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, "The latest generation AMI mesh networks enable powerful smart meters with enhanced processing and memory capabilities to run applications and securely share data among peer meters. These enhanced capabilities allow the meters to interpret the scope of a network outage, rapidly sample and interrogate voltage quality, and provide insight into the general health of the electric network. This new AMI architecture has enabled multiple new use cases and enhanced existing ones".

a. Please describe the latency of at which meters can securely share data among peer meters.
b. Please describe the latency at which the Company can have insight into the general health of the electric network and respond if there are adverse conditions.
c. Please describe what if any new use cases this AMI architecture enables beyond the described distributed intelligence capabilities.

Response:

a. Meters can communicate across the mesh network instantaneously, with transfer speeds for peer-to-peer communications that can go up to 600kbps.

b. Outages or adverse events are detected by AMI meters instantaneously, and the frequency of detection is based on prioritization as dictated by the Company. Responses are managed in the same manner as received.

c. At present, distributed intelligence architecture enables the use cases as described in CLP-AMI-2. However, a benefit of the distributed intelligence architecture that is deployed as part of the Massachusetts AMI program is that future application development can enable new outcomes which includes the potential for use-cases that are not yet known but will be developed and evolve as meter technology changes. These applications can be deployed over-the-air, at scale quickly and do not require field visits.