REDACTED



1407 W North Temple, Suite 330 Salt Lake City, Utah 84114

June 22, 2022

VIA ELECTRONIC FILING

Gary Widerburg Commission Administrator Public Service Commission of Utah Heber M. Wells Building 160 East 300 South Salt Lake City, Utah 84114

Re: Notice of Non-Competitive Procurement with Atmospheric Data Solutions, Inc.

Dear Commissioners:

In accordance with PacifiCorp's ("PacifiCorp" or "the Company") Procurement Policy, the Company must report to the Public Service Commission of Utah ("Commission") purchases of goods or services exceeding \$1,000,000 that are not competitively bid. This letter hereby serves as notice that PacifiCorp has entered a non-competitively bid contract with Atmospheric Data Solution, Inc. ("ADS") that exceeds \$1,000,000. The contract is to purchase weather data for integration into PacifiCorp's Wildfire Analyst Enterprise ("WFA-E") software to improve the Company's fuel-related threshold with respect to wildfire risk. The total contract value is a maximum of \$\textstyle{\t

Pursuant to PacifiCorp's Procurement Policy, a supplier may be awarded a contract on a non-competitive basis under certain circumstances, such as when competitive bidding is impossible or impractical, or when otherwise a non-competitive procurement has been demonstrated to be in the best interest of the Company and its customers.

The 30-year weather data reanalysis produced by Atmospheric Data Solutions will include one-hour dead fuel moisture, 10-hour dead fuel moisture, 100-hour dead fuel moisture, 1000-hour dead fuel moisture and Energy Release Component. This data will be correlated with historical fire occurrence to improve the Company's fuels-related thresholds to facilitate the implementation of PacifiCorp's wildland fire mitigation plan. It will also be integrated into PacifiCorp's Localized Risk Assessment Model and Technosylva's WFA-E software to improve the accuracy of its fire modeling.

Evolution to a real time, mature fire modeling program that complements PacifiCorp's existing forecasting tools will provide additional insight into factors like fire size potential, populations impacted, and other fire behavior (rate of spread, etc.). This insight will be used to better characterize real time risk and inform decision making at a localized level to facilitate a more surgical approach to making decisions, such as whether to initiate a Public Safety Power Shutoff. It can also be leveraged to support prioritization of grid-hardening projects, asset/vegetation management maintenance work, and other wildfire mitigation efforts.

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ADS was selected as the vendor for this service without a competitive bidding process because they offer a unique, long-standing, and collaborative relationship with PSSC Labs, the manufacturer of PacifiCorp's High-Performance Computing Clusters ("HPCCs"). Over the past decade, ADS and PSSC Labs have worked together to design HPCC technology that is able to meet the unique computational demands of the Weather Research and Forecasting model framework. This longstanding collaboration allows them to offer seamless, fast-response support regarding any type of issue (hardware or software), all while maximizing up-time. ADS also has considerable experience working with PacifiCorp's other vendors in the meteorological space, such as StormGeo and Technoslyva. ADS possesses specialized experience using artificial intelligence to leverage numerical weather model data producing forecasted and historical wildfire-centric predictors including live and dead fuel moisture, Normalized Difference Vegetation Index, and wind speed and gust forecasts. ADS staff were a key participant in the development of the Santa Ana Wildfire Threat Index, which rates and communicates the threat of Santa Ana-related wildfires to millions of Southern California residents every fire season. Due to the unique nature of the product needed in this instance and ADS' specialized expertise, PacifiCorp determined it was in the interest of customers to award the contract without a competitive bidding process.

If you have any questions, please feel free to contact Jana Saba at 801-220-2823.

Sincerely,

Joelle Steward

Senior Vice President, Regulation and Customer & Community Solutions

Cc: Division of Public Utilities

Office of Consumer Services

CERTIFICATE OF SERVICE

Docket No. 22-999-01

I hereby certify that on June 23, 2022, a true and correct copy of the foregoing was served by electronic mail to the following:

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