HARRIMAN UTILITY BOARD
AGENDA
Monday, November 30, 2026, at 5:30 P.M.

A. Call to Order
B. Prayer / Pledge
C. Roll Call
D. Adoption of Previous Minutes
E. Hearing of Delegations

F. Old Business

1. Status/Update on Ongoing Projects.

G. New Business

1. Discussion and possible action to approve an Agreement with Highland Telephone Cooperative.
2. Discussion and possible action to cancel the HUB Board Meeting scheduled for December 28, 2026.

H. Board Member Comments
General Manager Comments
General Counsel Comments
Staff Comments

I. Informational Items for Board
General Manager's Activity Report
TVA Total Monthly Fuel Cost – December 2026
Electric Reliability Statistics – October 2026
Monthly Financial Reports – September 2026

J. Adjournment

Agenda Item F-1:

Administrative/Multi-Department:

HUB Organizational Chart Updates: HUB currently has 79 full-time and 4 part-time employees (excluding Board members). HUB is currently seeking candidates to fill vacancies in the Accounting and GWS Departments.

Emory Creek Subdivision Phase 2: Grading work has begun on Emory Creek S/D Phase 2. Sewer construction is expected to begin on November 24th. Our GWS team will be inspecting the work being installed by the developer's contractor.

Infrastructure Planning Grant (IPG): This current project is complete. We are awaiting award announcements in January to see if we will receive additional funding through this program.

IT Department Updates: We signed a contract for the new telephone system, which was approved at the Special Called meeting earlier this month. After experiencing a phone system outage on November 11-12 (lasting from about 8:00 p.m. ET Wednesday to about 9:00 a.m. ET Thursday), we are especially glad to get started with the new cloud-based service.

Cybersecurity Update:

Our IT staff, along with employees throughout the organization, remain vigilant about cybersecurity. HUB has implemented several layers of protection to help safeguard our computer systems, network, and data. These measures include continuous monitoring for suspicious activity, real-time detection and response to potential threats, and antivirus and malware protection on all company computers. We also utilize employee awareness training and simulated phishing exercises to help our team recognize and avoid common cybersecurity threats.

Cybersecurity is an ongoing responsibility, and we continue to take a proactive approach by combining technology, continuous monitoring, and employee education to identify and address potential threats as quickly as possible.

HUB Fiber/Broadband Department:

Customer Growth: As of November 18th, HUB Fiber serves 1,228 active customers, representing an approximate 16.3% take rate toward our long-term goal of 40% (active customers versus total passings).

SmartTown: We are in the process of turning on SmartTown for all customer equipment throughout our HUB Fiber network. Our staff wants to test the system and evaluate the best way to market to customers. This service can be especially helpful to first responders and utility personnel when there is no cellular service. It is also helpful during major disasters or technology failures that create unexpected cellular

outages. This service was used during the aftermath of Hurricane Helene in 2024, for example.

Calix Announcement: We were informed on November 16th that Calix will be migrating to new appliances soon. This refers to the Calix GigaSpire u4.2 and u6.3 units that we install on customer premises. The newer versions will allow for Wi-Fi 7. We expect to start seeing the new models as early as January, but do not expect any cost changes as a result.

Telephone Services: As of November 18th, HUB Fiber serves 30 active phone customers. This month, we connected our first Enterprise Phone Customer.

Wholesale Fiber Opportunity: Covered under New Business.

Electric Department:

Line Crew Update / New Services & Maintenance: The line crew installed seven new electric services this month, bringing the year-to-date total to 137. The crew also installed approximately 1,000 feet of underground primary to serve a new subdivision off Black Oak Road in the Sugar Grove Valley Road area. Additionally, 1,500 feet of underground primary was installed on Peninsula Road to serve three parcels.

Smart Grid Update:

In January of this year, the Board approved a proposal from S&C Electric Company under its "Rapid Reliability Program." The project included the purchase of six (6) new 15.5 kV Intellirupter® PulseCloser® Fault Interrupters and six (6) communication retrofit kits for HUB's existing Intellirupter devices. This investment is an important step in our long-term strategy to build a self-healing, modern "smart grid" that improves electric system reliability and resiliency, ultimately resulting in fewer and shorter outages for our customers.

Our goal is to install at least six additional Intellirupters each year until we have approximately 38 devices deployed throughout our system. Since the initial approval, our team has made the decision to incorporate OptiCouplers into the communications design. These devices allow us to connect directly to our fiber network's MSTs, eliminating the need to install additional communication enclosures on utility poles. While this approach will provide a cleaner and more efficient installation, it did cause some delay in completing the retrofit work.

This past month, we received all six (6) new Intellirupter devices and are now working to get them installed. Once all 12 devices (six new installations and six retrofits) are communicating across the network as designed, we will return to the Board for approval to purchase the next group of devices for FY28. Because of the extended lead times associated with this equipment, we will need to plan on placing orders each spring to maintain our target of installing at least six devices annually.

This is a multi-year investment in the future of HUB's electric system. As we continue building out this technology, we are moving toward a more automated, responsive system that can identify faults, isolate affected sections, and restore service to customers more quickly—improving reliability while reducing the number of customers impacted by an outage.

ROW Updates:

In-House Crew: The right-of-way crew has been catching up on work orders and trimming trouble lines to assist the line crew with ongoing maintenance needs. The mowing crew has now moved its operations to the 69 kV line.

Contractor Crew: Our contractor, Dark Horse Electric has continued work on the Oakdale circuit.

TVA Electric Vehicle Fast Charger Network: In October 2026, 45 unique drivers used the charging station, resulting in 164 sessions (up from 162 in September). As of November 16th, 30 unique drivers have used the charging station this month, for a total of 87 sessions.

Gas Department:

Gas Maintenance Work: Since last month's meeting, GWS crews completed two new gas taps, repaired two gas service leaks, and decommissioned one gas service. Crews also completed monthly gas system sniffs, rectifier inspections, and gas main patrols.

PHMSA NGDISM Grant Application: No update. Awards are expected to be announced this Fall.

Water Department:

Water Maintenance & Water Loss Updates: Since last month's meeting, GWS crews completed one new water tap, repaired one water main leak, and replaced three water service leaks. Crews also removed five customers from an old 1-inch galvanized water line and reconnected them to the existing 6-inch Transite water main. Staff have continued water loss investigation efforts throughout town, working to identify and address potential sources of water loss. Additionally, HUB staff have continued working with Kent Bowman of Bowman Backflow to test backflow prevention devices, identify necessary repairs and improvements, and strengthen HUB's backflow prevention program and recordkeeping. In addition, crews replaced approximately 400 feet of existing 2-inch poly pipe with new 2-inch poly on Frost Hollow Road and 500 feet of 2-inch galvanized pipe with new 2-inch poly on McKinney Road. Lastly, GWS crews checked the existing heat sources and installed portable heat sources (where necessary) at all necessary water stations, pits, and tanks; removed a fallen tree from Boswell Tank’s access road; and replaced the pit electrical outlet at Gormley pump station.

Water Plant Updates: The water treatment plant continues to operate normally. On November 4th, staff pumped sludge from the plant. On November 11th, quarterly samples for disinfection byproducts (DBPs), total organic carbon (TOC), and fluoride were collected and sent to Pace Analytical for testing on November 12th. On November 12th, Kent Bowman completed repairs to the backflow prevention devices at the water treatment plant. Additionally, HUB distributed Lead and Copper sampling results to all 30 customers who provided samples. All results were below the applicable action level and maximum contaminant level goal. Routine water quality monitoring and treatment operations have continued throughout the month.

Sewer Department:

Sewer Maintenance: Since last month's meeting, GWS crews completed one new sewer tap, cleared two stopped-up sewer mains, and cleared five stopped-up sewer services. Crews also installed approximately 200 feet of new 2-inch poly pressure sewer main in the alley behind RoCo Social. Following the installation, staff patched the road cut using approximately 11 tons of asphalt. Lastly, GWS crews performed a repair on the influent line at Hardee's lift station and made adjustments to the ramp down times at both Hardee's and Mays lift stations.

Sewer Plant Update: The wastewater treatment plant continues to operate normally for this time of year. Staff submitted last quarter's testing on November 2nd and completed DMRQA-46 testing on November 5th, with results expected in December. Staff have continued pressing the digester and performing maintenance on the press throughout the month. On November 10th, staff also participated in the Wastewater Master Plan meeting at HUB's main office. Outfall #1 has been used each day this month, and HUB staff continue to support plant operations and maintenance as needed.

Agenda Item G-1:

Approval of Agreement with Highland Telephone Cooperative: The enclosed agreement with Highland Telephone Cooperative (HTC) would allow HUB to establish a connection to iRis Networks, expanding the opportunities to utilize our existing fiber network for telecommunications and broadband services. HTC will facilitate the connection by interconnecting its network with HUB's system, effectively allowing HUB's network to become an extension of the HTC network and providing access to iRis.

Under the proposed arrangement, HUB will receive 50% of the monthly revenue HTC receives from iRis for circuits delivered through the connection. Any applicable construction costs incurred by HUB to provide service will also be reimbursed by HTC after the circuits are accepted by iRis and construction reimbursement is received. The agreement establishes an initial three-year term, with either party having the ability to terminate with 180 days' written notice.

I recommend approval of the agreement, which will provide HUB with an additional opportunity to generate revenue from our fiber infrastructure and expand its participation in the regional telecommunications market.

Agenda Item G-2:

Cancellation of HUB's December Board Meeting: HUB's next regularly scheduled Board Meeting is Monday, December 28th. Given the timing of the meeting during the holiday season and the absence of any anticipated business requiring Board action, I recommend canceling the December meeting and resuming our regular meeting schedule on January 25th.

Agenda Item H:

TVA Total Monthly Fuel Cost: Enclosed is information from TVA regarding the Total Monthly Fuel Cost (TMFC) adjustments for December 2026. TVA says the December 2026 average fuel rate will be $23.42 per megawatt-hour, which is 9% lower than November's rate driven by higher availability of low cost nuclear and hydro generation offsetting higher-priced purchased power. The December 2026 average fuel rate is higher than historical December fuel rates due to an increase in the outlook for gas prices and the remaining true-up amount from prior months.

Comparison of TMFC:

Fuel Rate (cents/kWh)	Sept 2026	Oct 2026	Nov 2026	Dec 2026
Standard Service	2.404	2.052	2.612	2.361
Large General Service	2.245	2.010	2.509	2.346
Large Manufacturing Service	2.203	2.000	2.424	2.279

Manager's Activity Report: On October 28th, I hosted a Pension Committee meeting. The following day, I had the opportunity to speak with the current class of the Valley Public Power Leadership Academy on the topic of "Technology and Innovation," alongside colleagues from Knoxville Utilities Board, Huntsville Utilities, and TVPPA.

On November 2nd, several members of HUB staff joined me for a meeting with Oakdale Mayor Buddy Miller to discuss the possibility of HUB assuming ownership of the Town's sewer system. This topic needs further study before I present it to the HUB Board for consideration. On November 3rd, I attended the Harriman City Council meeting.

On November 4th, I completed Jeremy's First Aid/Safety Training course, followed by an Insurance Committee meeting on November 5th.

I would also like to thank the HUB Board for accommodating a Special Called Meeting on November 9th to review and approve our insurance renewal and new phone system agreement.

On November 10th, HUB staff and I met with Ardurra (formerly Cannon & Cannon) to review the final draft of the HUB Wastewater System Master Plan. Finally, on November 11th, we enjoyed our annual HUB Thanksgiving Lunch.

Electric Reliability Statistics: The HUB Electric Reliability Statistics for October 2026 are enclosed.

Monthly Financial Reports: The monthly financial reports for September 2026 are enclosed.

Important Dates:

- **Thursday, December 3rd** – Harriman's Christmas Parade
- **Tuesday, December 8th** – "Santa Day"
- **Thursday, December 17th** – HUB Employee Christmas Party
- **Wednesday, December 23rd** – HUB Warehouse Christmas Breakfast (7:30 a.m. to 9:30 a.m.)
- **Thursday, December 24th** – HUB Closed for Christmas Eve
- **Friday, December 25th** – HUB Closed for Christmas Day
- **Friday, January 1st** – HUB Closed for New Year's Day
- **Monday, January 18th** – HUB Closed for Martin Luther King Jr. Day
- **Monday, January 25th** – HUB Board Meeting at 5:30 p.m.
- **Monday, February 22nd** – HUB Board Meeting at 5:30 p.m.
- **Friday, March 26th** – HUB Closed for Good Friday
- **Monday, March 29th** – HUB Board Meeting at 5:30 p.m.