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**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking Regarding Policies, Procedures and Rules for Development of Distribution Resources Plans Pursuant to Public Utilities Code Section 769.	Rulemaking 14-08-013 (Filed August 14, 2014)
And Related Matters.	Application 15-07-002 Application 15-07-003 Application 15-07-006
<b>(NOT CONSOLIDATED)</b>	
In the Matter of the Application of PacifiCorp (U901E) Setting Forth its Distribution Resource Plan Pursuant to Public Utilities Code Section 769.	Application 15-07-005 (Filed July 1, 2015)
And Related Matters.	Application 15-07-007 Application 15-07-008

**ADMINISTRATIVE LAW JUDGE'S RULING INSTRUCTING UTILITIES AND NON-UTILITY PARTIES TO ANSWER DATA REQUEST**

**Summary**

By this ruling, the utilities and non-utility parties are instructed to file and serve their answers the questions set for below in this ruling by the close of business on May 13, 2016.

## **1. Background**

On August 20, 2014, this Commission opened the instant rulemaking to establish policies, procedures, and rules to guide California investor-owned electric utilities (IOUs) in developing their Distribution Resources Plan (DRP) Proposals in conformity with Pub. Util. Code § 769. The scope of this proceeding also includes the evaluation of the IOUs' existing and future electric distribution infrastructure and planning procedures with respect to incorporating Distributed Energy Resources (DER) into the planning and operation of their electric distribution systems.

In their DRP applications, each utility included a set of data flows that could be made publicly available. Each utility also made reference to the fact that significant data is already publicly available, but is located in different places, ranging from customer data available through the Customer Data Access platform to grid conditions data available through the Renewable Auction Mechanism maps. The goal of the data access phase of this proceeding is to make publicly available data more readily accessible and usable, while creating a stakeholder driven process to increase the quantity and quality of data that can be made publicly available, both from utilities to the public and from third party DER providers to utilities.

Drawing from the DRP applications and parties' responses and protests, the table below compiles the types of data and characteristics pertaining to the granularity and availability of data.

Types of Utility Data (historical and forecast)	Peak loads, minimum loads, load shapes, voltage, distribution system capacity, frequency, power factor, system configuration, types and capacity of some existing DERs, generation data for (some) DERs, outage/reliability metrics, planned capacity/power quality/resiliency distribution upgrades, estimated cost of distribution upgrades, customer demographics.
Types of DER Provider/Customer Data	Location of DERs, generation capacity, generation profile, system status, voltage, power factor, electric vehicle charging profile.
Temporal Granularity	Sub-interval, meter interval, hourly, daily, monthly, annual.
Spatial Granularity	Customer, circuit, feeder, substation, distribution planning area, system.
Frequency of Availability	Real-time, monthly, quarterly, annual, biennial, general rate case cycle.
Security Level	Public, confidential but currently available with an NDA, confidential but potentially available with an NDA, restricted to non-market participants, confidential.
Format	Spreadsheet, SQL, GIS <sup>1</sup> (other).
Transfer Method	Web published, secure transfer.

Based on the review of the DRP applications and the foregoing table, we instruct the parties to answer the following questions. The answers will assist the Commission in preparing a data access workshop for parties to discuss a wide range of issues related a data access. The notice of a workshop, as well any

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<sup>1</sup> SQL: Structured Query Language, a standardized database access method; GIS: Geographic Information System, a method for display of data on maps.

requirements that will be imposed on the parties prior to, during, and after the workshop will be addressed by a separate ruling.

## **2. Questions for Non-Utility Parties**

- 1) Using the table above as a starting point, provide a comprehensive list of the data that DER providers need with specific details regarding data type, granularity, frequency of availability, format and preferred transfer method. For each data type, explain why the data are needed and why they should be available at the preferred granularity and frequency.
- 2) Regarding the data types that are already available, how could access to those data be improved or streamlined? Should the utilities be required to develop comprehensive data access platforms? If so, specify which data should be available through a centralized platform and provide recommendations regarding the structure of a centralized platform. Aside from highly sensitive data, are there any data types that do not lend themselves to provision via a central platform?
- 3) Of the data listed in response to Question 1, what data would appropriately be provided via the Integration Capacity Analysis (ICA) and Location Net Benefits Analysis (LNBA) map(s)? Are there data that do not feed into the ICA and LNBA results that would be useful to DER providers nonetheless? Is a centralized data access platform needed in addition the ICA and LNBA map(s)?
- 4) Is a data access working group needed, or should data access issues be addressed in the ICA and LNBA working groups? If a data access working group is needed, provide recommendations regarding the governance structure, treatment of confidential information, scope of work, and schedule of deliverables. How should the data access working group coordinate with the ICA and LNBA working groups?

**3. Questions for Utilities**

- 1) Are there any modifications you propose to the positions put forth in your DRP applications?
- 2) Using the table above as a starting point, provide a comprehensive list of the data that utilities need from DER providers with specific details regarding data type, granularity, frequency of availability, format and preferred transfer method. For each data type, explain why the data are needed and why they should be available at the preferred granularity and frequency.
- 3) Is a data access working group needed, or should data access issues be addressed in the ICA and LNBA working groups? If a data access working group is needed, provide recommendations regarding the governance structure, treatment of confidential information, scope of work, and schedule of deliverables. How should the data access working group coordinate with the ICA and LNBA working groups?

**IT IS RULED** that parties shall file and serve their answers to the questions contained in this ruling by May 13, 2016.

Dated April 29, 2016, at San Francisco, California.

/s/ ROBERT MASON III

Robert Mason III  
Administrative Law Judge