



**MED  
Power Board  
MED Power Board  
February 20, 2019, 9:30 am - 11:30 am  
City Council Chambers**

**MINUTES and DOCUMENTS**

# Table of Contents

Cover Page	1
Table of Contents	2
Minutes	3
Board Minutes - January 2019	4
Balance Sheet Jan 2019	8
Revenue_Expense Jan	9
Ratios Jan	10
Bad Debt Analysis - FY2019 -003-	11
Disbursements -003-	12
Safety Report	13
Material Purchases . February 2019	14
March 2019 FCA Summary	15
Employee Recognition - Habitat for Humanity	16
Employee Compensation or Position Changes	17
Comp Ranges	18
City Projects	19
Fiber Summary - February Power Board	20
LED Summary - February Power Board	21
On-Site IT Professional Services	22

## **MINUTES**

### **MED**

#### **Power Board**

#### **MED Power Board**

**Wednesday, February 20, 2019, 9:30 am - 11:30 am**

#### **City Council Chambers**

- A. Call To Order
- B. Regular Business
  - 1. Minutes
- C. Informational
  - 1. Financials
  - 2. Disbursements
  - 3. Uncollectable Accounts
  - 4. Safety Loss Control Activities
  - 5. Material Purchases
  - 6. Fuel Cost Adjustment
- D. Reports
  - 1. General Manager Report - PD Mynatt
  - 2. HR Report - Gena Dix
  - 3. City Projects - Philip Lim
  - 4. Fiber Optics Strategic Report - Chris Barns
  - 5. LED Lighting
- E. Action Items
  - 1. On-Site IT Professional Services
- F. Other

**REGULAR MEETING OF THE BOARD OF  
MURFREESBORO ELECTRIC DEPARTMENT**

**January 23, 2019**

The Board of Murfreesboro Electric Department (MED) met in regular session at 9:30 a.m., Wednesday, January 23, 2019, in the City Council Chambers at 111 West Vine Street, Murfreesboro, Tennessee.

Members Present: Rick Hardesty, Chair  
Irene Pitts-McDonald, Vice-Chair  
Richard Stone, Member  
Ross Bradley, Member  
Rick LaLance, Member

Also present were P.D. Mynatt, General Manager; Lori Williams, Secretary-Treasurer; Darren Gore, Assistant City Manager; and Adam Tucker, City Attorney.

Other MED staff members present were Philip Lim, Gena Dix, Daphnea Anderson, Jackie Whitaker, John Florida, Chris Barns, Daniel Burks, and Lance Jones. Also, present was William Warlick.

Mr. Hardesty called the meeting to order.

Mr. Bradley made a MOTION to approve the minutes of the regular meeting held December 19, 2018. Mr. Stone SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Ms. Williams presented information on December 2018-2017 financial reports. A list of December 2018 disbursements totaling \$11,128,592.79 and a list of uncollectible accounts for December 2018 in the amount of \$23,203.37 were presented for review. Additional information showing uncollectable accounts and payments on uncollectable accounts for fiscal year 2019 was presented.

Ms. Williams also presented a Cash Management summary for interest earned for December 2018 including interest rates for First Tennessee Bank and Tennessee Valley Authority. Mr. Stone recommended bidding the investment of

\$30 million in certificates of deposits. Ms. Williams will present recommendations at the next Board meeting.

In the Safety and Loss Control Activities, Mr. Mynatt reported no new incidents since the last month. Mr. Mynatt reviewed the 2018 Safety & Loss Control Report with four recordable accident cases.

Mr. Mynatt reported December 2018 material purchases under \$25,000 of \$227,002.61, purchases between \$25,000 and \$50,000 of \$96,287.50, and transformers purchased under the TVA contract of \$55,755.00.

Mr. Mynatt also reported the February 2019 total monthly fuel cost will be 1.909 cents per kilowatt-hour for standard service customers, 1.863 cents per kilowatt-hour for large manufacturing customers, and 1.835 cents per kilowatt-hour for large general service customers. The overall system average fuel rate for February is approximately 3% higher than the three-year average February FCA primarily due to higher expectations for sales and higher December gas prices.

In the General Manager's Report, Mr. Mynatt reported that Osmose Utilities Service has inspected approximately 8,640 utility poles since August 2018. There have been 314 reject poles and of those, 226 poles are restorable with the remaining 88 poles that are non-restorable with 37 needing to be replaced within 90 days.

Mr. Mynatt reported that MED had an outage on January 2<sup>nd</sup> at 7:31 a.m. The outage was caused by a contractor that was installing a temporary service and drove a grounding rod into the buried underground cable. Most of the customers were restored by 9:10 a.m. with the remaining customers located near the fault restored by 10:10 a.m. The contractor did not report the damage which caused the delay in locating where the fault occurred.

Mr. Mynatt reported that MED will be collecting items for the United Way and Rutherford County Health Department's Community Baby Shower which will be held on February 9<sup>th</sup> at Patterson Park. Donations will be accepted through February 4<sup>th</sup>.

Mr. Mynatt shared a Certificate of Recognition from ElectriCities of North Carolina for MED's efforts in restoring power in North Carolina following the 2018 hurricanes.

Ms. Dix reported Steven Champion and Chance Banks have advanced from Apprentice Lineman to Journeyman Lineman.

Ms. Dix recognized Jamie Caskey who completed the Tennessee Valley Public Power Association's Certified Power Executive program which is designed to provide managers with a better understanding of their duties and role in the utility industry.

Mr. Mynatt recognized Gena Dix for completing the requirements including an exam to receive the Certification as a Strategic HR Business Partner (SHRBP). The program is designed around strategic planning to support organizational strategies, to align talent, analyze data, influence positive change and create solutions that drive impact and change to meet business priorities.

Ms. Dix reported that all positions are on hold at this time. Mr. Mynatt stated that the City Manager had requested that all non-essential jobs not be filled.

Ms. Dix reported information regarding the MED Turnover Rate for 2018 including reasons for leaving and the positions by department. She also presented information showing the number of employees by ethnic group for MED, Rutherford County, and National Labor Force for Utilities.

Mr. Lim presented the list of City Projects. There were no new projects added this month. The Fire Station #4 has been energized as of this week.

On the Fiber Committee, Mr. Barns reported that construction has started, and 11 more sites should be ready to begin work on them this week. There will be a meeting next week with all parties to discuss the progress of this project.

On the LED street lighting update, Mr. Gore recommends a pilot program to help in developing these guidelines and reviewing Middle Tennessee Electric Membership Cooperation (MTEMC) guidelines to establish the best practices and policies. Mr. Gore will schedule a meeting with the Transportation Department to review the City's street lighting standards. Mr. Bradley suggested only offering LED lighting to new developments.

Mr. Whitaker presented a recommendation to approve the low bid of \$909,330 from Service Electric for labor and materials to replace the transformers at Pitts Lane Substation. Mr. Bradley made a MOTION to approve hiring Service Electric to replace transformers at Pitts Lane Substation for a cost of \$909,330. Mr. LaLance SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Mr. Lim presented a recommendation to award the underground excavation services contract to Baker Construction, Inc. The contract is a three-year contract with the option of two one-year extensions at MED's discretion. Mr. Stone made a MOTION to approve the underground excavation services three-year contract to Baker Construction, Inc. Mr. LaLance SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Mr. Barns presented information regarding MED installing an overhead powerline on Joe B. Jackson Parkway from Stevens Bend Drive to Interstate 24 to interconnect existing powerlines from South Church Street to Interstate 24. This installation will require a new permanent electric utility easement from the property owner at 3383 Vapor Trail. The easement must be obtained prior to October 2019 due to MED's CSX permit expiring. Mr. Stone made a MOTION to approve compensating the property owner at 3383 Vapor Trail based on the City of Murfreesboro's formula for easement acquisition; and to initiate condemnation proceedings, if the easements cannot be obtained. If necessary, an appraisal will be obtained. Ms. Pitts-McDonald SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Ms. Pitts-McDonald made a MOTION to adjourn the meeting. Mr. LaLance SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

\_\_\_\_\_  
Secretary-Treasurer

\_\_\_\_\_  
Chair

Approved \_\_\_\_\_

**MURFREESBORO ELECTRIC DEPARTMENT  
COMPARATIVE BALANCE SHEET**

<b>ASSETS AND OTHER DEBITS</b>	<b>January</b>	<b>January</b>	<b>Increase/(Decrease)</b>	
	<b>2019</b>	<b>2018</b>	<b>Amount</b>	<b>Percent</b>
<b>UTILITY PLANT</b>				
Electric Plant	224,840,857	215,052,686	9,788,171	4.55%
Less Depreciation	67,904,446	68,296,438	(391,992)	-0.57%
<b>Total</b>	<b>156,936,411</b>	<b>146,756,248</b>	<b>10,180,163</b>	<b>6.94%</b>
Unamortized Acquisition Adj.	958,069	1,217,945	(259,876)	-21.34%
<b>Total Plant - net</b>	<b>157,894,480</b>	<b>147,974,193</b>	<b>9,920,287</b>	<b>6.70%</b>
<b>OTHER PROPERTY &amp; INVESTMENTS</b>				
Sinking Funds	264,177	264,440	(263)	-0.10%
Other Special Funds	678,144	677,177	967	0.14%
<b>Total</b>	<b>942,321</b>	<b>941,617</b>	<b>704</b>	<b>0.07%</b>
<b>CURRENT AND ACCRUED ASSETS</b>				
Cash & Temporary Cash Investments	46,448,964	62,945,080	(16,496,116)	-26.21%
Accounts Receivable	13,569,226	15,767,268	(2,198,042)	-13.94%
Materials and Supplies	2,435,859	2,604,777	(168,918)	-6.48%
Prepayments	990,387	950,130	40,257	4.24%
Other Current Assets	4,056,670	3,704,996	351,674	9.49%
<b>Total</b>	<b>67,501,106</b>	<b>85,972,251</b>	<b>(18,471,145)</b>	<b>-21.49%</b>
<b>DEFERRED DEBITS</b>				
Debt Expense	0	0	0	0.00%
Clearing Accounts	200,459	165,522	34,937	21.11%
Receivables-Conservation Loans	1,834,339	2,038,530	(204,191)	-10.02%
Other Deferred Debits	1,743,626	2,047,010	(303,384)	-14.82%
<b>Total</b>	<b>3,778,424</b>	<b>4,251,062</b>	<b>(472,638)</b>	<b>-11.12%</b>
<b>TOTAL ASSETS &amp; OTHER DEBITS</b>	<b>230,116,331</b>	<b>239,139,123</b>	<b>(9,022,792)</b>	<b>-3.77%</b>
<b>LIABILITIES AND OTHER CREDITS</b>				
<b>LIABILITIES AND OTHER CREDITS</b>	<b>January</b>	<b>January</b>	<b>Increase/(Decrease)</b>	
	<b>2019</b>	<b>2018</b>	<b>Amount</b>	<b>Percent</b>
<b>EARNINGS REINVESTED IN SYSTEM</b>				
Beginning of Year	183,477,539	180,033,660	3,443,879	1.91%
Current Year to Date	4,417,546	5,625,599	(1,208,053)	-21.47%
<b>Total</b>	<b>187,895,085</b>	<b>185,659,259</b>	<b>2,235,826</b>	<b>1.20%</b>
<b>LONG -TERM DEBT</b>				
Bonds and Other Long -Term Debt	5,282,000	6,351,000	(1,069,000)	-16.83%
Debt Premium and Discount	28,000	40,000	(12,000)	-30.00%
<b>Total</b>	<b>5,310,000</b>	<b>6,391,000</b>	<b>(1,081,000)</b>	<b>-16.91%</b>
<b>OTHER NON-CURRENT LIABILITIES</b>				
Post Retirement Benefits	9,402,380	2,053,528	7,348,852	357.86%
Conservation Loans - TVA	1,903,701	2,067,770	(164,069)	-7.93%
<b>Total</b>	<b>11,306,081</b>	<b>4,121,298</b>	<b>7,184,783</b>	<b>174.33%</b>
<b>CURRENT &amp; ACCRUED LIABILITIES</b>				
Accounts Payable	11,131,024	27,500,899	(16,369,875)	-59.52%
Customer Deposits	10,170,012	9,786,278	383,734	3.92%
Interest Accrued	6,017	7,767	(1,750)	-22.53%
Other Current Liabilities	2,020,018	2,177,010	(156,992)	-7.21%
<b>Total</b>	<b>23,327,071</b>	<b>39,471,954</b>	<b>(16,144,883)</b>	<b>-40.90%</b>
<b>OTHER DEFERRED CREDITS</b>	<b>2,278,094</b>	<b>3,495,612</b>	<b>(1,217,518)</b>	<b>-34.83%</b>
<b>TOTAL LIABILITIES &amp; OTHER CREDITS</b>	<b>230,116,331</b>	<b>239,139,123</b>	<b>(9,022,792)</b>	<b>-3.77%</b>



**MURFREESBORO ELECTRIC DEPARTMENT  
COMPARATIVE REVENUE AND EXPENSE STATEMENT**

	January 2019	January 2018	Increase(Decrease)		FYTD 2019	FYTD 2018	Increase(Decrease)	
			Amount	Percent			Amount	Percent
<b>OPERATING REVENUE</b>								
Electric Sales Revenue	15,469,241	16,288,476	(819,235)	-5.03%	105,441,941	102,647,568	2,794,373	2.72%
Revenue from Late Payments	86,223	123,546	(35,323)	-28.59%	842,682	672,052	(29,370)	-4.37%
Misc. Service Revenue	141,870	148,160	(6,290)	-4.25%	1,175,535	1,090,955	84,580	7.75%
Rent from Electric Property	77,607	68,969	8,638	12.52%	509,066	483,098	25,968	5.38%
Other Electric Revenue	0	0	0	0.00%	0	0	0	0.00%
<b>Total Operating Revenue</b>	<b>15,776,941</b>	<b>16,629,151</b>	<b>(852,210)</b>	<b>-5.12%</b>	<b>107,769,224</b>	<b>104,893,673</b>	<b>2,875,551</b>	<b>2.74%</b>
<b>PURCHASED POWER</b>								
	<b>13,202,506</b>	<b>14,442,968</b>	<b>(1,240,462)</b>	<b>-8.59%</b>	<b>88,510,874</b>	<b>85,704,948</b>	<b>2,805,926</b>	<b>3.27%</b>
<b>OPERATING EXPENSE</b>								
Distribution Expense	240,776	270,858	(30,082)	-11.11%	1,385,711	1,563,602	(167,891)	-10.81%
Customer Accounts Expense	128,735	178,840	(50,105)	-28.02%	1,243,424	1,242,810	614	0.05%
Customer Service & Info. Expense	17,010	14,583	2,427	16.64%	109,421	70,221	39,200	55.82%
Sales Expense	34,192	16,282	17,910	110.00%	192,705	182,236	10,469	5.74%
Administrative & General Expense	423,275	447,290	(24,015)	-5.37%	3,352,441	2,272,216	1,080,225	47.54%
<b>Total Operating Expense</b>	<b>843,988</b>	<b>927,853</b>	<b>(83,865)</b>	<b>-9.04%</b>	<b>6,283,702</b>	<b>5,321,085</b>	<b>962,617</b>	<b>18.09%</b>
<b>MAINTENANCE EXPENSE</b>								
Distribution Expense	205,250	120,733	84,517	70.00%	1,262,502	1,088,131	174,371	16.02%
Administrative & General Expense	1,768	28,212	(26,444)	-93.73%	196,223	206,977	(10,754)	-5.20%
<b>Total Maintenance Expense</b>	<b>207,018</b>	<b>148,945</b>	<b>58,073</b>	<b>38.99%</b>	<b>1,458,725</b>	<b>1,295,108</b>	<b>163,617</b>	<b>12.63%</b>
<b>OTHER OPERATING EXPENSE</b>								
Depreciation Expense	666,053	609,117	56,936	9.35%	4,558,747	4,238,894	320,053	7.55%
Amortization of Acquisition Adj.	20,587	16,085	4,502	27.99%	144,112	112,594	31,518	27.99%
Taxes and Tax Equivalents	343,171	377,432	(34,261)	-9.08%	2,591,614	2,598,135	(6,521)	-0.25%
<b>Total Other Operating Expense</b>	<b>1,029,811</b>	<b>1,002,634</b>	<b>27,177</b>	<b>2.71%</b>	<b>7,294,473</b>	<b>6,949,423</b>	<b>345,050</b>	<b>4.97%</b>
<b>TOTAL OPER EXP &amp; PURCH PWR</b>	<b>15,283,323</b>	<b>16,622,400</b>	<b>(1,239,077)</b>	<b>-7.50%</b>	<b>103,547,774</b>	<b>99,270,564</b>	<b>4,277,210</b>	<b>4.31%</b>
<b>INCOME</b>								
Operating Income	493,618	106,751	386,867	362.40%	4,221,450	5,623,109	(1,401,659)	-24.93%
Other Income	99,454	10,447	89,007	851.99%	294,944	74,090	220,854	298.09%
<b>Total Income</b>	<b>593,072</b>	<b>117,198</b>	<b>475,874</b>	<b>406.04%</b>	<b>4,516,394</b>	<b>5,697,199</b>	<b>(1,180,805)</b>	<b>-20.73%</b>
Miscellaneous Income Deductions	29,160	0	29,160	0.00%	30,500	250	30,250	12100.00%
<b>Net Income Before Debt Exp</b>	<b>563,922</b>	<b>117,198</b>	<b>446,724</b>	<b>381.17%</b>	<b>4,485,894</b>	<b>5,696,949</b>	<b>(1,211,055)</b>	<b>-21.26%</b>
<b>DEBT EXPENSE</b>								
Interest on Long Term Debt	8,879	12,885	(4,006)	-31.09%	70,791	73,817	(3,026)	-4.10%
Other Interest Expense	47	45	2	4.44%	322	298	24	8.05%
Amortization of Debt Discount & Exp.	605	605	0	0.00%	4,235	4,235	0	0.00%
Amortization of Premium on Debt.	(1,000)	(1,000)	0	0.00%	(7,000)	(7,000)	0	0.00%
<b>Total Debt Expense</b>	<b>8,531</b>	<b>12,535</b>	<b>(4,004)</b>	<b>-31.94%</b>	<b>68,348</b>	<b>71,350</b>	<b>(3,002)</b>	<b>-4.21%</b>
<b>NET INCOME</b>	<b>555,391</b>	<b>104,663</b>	<b>450,728</b>	<b>430.65%</b>	<b>4,417,546</b>	<b>5,625,599</b>	<b>(1,208,053)</b>	<b>-21.47%</b>

# MURFREESBORO ELECTRIC DEPARTMENT

## STATISTICAL DATA

	JANUARY 2019	JANUARY 2018	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	166,943,957	188,226,164	(21,282,207)	-11.31%
KWH SOLD/USED	159,891,165	180,847,099	(20,955,934)	-11.59%
COST PER KWH PURCHASED (CENTS)	7.91	7.67	0.24	3.13%

	FYTD 2019	FYTD 2018	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	1,141,520,289	1,126,738,113	14,782,176	1.31%
KWH SOLD/USED	1,107,150,062	1,084,288,542	22,861,520	2.11%
COST PER KWH PURCHASED (CENTS)	7.75	7.61	0.14	1.84%

## CUSTOMER DATA

	JANUARY 2019	JANUARY 2018	INCREASE (DECREASE) AMOUNT PERCENT	
RESIDENTIAL	57,491	55,480	2,011	3.62%
LESS THAN 50 KW	6,335	6,151	184	2.99%
GREATER THAN 50 KW	1,016	1,031	(15)	-1.45%
STREET AND ATHLETIC	150	139	11	7.91%
TOTAL CUSTOMERS	64,992	62,801	2,191	3.49%

## FINANCIAL RATIOS

	JANUARY 2019	JANUARY 2018
CURRENT RATIO	2.89	2.18
ACID TEST	2.57	1.99
DEBT TO EQUITY RATIO	0.034	0.043

	JANUARY 2019	JANUARY 2018	FYTD 2019	FYTD 2018
OPERATING RATIO	90.34%	93.33%	89.31%	88.01%
NET INCOME(CENTS) / \$ OF REVENUE	3.52	0.63	4.10	5.36

**Bad Debt Analysis  
For Fiscal Year 2019**

	<b>Uncollectable Accounts</b>	<b>Payments Collected</b>	<b>Net Expense</b>
<b>July 2018</b>	9,642.25	(6,285.33)	3,356.92
<b>Aug 2018</b>	16,181.95	(5,739.89)	10,442.06
<b>Sept 2018</b>	15,504.07	(6,018.02)	9,486.05
<b>Oct 2018</b>	24,686.95	(5,184.40)	19,502.55
<b>Nov 2018</b>	23,954.00	(5,282.84)	18,671.16
<b>Dec 2018</b>	23,203.37	(5,158.88)	18,044.49
<b>Jan 2019</b>	12,289.20	(5,695.72)	6,593.48
<b>Feb 2019</b>			
<b>March 2019</b>			
<b>April 2019</b>			
<b>May 2019</b>			
<b>June 2019</b>			
<b>Totals</b>	<b>\$125,461.79</b>	<b>(\$39,365.08)</b>	<b>\$86,096.71</b>

	<b>Sales</b>	<b>Bad Debt to Sales</b>
<b>July 2018</b>	17,223,921.50	0.0195%
<b>Aug 2018</b>	17,858,235.50	0.0585%
<b>Sept 2018</b>	14,158,535.13	0.0670%
<b>Oct 2018</b>	13,433,883.90	0.1452%
<b>Nov 2018</b>	13,207,095.41	0.1414%
<b>Dec 2018</b>	14,091,028.85	0.1281%
<b>Jan 2019</b>	15,469,241.07	0.0426%
<b>Feb 2019</b>		
<b>March 2019</b>		
<b>April 2019</b>		
<b>May 2019</b>		
<b>June 2019</b>		
<b>Totals</b>	<b>\$105,441,941.36</b>	<b>0.0817%</b>

**DISBURSEMENTS & ACH TRANSFERS**  
**January 2019**

<b>VENDOR</b>	<b>DATE</b>	<b>AMOUNT</b>	<b>DESCRIPTION</b>
MED - Deposit Refund Account	1/3/2019	\$19,162.91	Transfer Funds
MED - Deposit Refund Account	1/10/2019	\$15,495.12	Transfer Funds
MED - Payroll	1/11/2019	\$194,620.51	Employee Direct Deposit
MED - Payroll	1/11/2019	\$515.70	Transfer Funds to Flexible Reimbursement Account
MED - Deposit Refund Account	1/17/2019	\$18,452.86	Transfer Funds
MED - Sinking Fund	1/22/2019	\$33,008.33	Transfer Funds
MED - Deposit Refund Account	1/23/2019	\$5,698.35	Safety Incentives
MED - Payroll	1/24/2019	\$12,240.88	Boot Allowance
MED - Deposit Refund Account	1/25/2019	\$15,077.07	Transfer Funds
MED - Payroll	1/25/2019	\$195,819.16	Employee Direct Deposit
MED - Payroll	1/25/2019	\$515.70	Transfer Funds to Flexible Reimbursement Account
Check Register		\$16,280,122.36	
Total		\$16,790,728.95	

**PURPOSE:** To inform the Power Board of current and on-going occupational health and safety matters.

**SUMMARY OF WORK-RELATED INJURIES AND ILLNESSES:**

2/05/2019 Employee was helping load a street light pole when the pole slipped out of the sling and slid down on employee's right foot. Employee was seen by Dr. Thomas at Concentra. X-Rays were taken and were negative for fractures. Employee was released to return to work with no restrictions.



205 N Walnut St  
 P.O. Box 9  
 Murfreesboro, TN 37133-0009  
 Office: 615-893-6514  
 Fax: 615-893-8375  
 www.MurfreesboroElectric.com

**MEMORANDUM**

**TO:** MED Power Board  
**FROM:** Diane Simpkins, Director of Purchasing  
**DATE:** Wednesday, February 13, 2019  
**RE:** Material Purchases

**PURCHASES UNDER \$25,000:** \$ 236,947.79

**PURCHASES BETWEEN \$25,000 - \$50,000:**

PURCHASE ORDER #	VENDOR	ITEM	QUANTITY		AMOUNT
23137	Power Suply	50' CI 2 steel poles	30	\$	48,510.00
23114	Power Suply	12' Black site link poles	50	\$	32,850.00
23111	Stuart Irby	1/0 elbows	100		
		#6 duplex wire URD	5000'		
		#4 duplex wire URD	8000'		
23110	Power Suply	35' Black square steel poles	15	\$	26,362.00
		Trans. terminal blocks	150		
		3/4 x 10 eye bolts	25		
23093	Power Suply	LED Acorn 60W luminaire	50	\$	36,233.25
		24' alum. Street light pole	60		
		trans. spade	200		
23089	Stuart Irby	250 watt Mongoose luminaire	15	\$	32,966.00
		600 amp pad mount switch gear	3	\$	38,916.00

**\$ 215,837.25**

**BOARD APPROVAL**

PURCHASE ORDER #	VENDOR	ITEM	QUANTITY		AMOUNT
------------------	--------	------	----------	--	--------

\$ -

**TRANSFORMER PURCHASES FROM BLANKET:**

PURCHASE ORDER #	VENDOR	ITEM	QUANTITY		AMOUNT
23135	Border States	75 kva single phase pad mount	12	\$	20,592.00
		50 kva single phase pad mount	15	\$	21,330.00
23119	Border States	25 kva single phase pad mount	5	\$	6,260.00
		50 kva single phase pad mount	15	\$	21,330.00
		75 kva single phase pad mount	5	\$	8,325.00
23096	Border States	50 kva single phase pad mount	10	\$	14,210.00

\$ 92,047.00

**Grand Total**

\$ 544,832.04

For Internal Use Only – Not For Distribution to Media

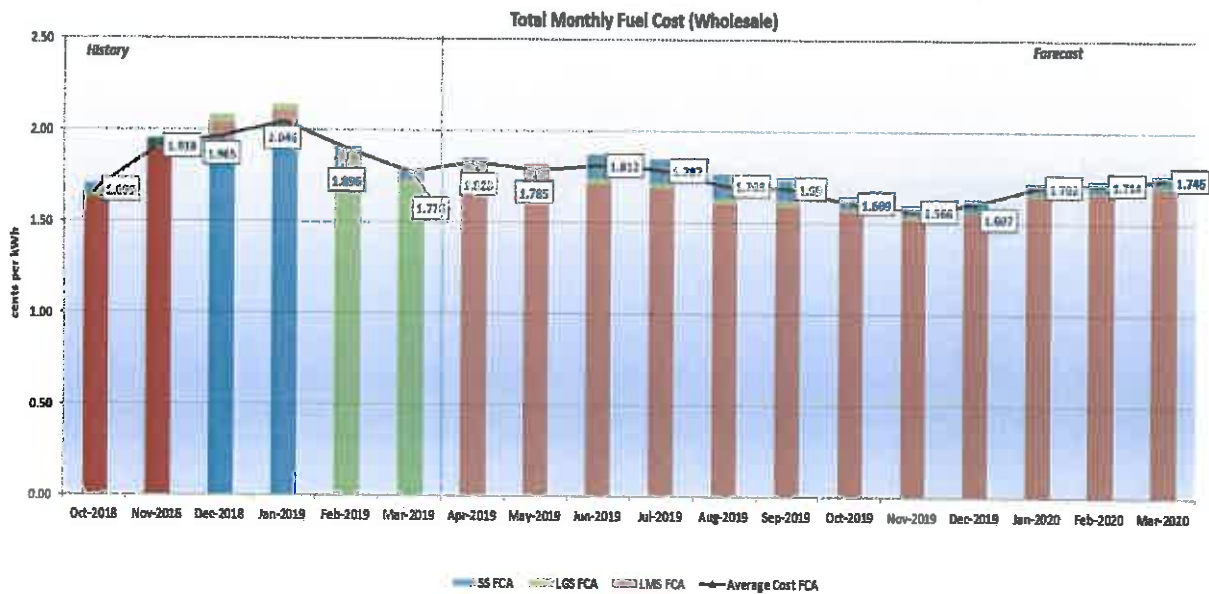
Total Monthly Fuel Cost Communication – March 2019

Total Monthly Fuel Cost – March 2019

The total monthly fuel cost will be 1.791 cents per kWh for Standard Service customers, 1.730 cents per kWh for Large Manufacturing customers, and 1.719 cents per kWh for Large General Service customers.

The overall system average fuel rate for March is approximately 7% lower than the three-year average March FCA. This is primarily due to expectations for lower March sales and lower purchased power and gas prices.

Total Monthly Fuel Cost Forecast: March 2019 to March 2020



	Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020
LMS FCA	1.622	1.907	2.042	2.111	1.863	1.73	1.788	1.741	1.711	1.686	1.603	1.589	1.563	1.52	1.539	1.634	1.665	1.687
LGS FCA	1.646	1.943	2.042	2.136	1.885	1.719	1.832	1.759	1.746	1.722	1.638	1.624	1.586	1.543	1.567	1.662	1.674	1.706
SS FCA	1.604	1.92	1.944	2.028	1.909	1.791	1.842	1.739	1.839	1.816	1.732	1.718	1.625	1.582	1.622	1.717	1.729	1.760

*The monthly fuel cost forecast represents current expectations and operational conditions and is subject to change at any time. Actual fuel cost amounts in future months are subject to considerable risks and could vary widely from the current forecast.*

## UNITED WAY OF RUTHERFORD AND CANNON COUNTIES

### EMPLOYEE ENGAGEMENT

The LIVE UNITED movement is about advancing the common good in our neighborhoods and the United Way of Rutherford and Cannon Counties is committed to creating lasting, positive change to improve lives.

MED would like to recognize Gena Dix and Willie Weaver for volunteering their time and talents to Habitat for Humanity during the MKL Holiday in January.







205 N Walnut St  
P.O. Box 9  
Murfreesboro, TN 37133-0009  
Office: 615-893-5514  
Fax: 615-893-8375  
www.MurfreesboroElectric.com

**February 20, 2019**

**Members of the Power Board: INFORMATION**

- I. As items for your information, regarding the following employee compensation or position changes:**

**Compensation Changes this Month:**

- Logan Barber, Apprentice Lineman, 2<sup>nd</sup> Period, advanced to 3<sup>rd</sup> Period (3<sup>rd</sup> Year), effective February 11, 2019. The lineman apprenticeship is a four-year program, which leads to the position of Journeyman Lineman. Each apprentice must demonstrate job knowledge and skills in order to advance to the next level in job progression through competency assessment and/or performance evaluation.

Presented by:

A handwritten signature in cursive script that reads "P.D. Mynatt".

P.D. Mynatt  
General Manager

A handwritten signature in cursive script that reads "Gena S. Dix".

Gena S. Dix  
Director of Human Resources



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February 20, 2019

**Members of the Power Board: FOR YOUR INFORMATION**

- I. As items for your information, graph below shows the comparison between employee compensation findings during the 2018 Comp Study vs where employee ranges are now, after Comp Study changes and increase of 3.1% COLA:

COMP RANGES	2018 COMP STUDY FINDINGS	2019 AFTER COMP AND COLA	IMPROVED #'S
RANGES	# EMP. 2018	# EMP. 2019	Movement
Below Minimum Range	5	0	-5
Minimum Range	9	1	-8
Lower Third Range	14	12	-2
Midpoint/Target Range	7	10	3
Upper Third Range	9	18	9
Maximum Range	0	2	2
Above Maximum Range	2	2	0
<b>Total Employees</b>	<b>46</b>	<b>45</b>	<b>-1</b>

The 2018 Comp Study found that we had several employees below the minimum pay range and market ranges for specific positions based on his/her experience. Our goal was/is to compensate employees at or above the minimum amounts and to move up in the range categories, based on the employee's experience and job performance, so that we remain competitive in the utility marketplace.

Presented by:

Gena S. Dix  
 Director of Human Resources

### City Projects - 2/13/2019

Primary	Street	Amount of Aid to Construction	Status	Status Notes	Additional Notes
Dejarnette Lane Airport Project	Dejarnette Ln.	\$276,100.00	MED Construction		Aid to Construction Paid.
Doug Young Safety Training Center	Bridge Ave	\$14,125.00	MED Construction	<b>Waiting for Account to be Set Up</b>	Primary & Transformer Installed
Jones Blvd	Ridgely Rd to W Northfield Blvd	Design Not Finalized.	Preliminary design.		Waiting on SEC Inc. for finalized roadway plans.
Kingdom Drive Bldgs	Kingdom Dr.	No Aid to Construction	Ready for MED Construction	<b>Streetlights Installed</b>	Conduits & Vaults Installed.
Lytle St Phase 2	N Walnut St to Barker St		MED Construction Complete	<b>Communications to be Removed to Pull Poles</b>	
Mcknight Park Maintenance Building	Memorial and Dejarnette	\$1,475.00	Design complete.	Waiting on aid to construction.	Single Phase
Middle Tennessee Blvd	Middle Tennessee Blvd	In Progress	Contractor construction.		Waiting on Stansell Electric to fix streetlight issues.
Northfield Blvd Phase 1	Northfield Blvd		Design Finalized.		Waiting on City to finalize road design
Old Fort Park Maintenance Building	Old Fort Park	\$1,000.00	Design complete.	Waiting on aid to construction.	As of right now single phase
Perfino Drive Bridge	Perfino Dr.	No Aid to Construction	Contractor construction.	Primary Conduits installed.	
Rucker Ln	Rucker Ln	No Aid to Construction	Design complete.		Waiting on road project to begin.
Southwest Elementary	St. Andrews Dr.	Contractor Construction	Design complete.	Waiting on primary conduits.	
SR-99	Bradyville Pike	Design Not Finalized.	Preliminary design.		Waiting on Neel-Schefer for finalized roadway plans.
Saint Clair Street	Memorial Blvd to N Walnut St	Design Not Finalized.	Preliminary design.		Waiting on Huddleston-Steele for finalized roadway plans.
Airport Terminal	Airport Rd.	\$10,000.00	Preliminary design.		

# Fiber Summary - Fiber Projects (Construction)



Primary	Street Address	PROJECT WORK	DESCRIPTION	BEG DATE	STATUS / END DATE
1	City Hall	111 W Vine St	Fiber Extension	Under construction.	118767 Fiber installed outside building.
2	MWRD Mill St Water Tower	405 Mill St	Fiber Extension	Under construction.	119351 Fiber installed outside building.
3	McFadden Community Center	211 Bridge Ave	Fiber Extension	Under construction.	119445 Fiber installed outside building.
4	Cannonsburgh Village	312 S Front St	Fiber Backbone Connection	Under construction.	118675 Fiber installed inside building.
5	Police Special Operations Unit	906 Industrial Drive	Fiber Backbone Connection	Under construction.	119360 Fiber installed inside building.
6	Fire Station 10	2563 Veterans Pkwy	Fiber Backbone Connection	Design complete to demarcation.	118683
7	Fire Administration	NW Broad St	Fiber Extension	Design complete to demarcation.	118767
8	MWRD Administration	NW Broad St	Fiber Extension	Design complete to demarcation.	118767
9	MWRD Engineering Annex	NW Broad St	Fiber Extension	Design complete to demarcation.	118767
10	Fire Station 8	802 Cason Ln	Fiber Backbone Connection	Design complete to demarcation.	118795
11	MWRD Stoney Meadow Water Tower	2003 Stoney Meadow Dr	Fiber Extension	Design complete to demarcation.	118799
12	Fire Station 2	2850 Runnymede Dr	Fiber Backbone Connection	Design complete to demarcation.	118832
13	MWRD Operations & Maintenance	1725 S Church St	Fiber Extension	Design complete to demarcation.	119277
14	City Training	W Main St	Fiber Extension	Design complete to demarcation.	119447
15	Street Department	620 W Main St	Fiber Extension	Design complete to demarcation.	119447
16	Urban Environmental Department	351 Overall St	Fiber Extension	Design complete to demarcation.	119448
17	Tennis Center	925 Golf Lane	Fiber Extension	Design complete to demarcation.	119449

## Residential Street Decorative Lighting Poles



## CONSENT AGENDA

February 12, 2019

Members of the Power Board:

As an item for consideration, it is recommended that the Power Board approve the following item:

### On-site IT Professional Services

#### Background

With the prior Network & System Administrator accepting a job in Operations & a freeze on hiring replacement employees, MED is without adequate support & delivery of its technology network and systems. A resource with knowledge of the network's current state is needed to support & maintain the network.

Wrightcore will make available IT professionals Chris Self to serve in the capacity of Network & System Administrator for two days/week & Andy Windford in the capacity of Security Administrator for one day/week. Chris & Andy have supported MED for several years and are familiar with its systems.

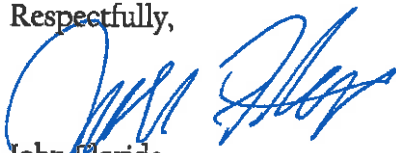
#### Fiscal Impact

The hourly rate for services is \$150. The expected cost of the professional services over the next three-months is \$46,800.

#### Recommendation

The Power Board is recommended to approve funds to retain IT professionals Chris Self & Andy Windford depending on their availability until circumstances change.

Respectfully,



John Florida  
Director of Information Technology