

**BEFORE THE  
PUBLIC SERVICE COMMISSION OF UTAH**

In the Matter of the Investigation of the Costs and Benefits  
of PacifiCorp's Net Metering Program

**Docket No. 14-035-114**

EXHIBIT ACCOMPANYING DIRECT TESTIMONY OF  
ELIAH GILFENBAUM ON BEHALF OF  
ENERGY FREEDOM COALITION OF AMERICA

Exhibit EG-1

**Curriculum Vitae of Eliah Gilfenbaum**

**ELIAH GILFENBAUM**  
**Manager of Energy Policy, Tesla**

Mr. Gilfenbaum is currently a Manager of Energy Policy at Tesla and SolarCity, where he has been employed for the past 3 years. For over 10 years, Mr. Gilfenbaum has been involved in various areas of the energy sector, ranging from carbon markets, renewable energy procurement, utility resource planning, and rate design. Prior to joining SolarCity, Mr. Gilfenbaum served as an expert analyst in at Pacific Gas & Electric's (PG&E) resource planning department from 2010-2014, where he conducted various types of modeling that was incorporated into resource valuation protocols. Examples include Loss of Load Probability (LOLP) studies to assess the Effective Load Carrying Capability (ELCC) and capacity value of renewable resources, and production cost modeling to assess resource integration costs. From 2006-2009 Mr. Gilfenbaum was Program Manager for Carbon Neutrality at Google, where he managed a multi-million dollar portfolio of voluntary carbon offset credits, quantified and tracked the company's total carbon footprint. Mr. Gilfenbaum also previously interned with World Resources Institute and Environmental Defense Fund.

**EXPERIENCE**

Tesla – Manager – Energy Policy	2017
SolarCity- Director – Policy and Electricity Markets	2016
SolarCity- Deputy Director- Policy and Electricity Markets	2014-2016
Pacific Gas and Electric Company- Expert Analyst- Energy Procurement and Integrated Resource Planning	2011-2014
Pacific Gas and Electric Company- Senior Regulatory Analyst CAISO Relations	2010-2011
Google- Program Manager for Carbon Neutrality	2007-2009
Google- Technical Solutions Specialist- Google Analytics	2006-2007

**ELIAH GILFENBAUM****Manager of Energy Policy, Tesla****Page 2**

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**EDUCATION**

Mr. Gilfenbaum graduated with a B.S. from Stanford University in Earth Systems, with an emphasis on Economics and Policy in 2004 and earned a Graduate Certificate in Management Science and Engineering from Stanford in 2013.

**ACADEMIC HONORS**

Freeman Asia Award  
Gilman International Scholar

**AREAS OF EXPERTISE**

Generation Capacity Valuation  
Effective Load Carrying Capacity Analysis  
Loss of Load Probability Modeling  
Production Simulation and Price Forecasting  
Cost of Service Analysis  
Rate Design

**EXPERT WITNESS TESTIMONY AND PUBLIC COMMENT**1. Testimony Before the Public Utilities Commission of Oregon:

Investigation to Determine the Resource Value of Solar – Docket UM-1716

- a) Response Testimony on Behalf of **The Alliance for Solar Choice (TASC) – 6/30/2016**
- b) Cross-Answer Testimony on Behalf of **The Alliance for Solar Choice (TASC) – 7/21/2016**
- c) Testimony on Behalf of **The Alliance for Solar Choice (TASC) – 5/5/2017**

2. Testimony Before the Public Utilities Commission of Nevada:

Application of NV Energy for its 2017-2036 integrated resource plan - Docket No. 16-07001

- a) Phase 2 Direct Testimony on Behalf of **Solarcity – 9/30/2016**
- b) Phase 3 Direct Testimony on Behalf of **Solarcity – 11/10/2016**

Direct Testimony of Eliah Gilfenbaum on Behalf of EFCA  
Docket No. 14-035-114

3. Public Comments Before the California Independent System Operator (CAISO)

Comments of Pacific Gas and Electric Company on the Following Stakeholder Initiatives:

- Resource Adequacy Deliverability for Distributed Generation Draft Tariff Language – 7/9/2012
- Initiative on Transmission Planning and Generator Interconnection Process Coordination
  - Draft Final Proposal – 3/1/2012
  - Draft Tariff Language – 4/2/2012
- Deliverability Requirements for Clusters 1-4 – 1/24/2012
- Regulatory Must-Take Modifications
  - Straw Proposal – 1/11/2011
- Clusters 1 & 2 Deliverability – 11/9/2011