

STATE OF NEW YORK  
PUBLIC SERVICE COMMISSION

CASE 22-M-0429 - Proceeding on Motion of the Commission to  
Implement the Requirements of the Utility  
Thermal Energy Network and Jobs Act.

NOTICE OF TECHNICAL CONFERENCE

(Issued February 28, 2024)

On September 14, 2023, the Commission issued its Order Providing Guidance on Development of Utility Thermal Energy Network Pilot Projects (Guidance Order) in this proceeding. As explained in the Guidance Order, Department of Public Service staff (Staff) is required to convene one or more Technical Conference(s), before March 31, 2024, to address utility thermal energy network (UTEN) performance metrics including, but not limited to, the categories of: (1) technical; (2) financial; (3) customer/societal; and (4) safety/reliability. The Guidance Order identified a sampling of the various performance metrics to be used as a starting point for developing a common set of metrics across all UTEN pilot projects.<sup>1</sup> This list is attached to this Notice for convenience. Stakeholders are encouraged to email input, questions, or suggested additional/alternate performance metrics to Jordan Lesser at [Jordan.Lesser@dps.ny.gov](mailto:Jordan.Lesser@dps.ny.gov) by March 12, 2024.

**PLEASE TAKE NOTICE** that the Technical Conference regarding UTEN Potential Performance Metrics will be held on March 19, 2024, beginning at 1:00 p.m. in the 19th Floor Boardroom of the Department's Albany office, located at Three Empire State Plaza, Albany, New York, and virtually through Webex.

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<sup>1</sup> Guidance Order, Appendix B.

Anyone attending the technical conference in person must send their name and contact information to Jordan Lesser, by March 15, 2024, using the email address provided above, and, upon arrival to the building, must also be prepared to show identification at the security desk.

To participate virtually, please use the following link and information:

<https://meetny.webex.com/meetny/j.php?MTID=mc3370a5225957013be1f656de8a31ace>

**Webinar Number:** 161 949 8898

**Password:** Metrics2024

To participate by phone, please use the following information:

**Call-in Number:** 518-549-0500

**Access Code:** 161 949 8898

**Password from phones:** 63874272

(SIGNED)

MICHELLE L. PHILLIPS  
Secretary

## POTENTIAL PERFORMANCE METRICS

## Technical:

- Type of thermal energy network system
- Time hydronic temperature is within/outside a defined range
- Frequency system is operating outside of temperature range
- Hydronic flow to each customer at various stages of operation and peak design demand
- Duration of time UTEN system is operating outside of optimal flow requirements
- Thermal energy capacity and output of each thermal source
- Frequency and duration backup heating is required for customer and system
- Electricity consumption at customer site, both pre- and during project operation
- Other fuel consumption at customer site, both pre- and during pilot project operation
- Permits required
- On-site energy consumption relative to various levels of energy efficiency.

## Financial:

- UTEN Capital Expenses
- UTEN Customer Expenses
- UTEN System Operating Expenses
- Customer bill impacts compared to previous energy costs
- Customer bill impacts, without protections, compared to previous energy costs
- UTEN System cost compared to individual customer owned geothermal and air source installations
- Cost performance with varying levels of energy efficiency
- Company's capital expenses on a per customer basis
- Company's capital expenses on a per unit output basis
- Company's capital expenses on a maximum system output basis
- Company's operating expenses on a per customer basis
- Company's operating expenses on a per unit output basis
- Company's operating expenses on a maximum system output basis

## Customer/Societal:

- Customer site emissions
- UTEN system emissions
- Billing accuracy and timeliness
- Customer complaints
- Customer engagement
- Customer service
  - Customer billing
- Customer participation
- Jobs and economic impacts

## Safety/Reliability:

- Number of leaks
- Cause of each leak (corrosion, natural force, excavation, other outside force, pipe/weld/joint failure, equipment failure, incorrect operation, other)
- Incidences of facility failures including types of failure
- Number of customer outages
- Duration of customer outages
- Emergency response time
- Excavation damages
- Pipe data, including miles of main, number of services, material, size, and installation year(s)\*
- Solution type (water, glycol, mix solution, etc.)
- System operating hours, including planned and forced maintenance hours