

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

Docket No. UM 1811

In the Matter of

PORTLAND GENERAL ELECTRIC
COMPANY,

Application for Transportation
Electrification Programs

PETITION TO INTERVENE

eMeter, a Siemens Company, ("Siemens") petitions to intervene in this proceeding. In support of this petition, the following is provided:

1. The contact information (name, address, email address) of the petitioner is:

Name: Chris King
Company: Siemens
Street Address: 4000 E. Third Ave., Suite 400
City, State, Zip: Foster City, CA 94404
Email Address: chris_king@siemens.com
Telephone: (510) 435-5189

Please include this contact on the service list.

2a. The petitioner will will not be represented by counsel in this proceeding. The contact information for petitioner's counsel to be included on the service list is:

Name:
Company:
Street Address:
City, State, Zip:
Email Address:
Telephone:

2b. Additional contacts to be included on the service list (a petitioner is limited to three contacts on the service list):

Name: Bonnie Datta
Company: Siemens
Street Address: 4000 E. Third Ave., Suite 400
City, State, Zip: Foster City, CA 94404

Email Address: bonnie.datta@siemens.com
Telephone: (650) 436-3871

Name:
Company:
Street Address:
City, State, Zip:
Email Address:
Telephone:

3. If the petitioner is an organization, the number of members in and the purposes of the organization:

Siemens is a global technology corporation with over 50,000 employees in the U.S. Siemens sells a wide variety of products and services to a numerous customers in the State of Oregon, spanning a range of participants in the transportation electrification ecosystem. In general, we sell to utilities, federal and state governments, cities, site owners (both residential and commercial, including for workplace charging), transit authorities, non-utility charging network providers, and others.

List of Members attached

4. The nature and extent of the Petitioner's interest in the proceeding is:

Siemens's products and services include many related to transportation electrification. These include :

- hardware and software for charging light, medium, and heavy duty vehicles;
 - software and services, including smart phone apps, for managing charging and engaging electric vehicle and electricity customers;
 - make-ready equipment ranging from transformers to service drops;
 - utility software to plan, operate, and manage the grid, including integrating EV charging into system operations;
 - software to run transmission grids and wholesale electricity markets;
 - battery storage and microgrid systems for DC fast charging installations;
- and
- building management and operations software that can integrate EV charging operations.

Siemens operates in over 180 countries and spends over \$5 billion annually on research and development, including substantial amounts on TE-specific technologies.

On March 15, 2017, Portland General Electric ("PGE") filed a proposal for a transportation electrification program, as was required by Section 20(3) of Senate Bill 1547, codified at Oregon Laws 2016, chapter 028, sections 20 and 29, and the Commission's newly promulgated administrative rules. OAR 860-087-0030(2). PGE's proposal is intended to accelerate the use of electrification as a transportation fuel in the State of Oregon through multiple pilot programs and marketing efforts. Accordingly, the outcome of this proceeding may impact the future business of Siemens in PGE's service area. Siemens therefore requests leave to intervene in this proceeding to represent its interests.

5. The issues the Petitioner intends to raise at the proceeding are:

Siemens's intervention in this proceeding will assist the Commission in resolving the issues in this proceeding and will not unreasonably broaden the issues, burden the record, or unreasonably delay this proceeding. Siemens intends to file testimony in support of the Stipulation filed June 27, 2017 by the Stipulating Parties in this proceeding. Siemens intends to provide testimony showing how the Stipulation will result in programs that will reduce barriers to electric vehicle adoption - including the most important barrier, cost - by leveraging utility assets and capabilities to reduce the overall cost of electric vehicle ownership to consumers.

6. The special knowledge or expertise of the Petitioner that would assist the Commission in resolving the issues in the proceeding is:

Siemens has deep technical expertise in the development, manufacturing, implementation, and operation of various hardware and software products and market services related to transportation electrification. Siemens is a leading manufacturer and seller of electric vehicle supply equipment (EVSEs). Siemens also has extensive experience in a large variety of competitive markets for energy-related products and services in both the U.S. and globally, directly relevant to the contested issues in this proceeding

7. Based on the information provided above in accordance with the Commission's rules of procedure, I request to participate in this proceeding as an intervenor. I or the organization that I represent will not unreasonably broaden the issues, burden the record, or unreasonably delay the proceeding. OAR 860-001-0300.

/s/ Chris S. King
Petitioner or Petitioner's Representative

August 30, 2017
Date Signed