To: Jana Saba, PacifiCorp
From: WRA
RE: Questions for technical conference in Docket No. 20-035-04 (cost of service and rate design)
Date: Jul 17, 2020

Unbundled rates

1. Please walk through how functionalized (and sub-functionalized) costs flow into the unbundled residential rate components.

Time of use rates

1. Why can't schedule 135, 136, or solar subscriber customers participate in Schedule 2E (EV TOU pilot)? Is it a metering issue?
2. Do PacifiCorp's existing advanced meter reading (AMR) meters have a memory chip that stores load profile information or do they simply provide register readings? If the meters store load profile information, at what frequency does it record it (e.g. every 30 seconds, 15 minutes, one hour, etc.)?
3. What were the reasons for Pac's decisions to invest in an ERT Gateway Mesh network rather than moving forward with full-scale advanced metering infrastructure (AMI) deployment?
4. Are existing AMRs capable of being used for time of use (TOU) rates?
5. Are AMR meters, along with the ERT Gateway Mesh, capable of being used for time of use rates?
6. Is it the AMI capability of the ERT Gateway Mesh that will allow Pac to collect/provide interval data to customers with AMR meters? Please describe how the AMR meters will interact with the ERT Gateway Mesh, and by what mechanisms the Company will collect, store, and distribute interval data.
7. Using the ERT Gateway Mesh, at what frequency will PacifiCorp collect customer energy and demand data from AMR meters (every 30 seconds, 15 minutes, one hour, etc.)? On what basis will PacifiCorp provide this usage data back to residential customers (30 second intervals, 15 minute intervals, one hour intervals, etc.)?
8. Does the company plan to deploy AMI meters (Itron RIVA meters) to all residential customers as existing AMRs reach the end of their lives? What is the estimated remaining life of the exiting AMR meters?
9. What is the estimated life of an Itron RIVA meter?
10. Does PacifiCorp have any information on the success rate (or recording error rate) of the ERT Gateway Mesh in reading AMR meters? That is, how frequently can the Company get an accurate energy and demand reading from the AMR meters via the ERT Gateway? (E.g. what happens if something interferes with the radio frequency from the AMR meter? Does meter reading success rate decline? Does this change from season to season?)