

Future/Existing Programs and Grid Stakeholder Meeting – June 15, 2018

Xcel Energy	Neil Cowan, Ryan Matley, Eric Van Orden, Kevin Cray, Stephanie Voss, Kerry Klemm*, Kristin Gaspar, Jaclyn Webb, Jack Ihle, Louise Wood, Jeremy Lovelady, Chad Nickell
ASES	Carly Rixham
OCC	Chris Neil
City of Boulder	Matt Lehrmanm, Kevin Criley
City of Denver	Tom Herrod
CEO	Lyndsey Stegall, Jocelyn Durkay,
Clean Energy Collective	Justin Wilson
COSEIA	Rebecca Cantwell, John Bringenberg
Denver Housing Authority	Chris Jedd
Earth Justice	Michael Hiatt*
Set Ventures Group	Walter Sharp
Grid Alternatives	Tom Figel, Vicky Mandell, Adrienne Dorsey
Independent Advocate	Karey Christ-Janer
WRA	Erin Overturf*, Gwen Farnsworth*
CO Army National Guard	Brett Jackson
Microgrid Energy	Daniel Merkle, Jon Sullivan
Namaste Solar	Rick Coen, Taylor Ryan
Navigant	Stuart Schare(phone)
NIST	Don Archibold
EPA	Tim Rehder
SEIA	Sara Birmingham
SMA	Chad Spring
Solar Edge	T.J. Slocum
STAFF	Fiona Sigalla*
Telsa	Thad Kurowski
U.S. EPA	Tim Rehder
EOC	Jennifer Gremmert, Andrew Bennett
Vote Solar	Rick Gilliam

>>Note: Hearing everyone on the phone was difficult so if you are not represented, please let us know and we can add folks to this list.

***On Phone**

I. Welcome & Introductions

Neil started meeting with introductions and went over action items from June 15, 2018 meeting.

Previous Action items:

- Renewable Landing Page
 - Subgroup meeting March 23
 - Took suggestions from COSEIA – incorporated a lot of those suggestions
- S*RC Low-Income RFP
 - March 23
- Rate Design for Commercial Customers
 - Combined – SPVTOU
 - Rate Pilot stakeholder group
- What is cost-based resource?(OCC)
- Avoided Costs – What would be the outcome without the CEP? (Vote Solar)

II. Renewable*Connect and Decision Tool – Jaclyn Webb

A. Renewable*Connect enrollment Update

- 1,000 enrolled customers (Unique premises)
- 2.9MW subscribed (5.8% of program capacity)
- Roughly 55% at 10 year contract term
- Active marketing and advertising through July 18
- Phase II occurs July 30-31

B. Renewable Decision Tool Update

- Updated tool is live
- Please let us know if you have additional comments

Discussion

Fiona – Is Phase I only for Residential?

Karey C. – Can landlords and tenants, can you enroll your property?

Xcel – Account holder

Chris N. – Impossible to get off Windsource – and it kicked me off Renewable*Connect.

Gwen – Follow up to see if Chris' issue is happening to others.

- Online calculator underestimated subscription size. It does round down to nearest 0.5
- Maximum is 100% of previous 12 months of usage.
- How would a customer estimate filling in remainder of capacity with Windsource

- o Will residential customers have a chance to enroll after July 18? No, that's the end. In part because there is a need to tally capacity for July 30-31 business launch. If it's not fully subscribed by July 31, it will be opened again.
- o What's the capacity factor? 30.4%

Fiona – enrollments so far... what is ratio of people choosing 5 yr or 10 yr

Jaelyn - 55% - 10 year contract

Gwen – July 18th subscription closing for C class and R class? Yes

Waitlist? Yes

Karey – True Up tool? If you have saved?

ACTION ITEM: Would like name/face of someone who could help them transition from Windsource to Renewable*Connect (Brett Jackson).

III. 2016 Settlement Agreement Program Capacity – Eric Van Orden

A. Solar*Rewards Dashboards on XcelEnergy.com

Discussion

Eric V. – Are people looking at these (Dashboards)?

Justin W. – Do you publish the installed applications?

Xcel – RESA Report

ACTION ITEM: Justin – Maybe add the installed numbers?

- **Medium program**
 - o July 9th Program opening
 - o 6.175 MW available
 - o Up to 500kW Max
- **Large RFP**
 - o 14.638GW available for 2019
- **On-site Storage Update**
 - o Any feedback for permitting issues? (Tom)
 - Kevin C – consistency between counties
- **Solar*Rewards Community: Garden Status**
 - o Significant capacity is available
 - o **Project Updates**
 - o **Proposed RFP Scoring Changes**
 - Option 1: Ratio Scoring allows for additional commitments

Discussion

Will Xcel be providing a formula for a standard bill credit?

Grid Alternative – How bill savings will be calculated would be great feedback.

Chris DHA – Hard to calculate because there are many variables that can go into it.

Justin Wilson – Not changing the bill credit rate? No.

- Option 2: Point Based scoring/weighting outline in RFP
 - For both options: Update RFP with transparent scoring for bidders
 - Neither options: Require subscriber mix as we do not have sufficient data to show if any subscriber type is being underserved by the program.

Discussion

Kevin – Created it with a tie-breaker kind of thought

Adrian (GRID) – In support of an audit. Lots of issues to think about.

Jennifer G. – Do developers really come through on those promises? Hard to really monitor and enforce.

Justin W. – What was the discussion in the last RFP?

Eric Van O. - Discussion about making sure end user gets the benefit.

Eric Van O. – We are looking for suggestions from you...

Adrian – Maybe a hybrid of both options?

Chris DHA – Wouldn't be able to get finance guys to agree to 20 years – I like the options (gives us a little to go off of)

Karey C. – grid constraints? Load growth?

Neil C. – Don't think we are at that level – we are just trying to make sure we have a good spread of participants for low-income.

Kevin C. – Up to developer to site the project, and even then they can move it.

Jennifer G. – I feel like we need to make a decision, it keeps pushing RFP.

Kevin C. – verifications, financing (challenges)

Jennifer G. – Bill credit reduction needs to be highlighted

ACTION ITEM: Justin – COSEIA to come back with HOW they want to do RFP Scoring (Next Friday 22nd)

Adrian (GRID) - Likes Ratio option.

IV. Product Development Update

A. Windsource – Ryan Matley

- Early Coal Plant Retirement Survey Questions
 - Handout
 - Based on previously shared survey questions
 - Included in Renewable*Connect post enrollment survey
 - Currently in field

Discussion

Tom – Community thinks renewable energy is cheaper, why would customers pay for Windsorce?
Maybe put in there about how much we pay for a power plant and how much it would cost customers –

Ryan – We tried to provide that info.

Erin O – We are not talking about customers paying more, just that we are accelerating the process.

Karey – Still have to pay for ECA – customer education

Karey – Didn't Boulder have a report that showed what people would pay if it was all equal?

Boulder – Before my time.

Tom Herod – Customers want discount.

B. Eric Maurer – Pilot

- Recap
 - Battery pilot – Utility owned
 - How does it change things if customer-owned
 - DR Functions
 - We call on DR very rarely – only in emergencies(really hot day – a/c peak load reduction)
 - Cabin Creek – over 200 dispatch calls(renewable integration)
 - How we dispatch our batteries

Thad – Is interested in this battery pilot.

Allows them to participate via app / changes settlement

ACTION: Eric Maurer to follow-up

Discussion

Thad – DR calls are usually short as possible. I understand matching TOU rates with customers for 4 hour durations – it would drain their battery. It would drain their reserve –

Eric M – With the pilot, we would be asking customers to give ½ their capacity.

- Customer Incentives
 - Decent upfront incentive and continue smaller incentive months after.
 - \$500 upfront
 - \$10/per month
 - We are still working out if the participant backs out, what would we do about the incentive that was given.
- Filing Plan
 - Fits into DSM Plan – Aug 31, 2018
- Next Steps
 - We need to get more feedback from stakeholders/customers about participating in a pilot like this.

Discussion

Justin W – How long will this pilot going to happen?

Eric – 2 years

V. 120 Day Report – Jack Ihle

- Jack gave update on 120 Day Report
 - No comments

VI. Hosting Capacity Map – Chad Nickell

Discussion

Karey – What is your refresh?

Chad – Early stages but the refresh will evolve. Right now – once a year like MN, but nothing set in stone.

Sarah (CDOT) – this is all installed?

Chad – everything changes – projects don't go through. Working through it.
“how to interconnect” on the xcelenergy.com

VII. Legislative Session – Neil Cowan

- SB18-009(Sen. Fenberg Battery Bill)
 - Requires Rulemaking – Miscellaneous Proceeding (a.k.a. M-Docket)
 - Principles:
- HB18-1270 (Rep. Hansen Energy Storage Bill)
 - Requires Rulemaking – M-Docket?
- HB18-1271(Eco-Devo Bill)
 - Requires Commission Approval – Application

Discussion

Justin W. – You're not going to commission yet? You're waiting on the right opportunity.

Neil C. – Let's say Amazon came to Denver, this might come into play.

Chris Neil – Take off Hosting Capacity Maps

VIII. Stakeholder Groups vs Workshops

A. **Is there a way to make this more efficient?**

Discussion

Sarah – Maybe some sort of communication to everyone about workshops

Karey – Notification to other parties.

Neil – SGIP remove

IX. RES Report – Neil

- 2017 RES Report filed June 1:
 - Plan is online

X. Wrap Up

A. Action Items

- **Brett J.** – Would like name/face of someone who could help them transition from Windsource to Renewable*Connect.
- **Justin W.** – Maybe add the installed numbers?
- **Justin W.** – COSEIA to come back with HOW they want to do RFP Scoring (Next Friday 22nd)
- **Eric M.** to follow-up with Thad on battery pilot.
 - *****Allows them to participate via app / changes settlement*****

B. Future Agenda Items

- **Karey C.** – Energy partnerships, maybe a presentation?

C. Next Meeting Scheduled for August 24th.