol car and project at former Dollar General for pavilion and downtown parking
- Nick Krzeminski- Michigan Gas is seeking Employees and having a difficult time as with others- Service Techs position seeking at this time
- Ron Griffiths- SAU & EDP partnership for Trends Luncheon. Invitation if any topic suggestions, please let EDP know happy to research
- Bill Sleight- MWSE just completed Turn-Over survey. Will be rolling out soon for distribution
- Jeff Gray- Site assessment for environmental on Klein Tool Building
  - DOT signal replacement project will begin in July

**Lease Proxy Vote**

- 17 approval votes
- 3 non-responses due to vacation and 1 vacancy.

**Adjournment:** 8:40 a.m. – Rick Schaerer

Respectfully submitted,

Annette Sands



# Community Action Agency

PROMOTING SELF-SUFFICIENCY

BPU Monthly Report – July 2019

Total Number of Households Served = 5

Allocation – \$1,730.08

Revenue – Has not been credited to account

---

Balance in Account - \$17,050.76

Thank you

Sherry Bernklau  
Information and Evaluation Manager  
Community Action Agency  
Phone: 517-437-3346 ex 3232  
Fax: 517-437-3480

• Jackson  
1214 Greenwood  
Jackson, MI 49203  
(517) 784-4800  
(800) 491-0004  
Fax: (517) 784-5188  
www.caajlh.org

• Lenawee  
400 W. South St.  
Adrian, MI 49221  
(517) 263-7861  
(800) 438-1845  
Fax: (517) 263-6531  
www.caajlh.org

• Hillsdale  
55 Barnard Street  
Hillsdale, MI 49242  
(517) 437-3346  
(800) 750-9300  
Fax: (517) 437-3480  
www.caajlh.org

TDD: (800) 649-3777

