



## **LOUDON UTILITIES**

P.O. BOX 69

LOUDON, TENNESSEE 37774

### **NOTICE OF ELECTRONIC MEETING ACCESS & INFORMATION**

To ensure government operations continue to function openly and transparently during the COVID-19 emergency while taking measures to protect the health and safety of citizens and government officials, Governor Bill Lee issued Executive Order No. 16 on March 20, 2020 allowing governing bodies to conduct essential business by electronic means. A link to the Electronic Meeting Access & Information is available online at:

[WWW.LOUDONUTILITIES.ORG](http://WWW.LOUDONUTILITIES.ORG)

Join the Zoom Meeting using your computer, tablet, iPad, and/or smartphone:

<https://loudonutilities.zoom.us/j/6429958536?pwd=WVRYQzEyaXc1c0lrUUhjWkVTYWZjdz09>

Meeting ID: 642 995 8536

Password: LoudonTN

One tap mobile

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Dial by your location

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Meeting ID: 642 995 8536

All participants will be muted upon entry to the Zoom Room.

During the appropriate times, the moderator will unmute any participant who would like to speak.

If you have questions or requests for special accommodations, please contact us at 865-458-2091.



## **LOUDON UTILITIES**

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### **A G E N D A**

#### **BOARD OF DIRECTORS OF LOUDON UTILITIES**

**July 27, 2020**

**4:30 PM**

1. Call to Order
2. Recognition of Visitors
3. Approval of Minutes
  - A. Regular Meeting – June 22, 2020
4. Financial Reports
5. Items for Board Action
  - A. Authorizing the Surplus of a 2006 International 4300
  - B. Authorizing Contract with CTI Engineers Inc.
  - F. Establishing Natural Gas Rates Effective August 2020
6. Other
  - A. Tennessee Valley Authority Fuel Cost Adjustment
  - B. Fireworks Display
  - C. TVPOA Update
7. Adjournment



## LOUDON UTILITIES

P.O. BOX 69

LOUDON, TENNESSEE 37774

To: Chairman Campbell and Board Members  
From: Ty Ross  
Subject: July Agenda Items  
Date: July 24, 2020

The following items appear on the agenda for the July 27, 2020 meeting of the Board of Directors of Loudon Utilities:

### **Items for Board Action.**

- A. Authorizing the Surplus of a 2006 International 4300. 2006 International 4300 Bucket Truck (Replaced with 2020 M2-106 Bucket Truck thru CMAQ) – The first of our granted funded bucket trucks has arrived, therefore, in order to comply with the term of the grant we must destroy the engine block of the above-named vehicle and declare it surplus for placement on GovDeals or salvage.
- B. Authorizing Contract with CTI Engineers Inc. We would like to hire CTI Engineers to perform an assessment of the Piney Water Treatment Plant regarding existing conditions and alternatives for future operations.

The assessment would include:

- Constraints related to regulatory, budget, and constructability
- Identification and evaluation of alternatives with opinion of probable costs
- Professional recommendation going forward

The goal of the assessment is to define the future use of the plant and its supply of water to our system for planning and budgeting purposes.



## LOUDON UTILITIES

P.O. BOX 69

LOUDON, TENNESSEE 37774

- C. Establishing Natural Gas Rates Effective August 2020. The cost of natural gas delivered to the City Gate and the transmission service cost increased for the month of July 2020. Utilizing the formula for natural gas rates, this converts into a rate of \$1.04 per 100 cubic feet for gas billed after August 1, 2020.

### **Other.**

- A. Tennessee Valley Authority Fuel Cost Adjustment. The TVA FCA for August 2020 decreased from \$0.01497 per kWh to \$0.01414 per kWh. The rate will result in a \$0.83 decrease for each 1,000 kWh of residential customers use.
- B. Fireworks Displays. Parks and Recreation Director Mark Harrell has requested that the Board fund the fireworks display of Riverfest. The cost is \$3,000.
- C. TVPOA Update. We will brief you as a Board at this meeting.

**REGULAR MEETING  
LOUDON UTILITIES**

**June 22, 2020**

The Board of Directors of Loudon Utilities held its properly advertised regular meeting on June 22, 2020, at 4:30 p.m., in the public meeting space of the Loudon Municipal Building. Those present were Chairman Don P. Campbell, Directors Gene Farmer, Tim Dixon, Carlie McEachern, and Bart Watson. Others present were Manager Ty Ross, Nicole Curtis, John Davis, Bill Watkins, Attorney Kris Frye, and Secretary Meghan Hull. Parker Wright, *Loudon County NewsHerald*, represented the press. Chip Lynn video recorded the meeting for redskinradio.com. Also present or attending by videoconference were approximately thirteen (13) people.

Chairman Campbell welcomed everyone and called the meeting to order. Campbell read a statement defining the meeting being held by videoconference pursuant to Executive Order No. 16 to protect the safety and health of the citizens of Loudon from the coronavirus outbreak.

Chairman Campbell asked if anyone wished to speak to the Board about anything not on the agenda. There was no response.

Chairman Campbell asked for approval of the minutes of the regular meeting held on May 26, 2020. **A motion was made by Director Dixon, seconded by Director McEachern and unanimously passed that the minutes of the regular meeting held on May 26, 2020 be approved as written.**

Financial Reports were distributed for the workshop. Finance Director Curtis gave a presentation on the financial reports. **A motion was made by Director Dixon, seconded by Director McEachern and unanimously passed that the reports be received and placed on file.**

The first item for Board action was to consider a proposal from Lee Utility Construction, Inc. for the relocation of the waterline on Highway 11 at the Loudon High School and Loudon Municipal Pool. Professional Engineer Larry Joe Dockery outlined the project showing the current position of the main line and the site for relocation. The waterline relocation project was quoted due to time constraints of TDOT and the COVID-19 situation. LUB does not have the in-house capability to undertake this magnitude of project at this time. **A motion was made by Director Farmer and seconded by Director McEachern that the following resolution be approved:**

**RESOLUTION NO. 2020-25  
AUTHORIZING THE CONTRACT WITH  
LEE UTILITY CONSTRUCTION, INC.  
FOR WATERLINE RELOCATION**

**Upon a vote, the resolution was passed unanimously.**

Manager Ross reminded the Board of the information Mr. Chris Mitchell, electric rate consultant, recommended at the previous workshop meeting on the electric rates. The purpose of the rate re-structure is to continue the increase of the fixed customer charge and to decrease the kWh rate in a revenue neutral position. **A motion was made by Director Watson and seconded by Director Farmer that the following resolution be approved:**

**RESOLUTION NO. 2020-26**  
**ADOPTING ELECTRICAL RATES**  
**EFFECTIVE OCTOBER 1, 2020**

**Upon a vote, the resolution was passed unanimously.**

Next Board discussed the proposed 2020-2021 fiscal year operating budget including projected Revenues and Expenditures through the year 2024. **A motion was made by Director Dixon and seconded by Director Farmer that the following resolution be approved:**

**RESOLUTION NO. 2020-27**  
**APPROVING OPERATING BUDGETS FOR 2020-2021 FISCAL YEAR**

**Upon a vote, the resolution was passed unanimously.**

The Board next considered the 2020-2021 fiscal year capital budget that would include a potential redesign of the Waste Water Treatment Plant and improvements at the Operations Center. **A motion was made by Director Farmer and seconded by Director Dixon that the following resolution be approved:**

**RESOLUTION NO. 2020-28**  
**APPROVING A CAPITAL BUDGET FOR 2020-2021 FISCAL YEAR**  
**FOR THE GAS, WATER, SEWER, AND ELECTRIC DEPARTMENTS**

**Upon a vote, the resolution was passed unanimously.**

Manager Ross outlined the proposed pay classification plan with two (2) new positions (Environmental Engineer-GWS and Supervisor of Field Operations-Electric) and the removal of Assistant Environmental Engineer-GWS; and an increase in pay of 1% for all full-time employees as directed. **A motion was made by Director Watson and seconded by Director Dixon that the following resolution be approved:**

**RESOLUTION NO. 2020-29**  
**AMENDING PAY CLASSIFICATION PLAN**  
**FOR FULLTIME EMPLOYEES**

**Upon a vote, the resolution was passed unanimously.**

The last item for Board consideration was to set the natural gas rate. **A motion was made by Director Farmer and seconded by Director McEachern that the following resolution be approved:**

**RESOLUTION NO. 2020-30**  
**ESTABLISHING NATURAL GAS RATES**  
**EFFECTIVE JULY 2020**

**Upon a vote, the resolution was passed unanimously.**

Manager Ross stated that the Tennessee Valley Authority fuel cost adjustment had increased from \$0.01427 per kWh to \$0.01497 per kWh. This results in a \$0.70 increase for each 1,000 kWh of residential customer usage.

There being nothing further, Chairman Campbell adjourned the meeting at 5:03 p.m.

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Secretary

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Chairman

**RESOLUTION NO. 2020-\_\_**

**AUTHORIZING THE SURPLUS OF A 2006 INTERNATIONAL 4300**

**WHEREAS,** The Board of Directors of Loudon Utilities approved *Resolution No. 2015-48 Authorizing the Submittal of a Grant Application under the Congestion Mitigation and Air Quality Improvement Program* on November 23, 2015; and

**WHEREAS,** The Board of Directors of Loudon Utilities has received authorization for the replacement of outdated diesel vehicles and equipment under the Congestion Mitigation and Air Quality Improvement Program; and

**WHEREAS,** It is recommended to surplus a 2006 International 4300 bucket truck VIN 1HTMMAAN66H304128 per the Congestion Mitigation and Air Quality Improvement Program.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Loudon Utilities as follows:

**Section 1.** The Board of Directors of Loudon Utilities hereby authorizes the surplus of the 2006 International 4300 bucket truck VIN 1HTMMAAN66H304128.

**Section 2.** The vehicle is hereby authorized for the final disposition to be handled as per the regulations of the Congestion Mitigation and Air Quality Improvement Program.

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairman

Passed: \_\_\_\_\_

**RESOLUTION NO. 2020-\_\_**

**AUTHORIZING CONTRACT  
WITH CTI ENGINEERS INC.**

**WHEREAS**, Loudon Utilities desires an assessment to define the future use of the Piney Water Treatment Plant; and

**WHEREAS**, The Utility Manager has recommended to contract with CTI Engineers Inc. to perform the assessment of the Piney Water Treatment Plant.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Loudon Utilities as follows:

**Section 1.** The Utility Manager is authorized to enter into a contract with CTI Engineers Inc. for an assessment to define the future use of the Piney Water Treatment Plant as outlined in the attached Task Order No. 1.

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairman

Passed: \_\_\_\_\_



**LOUDON UTILITIES BOARD  
TASK ORDER NO. 1  
"PINEY WATER TREATMENT PLANT - ALTERNATIVES ASSESSMENT"  
To the AGREEMENT FOR GENERAL ENGINEERING SERVICES**

This Task Order, made and entered into by and between LOUDON UTILITIES BOARD, hereinafter called the "OWNER" and CTI Engineers, Inc., hereinafter called the "ENGINEER," shall be incorporated into and become a part of the Agreement for General Engineering Services (the "AGREEMENT") entered into by the parties hereto on October 21, 2019.

**A. PURPOSE**

This Task Order authorizes and directs the ENGINEER to proceed with assisting the OWNER in completing an alternatives assessment related to the Piney Water Treatment Plant (0.43 MGD). Alternative assessment contents were discussed during the site visit and scoping meeting between the Owner and Engineer on June 23, 2020.

**B. ENGINEER'S SCOPE OF SERVICES**

The Scope of Services, dated June 24, 2020, is as enumerated in Exhibit A.

**C. ENGINEER'S COMPENSATION**

As consideration for providing the services enumerated within Item B (Exhibit A) of this Task Order, the OWNER shall pay the ENGINEER in accordance with the AGREEMENT. The specific method of compensation for this Task Order is as enumerated in the attached Exhibit B.

IN WITNESS WHEREOF, the parties hereto have executed this Task Order AGREEMENT on this, the \_\_\_\_ day of \_\_\_\_\_, 2020.

**LOUDON UTILITIES BOARD**

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

Title: \_\_\_\_\_

**CTI ENGINEERS, INC.**

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

Title: \_\_\_\_\_

**EXHIBIT A  
Scope of Services**

**Loudon Utilities Board  
Piney Water Treatment Plant – Alternatives Assessment**

**Task Order No. 1  
June 24, 2020**

**PROJECT UNDERSTANDING**

The Piney water treatment plant (WTP) is a small (0.43 MGD), spring-fed water treatment facility serving approximately 1,200 customers. The WTP was first put online around 1960 and was taken over by Loudon Utilities (the "Owner") in 1998. The WTP is checked once or twice per day by the Owners staff.

Raw water from the spring flows to a static mixer where polymer, sodium hypochlorite, polyphosphate, and fluoride are added. The raw water is then pumped to pressure filters by one of two 0.43 MGD pumps. Finished water flows by gravity from the pressure filters to three (3) 0.025-MG clearwell tanks before being pumped to the distribution system by one of the two 0.36 MGD high service pumps. Captor is added at the backwash lagoon prior to discharge to the creek in order to remove any residual chlorine.

Due to the small size and advanced age of the WTP, the Owner is interested in determining the viability of its continued use. This project involves the preparation of an alternatives assessment of the WTP, which will assess the WTP's conditions and alternatives for future operations. Several alternatives to be evaluated include: (1) no action, or continue operations and repairs, as is; (2) repair and renovate selected major plant components based on poorest existing conditions and priority of repairs; (3) replace all major components with similar, new equipment and implement other needed improvements for a fully functional, renovated WTP; and (4) abandon operations at the WTP and pump spring water to the Owner's larger WTP on the Tennessee River for treatment and distribution.

CTI Engineer's Inc., (the "Engineer") will conduct the alternative assessment, in concert with the Owner's input and review, and prepare an assessment report. The assessment report will be formatted to describe the project scope and existing conditions, the project constraints related to regulatory, budget, constructability, etc., the identification and description of alternatives, and the related evaluation of alternatives with opinions of probable costs (both capital and operating/maintenance), conclusions, and recommendations as to the selected alternative. The project goal is to define the future use of the Piney WTP for the Owner's planning and budgeting purposes.

The Engineer will proceed with alternatives assessment and will provide the Owner with the requested number of copies of both the draft and final reports. The Engineer can begin work upon authorization to proceed from the Owner.

## **SCOPE OF WORK**

### **TASK 1 – ALTERNATIVES ASSESSMENT**

The Engineer will provide engineering services for the conduct of the aforementioned alternatives assessment and the preparation of a draft report for the Owner's review. Upon receipt of the Owner's comments, the Engineer will finalize the report and provide copies to the Owner. The report will be formatted as described under "Project Understanding", or similar to that shown below:

1. Scope and Background
2. Project Constraints
3. Identification of Alternatives
4. Alternatives Analysis
5. Recommendations and Conclusions

### **ADDITIONAL SERVICES**

None identified at this time.

### **EXCLUSIONS**

Conduct of the assessment will involve preliminary engineering techniques to determine viable alternatives and budgetary cost estimates. No detailed design is proposed under this task order.

### **PROJECT SCHEDULE**

It is estimated for the preparation and delivery of the draft assessment report to take approximately two (2) months. Delivery of the final report can be accomplished within two (2) weeks of receipt of the Owner's comments on the draft report.

**Loudon Utilities Board  
Task Order No. 1  
PINEY WATER TREATMENT PLANT – ALTERNATIVES ASSESSMENT  
June 24, 2020**

**Exhibit B  
COMPENSATION**

The ENGINEER will be compensated for the Scope of Services as follows:

**TASK 1 – ALTERNATIVES ASSESSMENT**

The CONSULTANT will be compensated for the Scope of Services as follows:

For the engineering services described in Exhibit A, the OWNER agrees to pay and the ENGINEER monthly for work completed, on the basis of the standard hourly billing rates in effect when services are provided by ENGINEER's employees of various labor grades. The total contract amount for Task 1 – Alternatives Assessment shall not exceed \$10,000 without prior authorization by the OWNER.

Other expenses (such as travel, subsistence, field equipment, communications, subconsultant services, etc.) are reimbursable at cost, plus 5 percent.

**MANHOOR AND COST SUMMARY**  
**LUB PINEY WTP ALTERNATIVES ASSESSMENT - K19008-01-01**

<b>Task Description</b>	<b>Exec. Engr.</b>	<b>Sr. Engr.</b>	<b>Engr.</b>	<b>CADD</b>	<b>Clerical</b>	<b>Directs</b>
<b>ALTERNATIVES ASSESSMENT</b>						
Plant Visits/Interviews/Meetings		4				\$50 (mileage)
Assimilate Data		4				
CH1 - Intro/Background/Scope		4			2	
CH2 - Project Constraints		4			2	
CH3 - Identification of Alternatives		8			4	
CH5 - Alternatives Evaluation w/ Costs		16		8	4	
CH6 - Recommendations/Conclusions		8			4	
Draft/Final Reports - review/copy						\$250 (copies)
Total Manhours/Direct Costs	0	48	0	8	16	\$300
Manhour Rate	\$199	\$176	\$124	\$67	\$47	
<b>Total Costs (Hourly, per GSA)</b>	<b>\$0</b>	<b>\$8,448</b>	<b>\$0</b>	<b>\$536</b>	<b>\$752</b>	<b>\$300</b>
						<b>TOTAL</b> <b>\$10,036</b>

**RESOLUTION NO. 2020-\_\_**

**ESTABLISHING NATURAL GAS RATES  
EFFECTIVE AUGUST 2020**

**WHEREAS**, Loudon Utilities purchases natural gas at the first of the month index price; and

**WHEREAS**, It is therefore necessary to change the natural gas rate each month based on the price of gas that is being purchased for resale; and

**WHEREAS**, The Utility Manager has recommended the price for the sale of gas for customers other than interruptible and process load customers be set at \$1.04 per 100 cubic feet for all meters read after August 1, 2020.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Loudon Utilities as follows:

**Section 1.** The natural gas rate for meters for customers other than interruptible and process load customers read on or after August 1, 2020 shall be \$1.04 per 100 cubic feet.

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairman

Passed: \_\_\_\_\_

## GAS RATE COMPUTATIONS

	<i>Base Month (Sept 2003)</i>	<i>Rate Effective 6/1/20</i>	<i>Rate Effective 7/1/20</i>	<i>Rate Effective 8/1/20</i>	<i>Rate Effective 9/1/20</i>	<i>Rate Effective 10/1/20</i>	<i>Rate Effective 11/1/20</i>	<i>Rate Effective 12/1/20</i>
Gas Supply Cost	4.9950	1.7300	1.6500	1.4200				
Pipeline Charges	0.2755	0.0651	0.0629	0.0567				
Supply Management	<u>0.0350</u>	<u>0.0450</u>	<u>0.0450</u>	<u>0.0450</u>	<u>0.0450</u>	<u>0.0450</u>	<u>0.0450</u>	<u>0.0450</u>
Subtotal	5.3055	1.8401	1.7579	1.5217				
BTU & System Loss (8%)	0.0000	0.1472	0.1406	0.1217				
Demand Unit Charge	1.2200	2.7370	2.7370	2.7370	2.7370	2.7370	2.7370	2.7370
ETNG Rate Action 8/2020				1.0000				
Storage Charges	<u>0.0000</u>	<u>0.5900</u>	<u>0.5900</u>	<u>0.5900</u>	<u>0.5900</u>	<u>0.5900</u>	<u>0.5900</u>	<u>0.5900</u>
Cost of Gas	6.5255	5.3143	5.2255	5.9704				
System Operations	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>	<u>4.4745</u>
Cost per MCF	\$11.000	\$9.7888	\$9.7000	\$10.4449				
Rate per 100 Cubic Feet	\$1.10	\$0.98	\$0.97	\$1.04				

*NOTE: BTU & System Losses added June 2004 – BTU Factor (7%) System Losses (1%)  
Storage Charges added June 2004 and increased May 2008  
ETNG Rate Action added August 2020*



Retail Electric Rates Effective August 2020  
 TVA Fuel Cost Adjustment Standard Service = 0.01414

<b>RESIDENTIAL:</b>	
Customer Charge	16.67
First 2,000 kWh	0.08947
Additional kWh	0.08947
<b>PART A: LESS THAN 50 kW (GSA1)</b>	
Customer Charge	19.36
First 15,000 kWh	0.09911
<b>PART A: 51 - 1,000 kW (GSA2)</b>	
Customer Charge	70.00
51 - 1,000 kW	15.56
First 15,000 kWh	0.10624
Additional kWh	0.05884
<b>PART A: 1,001 - 5,000 kW (GSA3)</b>	
Customer Charge	170.00
0 - 1,000 kW	14.12
1,001 - 5,000 kW	14.09
All kWh	0.06256
<b>OUTDOOR LIGHTING:</b>	
Customer Charge - See Outdoor Lighting Schedule Schedule LS	16.67
All kWh per month	0.06538
Facility Charge	9.00%
<b>TIME OF USE SERVICE: TIME DIFF PART A - GENERAL SERVICE</b>	
Customer Charge	1,500.00
Demand Charge	
Onpeak kW	10.95
Maximum kW	5.23
Excess Over Contract	10.95
Energy Charge	
Onpeak	0.09505
Offpeak First HUD 200 hours	0.06156
Offpeak Next HUD 200 hours	0.01908
Offpeak Additional kWh	0.01605
<b>TIME OF USE SERVICE: TIME DIFF PART A - MANUFACTURING</b>	
Customer Charge	1,500.00
Demand Charge	
Onpeak kW	10.24
Maximum kW	3.57
Excess Over Contract	10.24
Energy Charge	
Onpeak	0.07009
Offpeak First HUD 200 hours	0.04509
Offpeak Next HUD 200 hours	0.01766
Offpeak Additional kWh	0.01511





Retail Electric Rates Effective August 2020  
 TVA Fuel Cost Adjustment Standard Service = 0.01414

TIME OF USE SERVICE: PART B - GENERAL SERVICE	
Customer Charge	1,500.00
Demand Charge	
Onpeak kW	10.87
Maximum kW	5.21
Excess Over Contract	10.87
Energy Charge	
Onpeak	0.07843
Offpeak First HUD 200 hours	0.05352
Offpeak Next HUD 200 hours	0.01894
Offpeak Additional kWh	0.01553
TIME OF USE SERVICE: PART B - MANUFACTURING	
Customer Charge	1,500.00
Demand Charge	
Onpeak kW	10.24
Maximum kW	2.26
Excess Over Contract	10.24
Energy Charge	
Onpeak	0.07089
Offpeak First HUD 200 hours	0.04589
Offpeak Next HUD 200 hours	0.01620
Offpeak Additional kWh	0.01365
TIME OF USE SERVICE: PART C - MANUFACTURING	
Customer Charge	1,500.00
Demand Charge	
Onpeak kW	10.24
Maximum kW	1.65
Excess Over Contract	10.24
Energy Charge	
Onpeak	0.06977
Offpeak First HUD 200 hours	0.04476
Offpeak Next HUD 200 hours	0.01761
Offpeak Additional kWh	0.01761

# Tennessee Valley Authority

## Fuel Cost Adjustment

Effective: from October 1, 2006

FCA	TERM	FCA	Base Fuel Amount	New FCA Amount	Residential Increase per 1,000 kWh	Cumulative Increase
Jan	2016	(0.103)	1.994	1.891	-0.36	-1.03
Feb	2016	(0.319)	1.994	1.675	-2.16	-3.19
Mar	2016	(0.258)	1.994	1.736	0.61	-2.58
Apr	2016	(0.277)	1.994	1.717	-0.19	-2.77
May	2016	(0.362)	1.994	1.632	-0.85	-3.62
Jun	2016	(0.157)	1.994	1.837	2.05	-1.57
Jul	2016	0.202	1.994	2.196	3.59	2.02
Aug	2016	0.187	1.994	2.181	-0.15	1.87
Sep	2016	0.186	1.994	2.180	-0.01	1.86
Oct	2016	0.172	1.994	2.166	-0.14	1.72
Nov	2016	0.166	1.994	2.160	-0.06	1.66
Dec	2016	0.263	1.994	2.257	0.97	2.63
Jan	2017	0.149	1.994	2.143	-1.14	1.49
Feb	2017	0.048	1.994	2.042	-1.01	0.48
Mar	2017	(0.067)	1.994	1.927	-1.15	-0.67
Apr	2017	(0.039)	1.994	1.955	0.28	-0.39
May	2017	0.019	1.994	2.013	0.58	0.19
Jun	2017	0.028	1.994	2.022	0.09	0.28
Jul	2017	0.217	1.994	2.211	1.89	2.17
Aug	2017	(0.001)	1.994	1.993	-2.18	-0.01
Sep	2017	(0.282)	1.994	1.712	-2.81	-2.82
Oct	2017	(0.287)	1.994	1.707	-0.05	-2.87
Nov	2017	(0.130)	1.994	1.864	1.57	-1.30
Dec	2017	(0.131)	1.994	1.863	-0.01	-1.31
Jan	2018	(0.182)	1.994	1.812	-0.51	-1.82
Feb	2018	(0.150)	1.994	1.844	0.32	-1.50
Mar	2018	0.024	1.994	2.018	1.74	0.24
Apr	2018	(0.006)	1.994	1.988	-0.30	-0.06
May	2018	(0.073)	1.994	1.921	-0.67	-0.73
Jun	2018	(0.113)	1.994	1.881	-0.40	-1.13
Jul	2018	(0.102)	1.994	1.892	0.11	-1.02
Aug	2018	(0.101)	1.994	1.893	0.01	-1.01
Sep	2018	(0.326)	1.994	1.668	-2.25	-3.26
Oct	2018	(0.158)	1.994	1.836	1.68	-1.58
Nov	2018	(0.074)	1.994	1.920	0.84	-0.74
Dec	2018	(0.050)	1.994	1.944	0.24	-0.50
Jan	2019	0.034	1.994	2.028	0.84	0.34
Feb	2019	(0.085)	1.994	1.909	-1.19	-0.85
Mar	2019	(0.203)	1.994	1.791	-1.18	-2.03
Apr	2019	(0.314)	1.994	1.680	-1.11	-3.14
May	2019	(0.336)	1.994	1.658	-0.22	-3.36
Jun	2019	(0.247)	1.994	1.747	0.89	-2.47
Jul	2019	(0.140)	1.994	1.854	1.07	-1.40
Aug	2019	(0.321)	1.994	1.673	-1.81	-3.21
Sep	2019	(0.491)	1.994	1.503	-1.70	-4.91
Oct	2019	(0.466)	1.994	1.528	0.25	-4.66
Nov	2019	(0.236)	1.994	1.758	2.30	-2.36
Dec	2019	(0.247)	1.994	1.747	-0.11	-2.47
Jan	2020	(0.162)	1.994	1.832	0.85	-1.62
Feb	2020	(0.357)	1.994	1.637	-1.95	-3.57
Mar	2020	(0.367)	1.994	1.627	-0.10	-3.67
Apr	2020	(0.564)	1.994	1.430	-1.97	-5.64
May	2020	(0.579)	1.994	1.415	-0.15	-5.79
Jun	2020	(0.567)	1.994	1.427	0.12	-5.67
Jul	2020	(0.497)	1.994	1.497	0.70	-4.97
Aug	2020	(0.580)	1.994	1.414	-0.83	-5.80
Sep	2020					
Oct	2020					
Nov	2020					
Dec	2020					

\* Beginning April 1st 2011 TVA removed all fuel costs from the base rates and will include all fuel costs in the Fuel Cost Adjustment in the future