Date Filed: September 28, 2026

Witness: Jared A. Lawrence
Request from: Office of Consumer Counsel

Question:

Refer to Exhibit CLP-AMI-2 at 16-17, "Company concluded that a hybrid approach, utilizing a private wireless "mesh" network coupled with public carrier cellular networks, is the most effective technology for its electric AMI telecommunications network needs".

a. Please describe how the Company intends to use the mesh network vs. public carrier cellular networks including the following:
   i. Please confirm that public carrier cellular networks will be used to backhaul AMI data to the head end and meter data management system. If so, please describe the interval at which AMI data will be backhauled and the latency of the data transfer.

Response:

The AMI network uses a combination of mesh network technology and public cellular carriers to create the backhaul path. AMI meters form a mesh network where each meter can relay data for other meters, cost-effectively extending coverage and improving reliability. This mesh provides the local area network for AMI data backhaul. Access Points (APs) are AMI network devices that utilize the mesh network and public cellular carriers. APs aggregate and route traffic between AMI meters and the AMI head-end system using public cellular carriers. Public cellular carriers provide wide area network coverage.

AMI meter data is backhauled every 15 minutes. Data latency from a customer's meter to the head-end system averages less than 10 seconds in the Massachusetts AMI system.