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BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

**In the Matter of PacifiCorp's 2021
Integrated Resource Plan**

Docket No. 21-035-09

On September 20, 2021, the Public Service Commission issued a Scheduling Order and Notice of Technical Conference identifying January 5, 2022, as the last day to submit questions before the Technical Conference on January 19, 2022, in this matter. Utah Clean Energy submits the following questions for the Technical Conference.

1. The variability of solar and wind integration costs from year-to-year in the 2021 IRP is significantly greater than the year-to-year variability in integration costs from the 2019 IRP, and integration charges are significantly higher from 2023 to 2028 (*see* Figure F.11 in Volume II of the 2021 IRP, page 145). Please discuss the differences between the integration charge study in the 2019 and 2021 IRPs—how are you calculating the integration charge, and how does the projected integration charge match up to historical actual charges?
2. Appendix E states that "PacifiCorp has identified specific areas for research that include technologies such as dynamic line rating, phasor measurement units, distribution automation, advanced metering infrastructure (AMI), automated demand response and other advanced technologies" that are intended to "continually improve system efficiency, reliability and safety, while providing a cost-effective service to our customers." Please explain the process PacifiCorp went through to identify the areas of research referenced, and how the Plexos model identifies reliability and resiliency benefits from these technologies, specifically from energy efficiency and distributed energy resources?

3. Have PacifiCorp's hedging policies changed from the 2019 IRP? Please explain how the Plexos model evaluates and models PacifiCorp's current hedging costs in the portfolios.
4. We support and reiterate Sierra Club's 4th question: "Please explain how Idaho Power's exit from the Jim Bridger plant could impact the viability of assumed continued operations of the plant in the Company's preferred portfolio."

Please feel free to reach out to UCE to discuss or clarify any of these questions prior to the Technical Conference.

Dated: January 5, 2022,

Thank you,

/s/ Hunter Holman

Hunter Holman

Staff Attorney, Utah Clean Energy