



Portland General Electric
121 SW Salmon Street · Portland, Ore. 97204

August 1, 2019

Public Utility Commission of Oregon
Attn: John Crider
Administrator, Energy Rates, Finance and Audit Division
201 High St., SE, Ste. 100
P. O. Box 1088
Salem, OR 97308-1088

Re: UE-335 PGE 2020 Vision Projects Q2 2019 Update

Dear Mr. Crider;

Pursuant to Paragraph 2(d) of the Partial Stipulation dated September 6, 2018, Portland General Electric Company is providing this quarterly update on its 2020 Vision Projects. As we stated in our Q1 2019 update, dated May 16, 2019, PGE has successfully implemented all the 2020 Vision projects.

These projects are as follows:

- Work Management System (WMS) Upgrade
- Finance and Supply Chain Replacement Project (FSRP)
- Infrastructure (hardware) and Program Office
- Maximo, Mobile and Scheduling Wave 1 (MMS)
- Maximo for IT
- MyTime time collection system
- Maximo, Mobile and Scheduling Wave 2
- Geographic Information System (GIS) and Graphic Work Design (GWD)
- Outage Management System (OMS)
- Business Intelligence (BI) Systems
- Customer Information (CIS)
- Meter Data Management Systems (MDMS)

Also discussed in PGE's Q1 update letter, the primary purpose of PGE's 2020 Vision Project was to replace obsolete systems, modernize, and consolidate our technology infrastructure. PGE has also incorporated financial savings attributed to 2020 Vision projects through numerous general rate cases and corporate budget cycles.¹ As these systems age (with the first tranche of projects completed in 2010) and PGE continues to adapt and respond to the changing technology environment, continuing to isolate financial savings attributable to 2020 Vision projects relative to a baseline of not making these investments, becomes difficult if not impossible. The fact is

¹ See PGE Exhibit 201, UE 262; PGE Exhibit 707, UE 283; and PGE Exhibit 900, UE 294 for prior incorporated savings.

many of the systems PGE replaced would be unable to meet current business needs. However, PGE has identified savings of approximately \$1.0 million in the second quarter of 2019 related to CET project efficiencies.

If you have any questions or require further information, please call me at (503) 464-7805.

Sincerely,

A handwritten signature in blue ink that reads "Jay Tinker". The signature is written in a cursive style with a light blue background behind the text.

Jay Tinker
Director, Rates and Regulatory Affairs