



**Portland General Electric Company**  
121 SW Salmon Street • 1WTC0306 • Portland, OR 97204  
portlandgeneral.com

March 14, 2022

***Via Electronic Filing***

Public Utility Commission of Oregon  
Attention: Filing Center  
P.O. Box 1088  
Salem, OR 97308-1088

**Re: PGE UE-319 2021 Prospective Research & Development Projects**

Filing Center:

Enclosed pursuant to OPUC Commission Order No. 17-511, is Portland General Electric Company's list of prospective Research and Development Projects for 2022. PGE inadvertently failed to file the prospective R&D report for the year 2022. This filing corrects the omission.

Thank you for your assistance in this matter. If you have any questions or require further information, please call me at (503) 464-7488.

Please direct all formal correspondence, questions, or requests to the following e-mail address:  
[pge.opuc.filings@pgn.com](mailto:pge.opuc.filings@pgn.com).

Sincerely,

*/s/ Jaki Ferchland*

Jaki Ferchland  
Manager, Revenue Requirement

JF/np  
Enclosure

cc: Tyler C. Pepple, AWEC  
Bob Jenks, CUB

**UE-319****PGE's 2022 Prospective R&D Projects**

Analysis of EV Charging impact to Power Quality and Loss-of life of Service Transformers
Boiler & Steam Turbine Cycle
Bulk System Renewables and DER Integration
Cascadia Lifelines Program
CEATI
Co-located Customer Options Landscape*
Combined Cycle HSRG & Balance of Plant
Construction Safety Research Alliance (CSRA)
Cyber Security
DER Integration
Distribution Systems
Educating Power Engineers for a Future Distribution Grid*
Electric Transportation
EMCB Use Case
EMF-RF Health Assessment and Safety
Energy Storage and Distributed Generation
Energy Storage as a Hosting Capacity Resource Pilot
EPRI Alternative Technologies for Recloser Backup Power*
EPRI DCOI Assessment
EPRI DER-VET User Group Supplemental*
EPRI Pandemic*
EPRI Tree Strike testing
EPRI Univeristy*
Equity Map and Trsource Planning Model
Ergonomically Enhanced Tools for Manhole and Vault Cover Removal*
Expeto PGE Cell Network
Fleet Electrification Planning and Assessment
Gas Turbine Advanced Components and Technologies
Gas Turbine Life Cycle Management
HD Charging Infrastructure O&M Strategy and Training
ICT and Security Architecture DER
Incubatenergy Innovation Challenge*
Kenworth Truck Wireless Charging
Large-signal PV Inverter Enhanced Grid Model for Rural Area Voltage Stability Analysis and Control
LCRI
Maxion Mobile Battery Pilot