



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

November 15, 2022

Via Electronic Filing

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

**Re: UE 319 – In the Matter of Portland General Electric Company, Request for a
General Rate Revision
PGE’s 2023 Prospective Research & Development Projects**

Filing Center:

Enclosed pursuant to OPUC Commission Order No. 17-511 (Docket No. UE 319), is Portland General Electric Company’s list of prospective Research and Development Projects for 2023.

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.

Sincerely,

/s/ Jaki Ferchland

Jaki Ferchland
Manager, Revenue Requirement

JF/dm
Enclosure

UE-319
PGE's 2023 Prospective R&D Projects
Power Quality
EMF-RF Health Assessment and Safety
Occupational Safety & Health
Boiler & Steam Turbine Cycle
Combined Cycle HSRG & Balance of Plant
Energy Storage and Distributed Generation
ICT and Security Architecture DER
DER Integration
Distribution Systems
Cyber Security
Wind Generation
PDU: Distribution & Utilization - Planning
Electric Transportation
Gas Turbine Life Cycle Management
Gas Turbine Advanced Components and Technologies
Strategic Sustainability Science
Transmission Asset Management Analytics
Substations
Transmission and Distribution Environmental Issues
Transmission Planning
Bulk System Renewables and DER Integration
CEATI
Expeto PGE Cell Network
Maxion Mobile Battery Pilot
LCRI
EPRI DCOI Assessment
EPRI Fleet Electrification Planning and Assessment
EPRI Ethanol Product Eval (Low Carbon Genset Analysis: Product Evaluation)
EPRI READi-Global Innovation Effectiveness
EPRI UNIFI grid-forming inverter consortium
Cascadia Lifelines Program
Solar PV Monitoring Data
Power Engineering Energy Innovation Center Data Access
Large-signal PV Inverter Enhanced Grid Model for Rural Area Voltage Stability Analysis and Control
Pulsed Power DC Microgrid for Remote Area Highway Fast Charging Stations
Smart Water Heater Conformance Testing
Service oriented Residential Load Participation
Overhead Transmission
EPRI Program 228 Monitoring and Advanced Data Analytics
EPRI Program 227 Process Control Automation
Ping Monitor Trial
Customer sited microgrid communications and specifications
Wind Reliability Database
Energy Sustainability Interest Group*
PQ Knowledge Development and Transfer *
Educating a Digital Power Workforce to be GREAT with Data -Tier 1 *
Incubatenergy Innovation Challenge*
EPRI Univeristy*(U4T)
EPRI DER-VET User Group Supplemental*
Co-located Customer Options Landscape*
DER Systems of Records to Support Enterprise-Wide application*

* Indicate programs paid by using Self Directed Funding (SDF)