

## RES / CES Technical Analysis:

### Minutes from November 14 Stakeholder Advisory Group (SAG)

#### Meeting #6: Results

#### Attendees:

**Sustainable Energy Advantage (SEA):** Jason Gifford, Toby Armstrong

**VT Public Service Department (PSD):** TJ Poor, Anne Margolis, Adam Jacobs, Cameron Berube, Lou Cecere

**SAG:** Amber Widmayer, Anna Bowler, Annette Smith, Billy Coster, Casey Lamont, Danielle Laberge, Dan Potter, Doug Smith, Heather D'Arcy, Jonathan Dowds, Larry Satcowitz, Sam Lash, Steve Crowley

**Other:** David Cressy, Joyce Manchester, Julia Richter, Nate Abercrombie

#### Agenda:

- Discussion of Results
- Questions and suggestions from non-SAG participants
- Closing Remarks

#### Meeting Minutes:

##### Item 1: Discussion of Results

Jason presented the results of the technical analysis, referencing specific slides.

Key points discussed:

##### Slide 12:

- Discussion of cumulative vs incremental results in Societal Cost Test.

##### Slide 13:

- Incremental SCT
- All scenarios have positive net societal benefits.
- Benefits are largely driven by GHG and price suppression.
- Tier I is not assigned benefits given absence of additionality.
- Discussion of societal discount rate used.
- Annette Smith:
  - Voiced concerns that environmental impacts are undervalued in the model and that societal benefits are overestimated.

##### Slide 14:

- Danielle Laberge:
  - Asked for clarification on how price suppression benefits impact Rate Impact.
- Adam Jacobs:
  - Rate Impact includes VT price suppression only – not regional as is included in the Societal test.

**Slide 15:**

- Clarification of average total rate increase.
- TJ Poor:
  - Bulk transmission costs accounted for but local distribution (substation upgrade costs for example) are not included.
- Anna Bowler:
  - Asked for clarification of how interconnection costs are accounted for.

**Slides 19, 20, 21, 22, 23, 24, 25:**

- RES Eligible Technology by scenario
- Discussion of how in state wind is accounted for.

**Slide 26:**

- Cost of Carbon Abatement

**Slide 27:**

- Variability of Load and Generation
- Discussion of hourly load profile and the need to consider compliance on an hourly, daily monthly time frame.

**Slide 30:**

- Approach to Tier II cost modeling
- Discussion of solar development cost estimates.

**Slide 31:**

- Approach to Net Metering Cost Modeling

**Slide 32:**

- Discussion of REC retirement in state vs out of state

**Item 2: Questions and Suggestions from non-SAG Participants**

- Questions and Comments solicited from non-SAG participants.
  - None.

### Item 3: Closing Remarks

- Dan Potter:
  - What data will be available and how will we access it?
- Jason:
  - We will send the model in an excel file to each participant.
- Sam Lash:
  - What is PSD's reaction to this analysis?
- TJ Poor:
  - We don't have recommendations at this time.
  - We are balancing the Rate Impact with the Societal Benefit, laying over the qualitative impact on VT communities. Waiting for the results of the Department's extensive additional engagement efforts to inform our thinking.
- Next steps:
  - Before Thanksgiving we will summarize key takeaways.
  - After Thanksgiving we will hold a workshop to summarize the results of engagement and technical analysis.
  - We will take written comment.
  - Legislative proposals will be made.
- We will share transmission and distribution cost analysis results when available.