

Camacho, Aida [BPU]

From: John Cannie <jrcannie@gmail.com>
Sent: Monday, August 23, 2021 5:51 PM
To: Secretary, BPUBoard [BPU]
Subject: [EXTERNAL] Comments on AMI Proposal Docket No. EO20110716

Aida Camacho-Welch
Secretary of the Board
44 South Clinton Ave., 1st Floor
Post Office Box 350 Trenton, NJ 08625-0350
Email: board.secretary@bpu.nj.gov

Regarding:

**STRAW PROPOSAL ON ADVANCED METERING INFRASTRUCTURE (AMI) DATA TRANSPARENCY, PRIVACY & BILLING
Docket No. EO20110716**

AMI Meter Comments

Meters should not be able to interrupt power services. It is virtually impossible to make these devices un-hackable. These will be able to be hacked by foreign security services, thus being able to turn off power across the state in seconds.

Meters should be able to be optionally connected to consumer's home networks, either by wire or wireless. The meters may only have a standardized attachment by which the consumer can purchase an interface of choice. This device can then collect, distribute to multiple services, provide consumer real time notifications, etc. This could enable very small real time Interval Usage ("UI") for consumer control and permit larger UI for utility collection, thus limiting the bandwidth and storage requirements for the utility. For example, the local UI could be 5 Seconds and the Utility UI could be 5 – 15 minutes. This dual UI would provide the consumer the option to react in real time, while still providing the overall system perspective.

Meter updates: Meters could be connected to consumer's internet networks for software updates.

A consumer controlled meter attachment could even permit the consumer to push power back into the grid from battery storage. The standard should include a protocol for the distribution system to present to the consumer an offer to receive power. Potentially there could be a rate benefit to the consumer to push power when the grid can consume it. This would drive the solar industry to develop and implement the meter attachment system as part of a consumer system.

The overall system should be able to identify outage back to the distribution grid. For example, my provider is Butler Electric, who current buys from Jersey Central. I believe Jersey Central considers all of Butler Electric as 4 customers when counting their outages! The metering systems should be able to roll up real outage impact.

Regards,

John Cannie
President
Fayson Lake Water Company

Email: jrcannie@gmail.com