

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

LC 66

In the Matter of

PORTLAND GENERAL ELECTRIC
COMPANY,

2016 Integrated Resource Plan.

NATIONAL GRID'S PETITION TO
INTERVENE

National Grid petitions to intervene in this proceeding, and in support of this Petition, states as follows:

1. The contact information (name, address, e-mail address) for National Grid is:

National Grid plc
Attn: Nathan Sandvig
205 SE Spokane Street, Suite 300
Portland, OR 97202
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2. The names and addresses of the persons to be included on the official service list in this docket are:

Nathan Sandvig
Director, Business Development
National Grid plc
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3. National Grid is a Fortune 500 company and one of the largest investor-owned energy companies in the world, with a market capitalization of over \$50 billion. National Grid has utility operations in both the United Kingdom and the United States. National Grid is actively

engaged in the development of bulk transmission and bulk storage assets to enable the transition of the United States' electric system to a low-carbon grid.

4. As a company, National Grid is technology agnostic, and is considering various energy storage opportunities throughout the Western United States, including within the state of Oregon and in the service territory of Portland General Electric. Among other technologies, National Grid is interested in pumped storage hydroelectric projects and the ability of these projects to support other renewable energy technologies as an integration tool at the necessary scale to stabilize the variable output from renewable energy resources. Additionally, National Grid has an interest in resource planning and ensuring that Portland General Electric's integrated resource planning process appropriately analyzes and considers opportunities for investment in generation, transmission, and energy storage.

5. National Grid intends to participate as a party in this proceeding to raise any pertinent issues.

6. National Grid has special knowledge and expertise that would assist the Commission in resolving the issues in this proceeding. National Grid has vast experience and expertise in balancing the electricity system and ensuring electric markets run efficiently, and this experience and expertise would provide a unique and important voice to this discussion.

7. Based on the information provided above, and in accordance with the Commission's rules of procedure, National Grid hereby requests to participate in this proceeding as an intervenor. National Grid will not unreasonably broaden the issues, burden the record, or unreasonably delay the proceeding. *See* OAR 860-001-0300.

8. National Grid therefore respectfully requests that the Commission grant its Petition to Intervene.

Dated this 7th day of February, 2017.

Respectfully submitted,



Nathan Sandvig
Director, Business Development
National Grid plc