

- BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH -

Application of Rocky Mountain Power to Establish Export Credits for Customer Generated Electricity	<u>DOCKET NO. 17-035-61</u> <u>NOTICE</u>
--	--

ISSUED: March 20, 2019

On January 25, 2019, the Public Service Commission of Utah (PSC) issued an Order¹ (Order), in part granting a request by Utah Clean Energy, Vote Solar, Vivint Solar, the Utah Solar Energy Association, and Auric Solar for the PSC to receive technical assistance from Lawrence Berkeley National Laboratories (LBNL) in this matter. The PSC provides notice that it submitted the Electric Policy Technical Assistance Request Form (TA Request Form) to the LBNL, consistent with parties' recommendations.² The TA Request Form is included as an attachment to this Notice. The PSC defers to the primary contacts and stakeholders listed on the TA Request Form to finalize the scope and content of the desired outcomes in the way they believe best guides LBNL's key tasks and deliverables. As noted in the Order, we request that the Division of Public Utilities assist with the logistics of setting up the informal meetings.

¹ See *Order Denying Joint Motion to Amend Scheduling Order and Granting Request for Technical Assistance*, (issued January 25, 2019); Docket No. 17-035-61.

² The PSC modified the TA Request Form to: 1) include the Utah Division of Public Utilities' primary contact; 2) change the Requested TA Delivery Date from Sunday, June 30, 2019 to Monday, July 1, 2019; and 3) add PSC contact information.

DOCKET NO. 17-035-61

- 2 -

DATED at Salt Lake City, Utah, March 20, 2019.

/s/ Thad LeVar, Chair

/s/ David R. Clark, Commissioner

/s/ Jordan A. White, Commissioner

Attest:

/s/ Gary L. Widerburg
PSC Secretary
DW#307215

DOCKET NO. 17-035-61

- 3 -

ATTACHMENT

Department of Energy | Office of Electricity
ELECTRICITY POLICY TECHNICAL ASSISTANCE PROGRAM

TA Request Form

The Office of Electricity (OE) provides independent and unbiased technical support to states, regions, and Tribes on their electricity-related policies through its Electricity Policy Technical Assistance Program. Types of assistance offered and activities supported include: analysis assistance; stakeholder-convened discussions; education and training through workshops and webinars; consultations with technical experts. Technical assistance is provided through national laboratories, regional and national associations of state decision-makers, and federal government staff. OE provides technical assistance in response to requests from eligible entities. For more information, please visit the program website: <http://energy.gov/oe/services/electricity-policy-coordination-and-implementation/electricity-policy-technical>.

Lawrence Berkeley National Laboratory (LBNL), on behalf of OE, provides objective technical assistance, upon request, to state regulatory commissions, state energy offices, tribes and regional entities. Topics of interest include, but are not limited to: transmission and electric system resource planning; reliability and resiliency; demand response and smart grid; regulated utility business models; integrating variable generation; rate-payer funded energy efficiency; electric sector interdependencies (e.g., gas-electric, water, transportation); environmental regulations; and resource diversity.

To help OE and LBNL better understand your inquiry, please provide us with the information identified on the following page. The OE and LBNL contacts provided below are available to answer questions. OE and LBNL will review the information submitted and respond to your request.

Please direct questions and send requests to the appropriate LBNL subject matter expert listed below:

Energy Efficiency

Lisa Schwartz
LCSchwartz@lbl.gov
510-486-6315

Smart Grid and Demand Response

Peter Cappers
PACappers@lbl.gov
315-637-0513

Fossil Generation

Pete Larsen
PHLarsen@lbl.gov
510-486-5015

Utility Business Models

Andrew Satchwell
ASatchwell@lbl.gov
(510) 486-6544

Regional Planning/Transmission

Peter Larsen
PHLarsen@lbl.gov
510-486-5015

Grid Modernization and Other Electricity System Decision-Making Issues

Lisa Schwartz
LCSchwartz@lbl.gov
510-486-6315

Renewables

Ryan Wiser
RHWiser@lbl.gov
510-486-5474

Department of Energy | Office of Electricity
ELECTRICITY POLICY TECHNICAL ASSISTANCE PROGRAM
TA Request Form

Please include all of the below information in your TA Request and forward it to the appropriate LBNL staff member listed on the previous page.

DATE OF REQUEST: March 19, 2019

ORGANIZATIONS REQUESTING ASSISTANCE (Name, location, address):

Public Service Commission of Utah
160 East 300 South, 4th Floor
Salt Lake City, Utah 84111

POINTS OF CONTACT

1. Primary senior official point of contact for requesting agency (e.g., lead utility commissioner for project) - (*Name, title, phone number and email address*)

Carol Revelt
Executive Staff Director, Public Service Commission of Utah
(801) 530-6711 - crevelt@utah.gov

2. Primary staff points of contact for requesting agency - (*Names, titles, phone numbers and e-mail addresses*)

Jamie Dalton
Technical Consultant, Public Service Commission of Utah
(801) 530-6707 - jdalton@utah.gov

3. Primary contacts for other involved state agencies or stakeholders (one contact for each) - (*Names, titles, phone numbers and e-mail addresses*)

- Cheryl Murray
Utility Analyst with the Utah Office of Consumer Services
(801) 530-6957 - cmurray@utah.gov
- Bob Davis
Technical Consultant with the Utah Division of Public Utilities
(801) 530-6879 - rdavis@utah.gov
- Kate Bowman
Renewable Energy Program Manager with Utah Clean Energy
(801) 343-4046 - kate@utahcleanenergy.org
- Briana Kobor
Program Director with Vote Solar
(801) 899-0100 - briana@votesolar.com
- Stephen Mecham
Attorney for Vivant Solar
(385) 222-1618 - sfmecham@gmail.com

Department of Energy | Office of Electricity
ELECTRICITY POLICY TECHNICAL ASSISTANCE PROGRAM

TA Request Form

- Ryan Evans
President of Utah Solar Energy Association
(801) 509-1201- revans@utahsolar.org

- Tyler Poulson
Sustainability Program Manager for Salt Lake City Corporation
(801) 535-7259 - tyler.poulson@slc.gov

- Elias Bishop
Director of Government Affairs & Public Policy with Auric Solar
(801) 598-5108 - elias.bishop@auricsolar.com

- Sophie Hayes
Senior Staff Attorney with Western Resource Advocates
(801) 212-9419 - sophie.hayes@westernresources.org

- Jana Saba
Regulatory Affairs Manager with Rocky Mountain Power
(801) 220-2823 - jana.saba@pacifiCorp.com

JUSTIFICATION (provide 2-3 paragraphs that describe the following):

1. What is the issue/question/task you are working on?
2. What is your role in addressing that issue/question/task? Who else are you working with (their roles)?
3. What challenges have you identified in your efforts that you think OE can help address?
4. How will the technical assistance provided inform your issue/question/task?

The Utah Public Service Commission (“Commission”) is currently presiding over a docket that will determine a compensation rate for exported power from customer distributed generation systems in Utah (the “Export Credit”). Each party participating in this proceeding will have the opportunity to present evidence of reasonably quantifiable costs and benefits associated with customer distributed generation, as well as other factors that each party believes are relevant when formulating the Export Credit. Ultimately, the Commission will be responsible for reviewing the evidence presented by parties and determining the Export Credit.

A fair Export Credit that is representative of the value of exported energy must account for all costs and benefits associated with modern solar technology, including batteries and smart inverters, and its impacts on the grid. The stakeholders in this proceeding will benefit from a common understanding of the current methods for quantifying and valuing the costs and benefits of distributed solar, which are rapidly evolving as solar equipment and software is increasingly configured to meet new standards regarding the interconnection of solar or new goals for end-use customers. Technical assistance from LBNL will provide the parties participating in this docket an understanding of the most up-to-date valuation methods and their data requirements. Ultimately, this will increase the quality of the evidence submitted to the Commission for review so that the Commission can identify a just and reasonable Export Credit in Utah.

DESIRED OUTCOMES: What do you hope to learn/accomplish through the requested technical assistance?

Department of Energy | Office of Electricity
ELECTRICITY POLICY TECHNICAL ASSISTANCE PROGRAM

TA Request Form

Our hope is to provide the parties participating in this proceeding both a common understanding of the current methods for quantifying and valuing the costs and benefits of distributed solar, and a better understanding of the associated data requirements. To that end, we believe assistance focused on the following topics will be most helpful:

- Potential costs and benefits associated with integration of distributed solar energy on the distribution and transmission system at varying levels of penetration
- Impact of distributed solar on transmission and distribution line losses
- Potential for distributed solar to impact timing and need for capital investments on the distribution and transmission system
- Studies of distribution-level costs and benefits attributable to distributed solar, including locational costs and benefits
- Impact of other distributed technologies in conjunction with distributed solar
- Capabilities and services provided by advanced inverters
- Short-term vs. long-term evaluations of the costs and benefits of distributed solar
- Analysis of customer deployment of solar or solar and storage under different export credit rates
- Analysis of utility shareholder and ratepayer impacts
- Ancillary services provided by distributed generation, including voltage and frequency regulation
- Types of data that are relevant to determining the value of exported solar energy
- Other relevant topics as recommended by LBNL

BENEFITS/VALUE-ADDED: How will the requested technical assistance affect your organization's ability to achieve its objectives/goals?

The requested technical assistance will help inform each party in this proceeding.

TYPE OF TECHNICAL ASSISTANCE REQUESTED (Choose all that apply):

Consultation

Presentation(s)

Support for workshops, collaboratives (e.g., stakeholder-convened, technical expert participation)

Technical review of legislation, commission policies, guidelines

General information to inform the development of rules, regulations, guidelines

Uncertain about what type of assistance is required

Other (Specify):

Department of Energy | Office of Electricity
ELECTRICITY POLICY TECHNICAL ASSISTANCE PROGRAM

TA Request Form

KEY TASKS AND DELIVERABLES:

To the extent known, or in consultation with the appropriate OE or LBNL contact, please identify any key tasks and/or deliverables and any time sensitivities related to your request in the table below (including for the above checked services/products requested).

Service/Product	Requested TA Delivery Date	Project Deadline, if Applicable
Technical Workshop(s) to address the scope of topics described above	July 1, 2019	

CERTIFICATE OF SERVICE

I CERTIFY that on March 20, 2019, a true and correct copy of the foregoing was served upon the following as indicated below:

By E-Mail:

Data Request Response Center (datarequest@pacificorp.com, utahdockets@pacificorp.com)
PacifiCorp

Jana Saba (jana.saba@pacificorp.com)
Joelle Stward (joelle.steward@pacificorp.com)
Yvonne R. Hogle (yvonne.hogle@pacificorp.com)
Rocky Mountain Power

Jennifer Selendy (jselendy@selendygay.com)
Joshua S. Margolin (jmargolin@selendygay.com)
Stephen Q. Wood (swood@woodbalmforth.com)
Co-counsel for Vote Solar
Rick Gilliam (rick@votesolar.com)
Briana Kobor (briana@votesolar.com)
Vote Solar

Stephen F. Mecham (sfmecham@gmail.com)
Counsel for Vivint Solar, Inc.

Hunter Holman (hunter@utahcleanenergy.com)
Counsel for Utah Clean Energy
Sarah Wright (sarah@utahcleanenergy.com)
Kate Bowman (kate@utahcleanenergy.com)
Utah Clean Energy

Megan J. DePaulis (megan.depaulis@slcgov.com)
Counsel for Salt Lake City Corporation
Tyler Poulson (tyler.poulson@slcgov.com)
Salt Lake City Corporation

Elias Bishop (elias.bishop@auricsolar.com)
Auric Solar, LLC

Nancy Kelly (nkelly@westernresources.org)
Sophie Hayes (sophie.hayes@westernresources.org)
Steven S. Michel (smichel@westernresources.org)
Western Resource Advocates

Amanda Smith (asmith@hollandhart.com)
Engels J. Tejada (ejtejeda@hollandhart.com)
Chelsea J. Davis (cjdavis@hollandhart.com)
Counsel for Utah Solar Energy Association
Ryan Evans (revans@utsolar.org)
Utah Solar Energy Association

Patricia Schmid (pschmid@agutah.gov)
Justin Jetter (jjetter@agutah.gov)
Robert Moore (rmoore@agutah.gov)
Steven Snarr (stevensnarr@agutah.gov)
Utah Assistant Attorneys General

Erika Tedder (etedder@utah.gov)
Division of Public Utilities

By Hand-Delivery:

Office of Consumer Services
160 East 300 South, 2nd Flr.
Salt Lake City, Utah 84114

Administrative Assistant