



17-035-61 Workshop Participant List and Follow Up Items

Saba, Jana <Jana.Saba@pacificcorp.com>

Fri, Jan 12, 2018 at 5:00 PM

To: "Anderson, Penny" <penny.anderson@westernresources.org>, Andrew Christensen <andrew.christense@vivint.com>, "B, Sara" <sarab@irecusa.org>, "Bailey, Jen" <jenbailey@slco.org>, "Baldwin, Vicki M. (UIEC)" <vbaldwin@parsonsbehle.com>, "Baron, S" <sbaron@jkenn.com>, "Beck, Michele (UT OCS)" <mbeck@utah.gov>, "Bishop, E" <ebishop@utsolar.org>, "Bishop, Elias" <elias.bishop@auricsolar.com>, Bob Davis <radavis@utah.gov>, "Boehm, K" <kboehm@bkllawfirm.com>, Briana Kobor <briana@votesolar.org>, "Briggerman, AC" <acbriggerman@hollandhart.com>, "Brinker, C" <cbrinker@swenergy.org>, "Burnett, B" <bburnett@kmclaw.com>, "Burnett, Brian" <brianburnett@cnmlaw.com>, "Cartin, Luke" <luke.cartin@parkcity.org>, Chad <chad@synergypowerpv.com>, "Charles Peterson (Chpeter@utah.gov)" <Chpeter@utah.gov>, "Chriss, Stephen" <stephen.chriss@wal-mart.com>, "Cohn, JKyler" <jkylercohn@bkllawfirm.com>, Dale <dale@imwindandsolar.com>, "Daley, T" <tdaley@parkcity.org>, Data Request Response Center <datareq@pacificcorp.com>, "Dodge, Gary (UIEC)" <gdodge@hjdllaw.com>, Doug <doug@imwindandsolar.com>, "Evans, William J. (UIEC)" <bevans@parsonsbehle.com>, "Evans, R" <revans@utsolar.org>, "F, Nathan" <nathanf@fisherhunterlaw.com>, "Foxley, T" <foxleyt@ballardspahr.com>, "Gardner, Jennifer" <jennifer.gardner@westernresources.org>, "Golson, Matt" <Matthew.Golson@pacificcorp.com>, "Hansen, D" <dhansen@slco.org>, "Higgins, Kevin (Noble Americas)" <khiggins@energystrat.com>, "Hogle, Yvonne" <Yvonne.Hogle@pacificcorp.com>, "Jernigan, Thomas" <thomas.jernigan@us.af.mil>, "Jetter, J" <jjetter@agutah.gov>, JRC <jrc@pkhlawyers.com>, Kate <kate@utahcleanenergy.org>, "Kelly, N" <nkelly@westernresources.org>, "Kobelashvili, Tamuna" <Tamuna.Kobelashvili@pacificcorp.com>, Kyle Wallace <kyle.wallace@vivintsolar.com>, "Lacey, E" <elacey@bbrslaw.com>, Madeline Yozwiak <maddy@votesolar.org>, Mark <mark@imwindandsolar.com>, "Marx, Douglas" <Douglas.Marx@pacificcorp.com>, "Mecham, SF" <sfmecham@gmail.com>, "Meredith, Robert" <Robert.Meredith@pacificcorp.com>, Michael <michael@healutah.org>, "Moore, R" <rmoore@agutah.gov>, "Moscon, DM" <dmmoscon@stoel.com>, "Murry, Cheryl (UT OCS)" <cmurray@utah.gov>, Myunghee Tuttle <mstuttle@utah.gov>, "Nelson, Derek" <derek.nelson@sierraclub.org>, "Oldroyd, J" <oldroydj@ballardspahr.com>, "Parker, Chris" <chrisparker@utah.gov>, PJM <pjm@bbrslaw.com>, "Poulson, Tyler" <tyler.poulson@slcgov.com>, "Powell, Dr. Artie (UT DPU)" <wpowell@utah.gov>, "Rhoades, M" <rroadesm@gtlaw.com>, "Richards, Mark" <markrichards@imwindandsolar.com>, Rick <rick@votesolar.org>, "Ritchie, Travis" <travis.ritchie@sierraclub.org>, "Roberts, Casey" <casey.roberts@sierraclub.org>, "Roberts, ME" <meroberts@tesla.com>, "Saba, Jana" <Jana.Saba@pacificcorp.com>, "Sabbah, June" <June.Sabbah@pacificcorp.com>, "Sandack, A" <asandack@msn.com>, Sarah <sarah@utahcleanenergy.org>, "Schmid, P" <pschmid@agutah.gov>, "Smith, A" <asmith@hollandhart.com>, "Snarr, Steven" <stevensnarr@agutah.gov>, "Solander, Daniel" <Daniel.Solander@pacificcorp.com>, Solar Lawyer <solarlawyeraz@gmail.com>, Solar Try Mike <Solar@trymike.com>, Sophie <sophie@utahcleanenergy.org>, "Steward, Joelle" <Joelle.Steward@pacificcorp.com>, "Stholmes3@xmission.com" <stholmes3@xmission.com>, "Swenson, Roger" <roger.swenson@prodigy.net>, "Tedder, Erica" <etedder@utah.gov>, "Thomas, D" <dthomas@summitcounty.org>, "Townsend, N" <ntownsend@energystrat.com>, "Vannostrand, J" <jvannostrand@kfwlaw.com>, "Vastag, Bela" <bvastag@utah.gov>, "Vause, Doug" <dougvausa@imwindandsolar.com>, "White, Karen" <karen.white.13@us.af.mil>, "Wooley, D" <dwooley@kfwlaw.com>, "Worley, Christopher" <christopher.worley@vivintsolar.com>
Cc: "jsharvey@utah.gov" <jsharvey@utah.gov>, "ericmartinson@utah.gov" <ericmartinson@utah.gov>, "jholland@utah.gov" <jholland@utah.gov>, "mreif@utah.gov" <mreif@utah.gov>

Hello,

As a follow up to our load research workshop on January 9, 2018, please see attached participant list. Also attached is the list of follow up items from the workshop (questions/comments) that will be answered/considered by the company. We are targeting January 22 to have responses back on these follow up questions. As a reminder, the remainder of the informal schedule is:

January 24, 2018 – parties provide informal comments/feedback to the company (please send directly to me)

February 7, 2018 – 1:00-2:30 PM (Mountain Time) – additional informal meeting

Thanks,

Jana Saba

Regulatory Affairs Manager

Rocky Mountain Power

801-220-2823

jana.saba@PacifiCorp.com

2 attachments

 **Sign-in List 1-9-18 load research workshop.pdf**
137K

 **January 9 Workshop Data Request.docx**
27K

Export Credits for Customer Generated Electricity - Docket No. 17-035-61

Load Research Study Methodology Workshop

January 9, 2018 @ 1:00 PM, Rocky Mountain Power North Temple Office Rm 130k

phone
phone
phone
phone

Name	Organization	Email address
Artie Powell	DPU	
Mark Richards	Int'l wind & solar	
Tyler Polson	SLC	
Andrew Walton	?	
JOHN HARVEY	PSC	JSHARVEY@UTAH.GOV
ERIC MARTINSON	PSC	ericmartinson@utah.gov
Joselyn Holland	PSC	joholland@utah.gov
Matt Colson	RMP	
DOUGLAS MARX	RMP	
YVONNE HOGLE	RMP	
Jane Sabbah	RMP	
Justin Jetter	AG/DPU	jjetter@ag.utah.gov
Melanie Reif	PSC	mreif@utah.gov
CHRIS PARKER	DPU	chrisparker@utah.gov
Bob Davis	DPU	RDavis@utah.gov
Charles Peterson	DPU	chpeterson@utah.gov
Myunghee Tuttle	DPU	mtuttle@utah.gov
Sophie Hayes	UCE	sohite@utahcleanenergy.org
Michael Shea	HEAL	michael@heal.utah.org
Pam Swan	USEA	pswan@utahcleanenergy.org
Kate Bowman	UCE	Kate@utahcleanenergy.org
Sarah Wright	UCE	sarah@utahcleanenergy.org
Stacy Holmes	UCARE	STHOLMES3@emission.com
Rick Gilliam	Vote Solar	rick@votesolar.org
Briana Kobor	Vote Solar	briana@votesolar.org
Madeline Yozwiak	Vote Solar	maddy@votesolar.org
Cheryl Murray	DPU/Office of Consumer Services	cmurray@utah.gov
Kyle Wallace	Virint Solar	Kyle.Wallace@virintsolar.com
Andrew Christensen	Virint Solar	andrew.christensen1@virintsolar.com

January 9, 2018 Workshop Data Request

1. In the stratification process, has the Company considered using actual generation data instead of nameplate capacity?
2. How can the results from these samples be used to understand the relationship between consumption and production?
3. Can the Company consider other system characteristics when developing the generation sample?
 - a. Positioning of panels
 - b. Age of the system
4. Can the Company consider a higher precision than +/- 10% at the 90% confidence level?
5. Can the Company separate the production profile sample into residential and commercial?
6. Please provide the calculation/formula for how the Company determined the strata ranges for the proposed generation sample design.
7. Can the Company use a six strata sample design? Also, can the Company evaluate forcing the breakpoint between the fourth/fifth strata to be 25 kW?
8. Address comments regarding the randomness of using the already installed 36 generation profile meters.
9. Can the Company use customer supplied generation data instead of relying on revenue grade meters?
 - a. What issues could the Company have with this approach?
10. Can the Company provide the backup calculations used to develop the generation profile sample?
11. What would be the required sample size to achieve the same level of precision if the Company did not stratify?
12. Please provide additional detail on systematic random sampling and why it is used in the Company's sampling process.
13. Please provide the cost breakdown of the cost of installing generation profile meters (for the average \$2500).
14. Why are there seven generation profile meters for Washington County in the proposed sample when only one is needed to be geographically representative?

15. Is battery storage saturation data available through the Company's residential survey?
16. Should the Company consider obtaining additional data on private generation customers by:
 - a. Adding a survey we send to them
 - b. Adding fields to the application for Schedule 136
17. What level of precision is achieved with the proposed generation sample size of 62?
18. Has any other utility used nameplate capacity to develop a generation sample?

Response to January 9, 2018 Workshop Data Request