



LOUDON UTILITIES

P.O. BOX 69

LOUDON, TENNESSEE 37774

AGENDA

LOUDON UTILITY BOARD WORKSHOP

Monday, March 8, 2021

4:30 PM

1. Recognition of Visitors
2. TVPPA/Seven States – Broadband Middle Mile Initiative
3. Water System Hydraulic Model
4. Solar RFP
5. Queener Road Utility Relocation
6. Update on Active Projects
 - A. Water and Waste Water System Improvements
 - TVPOA Tank
 - River Crossing
 - Water Treatment Plant
 - Low Volume Pump
 - Bulk Hypo. Conversion
 - B. Operations Center Projects
7. Waterfront Property
8. Safety Report
9. Natural Gas Rate
10. Other



LOUDON UTILITIES

P.O. BOX 69

LOUDON, TENNESSEE 37774

To: Chairman Campbell and Board Members

From: Ty Ross

Subject: March Workshop Items

Date: March 5, 2021

The following items appear on the agenda for the March 8, 2021 workshop meeting of the Board of Directors of Loudon Utilities:

1. *Recognition of Visitors:*
2. *TVPPA/Seven States:* Guest speaker Clint Wilson of the Seven State Power Corporation will provide an overview of the Middle Mile Fiber Connectivity Initiative in the Tennessee Valley. With more than two decades of experience in the public power industry, Seven States Senior Vice President of Engineering & Market Innovation, Clint Wilson, leads efforts related to emerging technologies, research, and innovation. Recently, Wilson has headed up efforts to create a roadmap for middle mile fiber connectivity which can empower local power companies in their efforts to improve operational efficiencies and reliability, and deliver affordable, high-speed fiber throughout the Valley. Read more here <https://www.sevenstatespower.com/2021/01/11/board-to-vote-on-middle-mile-fiber-expansion/>

3. Water System Hydraulic Model: Water distribution system modeling (commonly referred to as hydraulic modeling) involves the use of a computerized mathematical model to predict the performance of a water system to solve a wide variety of issues including, but not limited to, design, operations, system planning, water quality, water loss, energy management, and emergency response. Models can help water utilities by enabling more proactive and responsive decision making, delivering better customer service, and ensuring employee satisfaction. Water utilities can use models to understand the infrastructure and operations needed to support a network of growing residential and commercial consumers. For example, a model can predict pressures and flows within a water system in order to evaluate a design and compare the system performance against design standards. Models are also used in operational studies to answer questions related to storage capacity, control schemes, water delivery, water quality, and more. Water quality models are used to predict water age, track disinfectant residuals, and reduce disinfection by-products in a distribution system. A limited hydraulic model was created to solve the supply issues related to TVPOA. This workshop agenda item is to discuss the procurement of a system wide model to aid current operations and facilitate future development throughout our system.
4. Solar RFP: In order to better promote LUB’s Wholesale Power Flexibility options we issued a Request for Proposal from solar providers. The proposal invites submittals for 15, 20, and 25-year terms. Here is the planned schedule going forward:

RFP Schedule

Action	Date
RFP Release Date	February 11, 2021
Pre-Bid Conference Call	March 25, 2021
Question Submittal Deadline	March 26, 2021
Proposal Submittal Deadline	April 30, 2021
Evaluation of Proposals	May 2021 (tentative)
Notification of Short List	June 2021 (tentative)
Selection of Proposals	June 14, 2021 (tentative)
Contract Execution	June 29, 2021 (tentative)

5. Queener Road Utility Relocation: With a goal of completion by April 1, 2021 we are working on the following:
 - Replacement of a 6-inch water main with a 12-inch water main.
 - relocation of utility poles along with coordination with the various telecoms attached to our poles.
6. Update on Active Projects:
 - A. We will provide general updates on the status of the following on-going Water/Waste Water system improvement projects:
 - TVPOA Tank – still in property acquisition phase
 - River Crossing – entering compliance with Fed EDA grant requirement phase
 - WTP – nearing end of State Revolving Fund application phase
 - Low Volume Pump – still in property acquisition phase
 - Bulk Hypo. Conversion – currently advertised for bids
 - B. Also, we will provide an update on the approved interior upgrades at the Customer Service Center and Operations Center.
7. Waterfront Property: There will be a presentation of the potential sale of two (2) acres behind the Water Tower.
8. Safety Report: There was one (1) reportable injury in the month of February.
9. Natural Gas Rate: The natural gas rates have not been received as yet.



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. 71 on December 27, 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

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

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

Meeting ID: 642 995 8536

Password: LoudonTN

One tap mobile

+13017158592,,6429958536# US (Germantown)

+13126266799,,6429958536# US (Chicago)

Dial by our location

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

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.