From: jlazar@everyactioncustom.com on behalf of Jim Lazar
To: Public Involvement (UTC)
Subject: PSE IRP, Dockets UE-2003044 and UG-200305
Date: Thursday, February 25, 2021 8:30:54 PM

External Email

Dear UTC Commissioners,

The PSE Integrated Resource Plan is severely deficient in the area of demand response.

PSE should have the ability to control all thermostats, water heaters, spas, electric vehicle chargers, and laundry equipment to ensure that they are not operated during peak periods in an emergency, and have pricing in place to encourage consumers to use these loads in low-cost periods. The IRP does not address this critical piece of demand response.

Let's put this into some perspective. Texas just experienced massive human suffering due to a capacity shortfall of over 13,000 megawatts of electricity supply. If they could have curtailed water heaters, spas and pools, and controlled gas and electric heating thermostats to 50 degrees (cold, but not hazardous), they probably could have avoided nearly all of the supply-related outages. (There would still have been some distribution-related outages).

We should learn from this. The PSE IRP should measure the value of these controls, the costs of these controls, the compensation framework for these controls, and the technical requirements to deploy these controls. If necessary, they should amend the rules and regulations to ensure grid operator control of major end-uses during a power supply constraint.

Failure to analyze available options will lead to unnecessarily high costs, and unnecessarily poor service quality.

Sincerely,
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