Xcel Energy TOU Pilot

Stakeholder Engagement Kickoff

May 5th, 2017

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Xcel Rate Design Pilot: 3 Forums + 2 Intensive Rounds of Stakeholder Input

May

- e21 Stakeholder Forum on May 5th
 - Presentations from Xcel Energy and their internal and external experts
 - · Facilitated stakeholder discussions
- Convene small group of stakeholders for 3 meetings in May
 - Deeper dive on specific topic areas
 - Facilitated stakeholder discussion, together with Xcel Energy experts

July

- e21 Stakeholder Forum on July 14th
 - Customer-focused theme and speakers
 - · Present on stakeholder input collected in May

September

- e21 Stakeholder Forum on September 8
 - Hear from Xcel Energy about updated pilot design, responding to stakeholder and customer input
 - Facilitated stakeholder discussion
- Reconvene core stakeholder group for further discussions on pilot design





Invited Stakeholders for Small Group Discussions

- Sara Baldwin Auck, Interstate Renewable Energy Council
- Ryan Barlow/Ron Nelson, Office of the MN Attorney General
- Sara Bergan, Stoel Rives
- Lon Huber, Strategen Consulting
- Hudson Kingston, Minnesota Center for Environmental Advocacy
- Annie Levenson-Falk, Citizens Utility Board of MN
- Pam Marshall, Energy CENTS Coalition
- Will Nissen, Fresh Energy
- Susan Peirce, MN Department of Commerce
- Cam Winton, MN Chamber of Commerce





Today's Agenda

| 1:00 – 1:30 pm | Welcome, introductions, and meeting overview |
|----------------|--|
| 1:30 – 2:15 pm | Presentation on national best practices in rate design |
| 2:15 – 3:15 pm | Presentation on Xcel Energy's alternative rate design pilot in Minnesota and similar pilot in Colorado |
| 3:15 – 4:00 pm | Panel of intervenors in Xcel alternative rate design docket |
| 4:00 – 4:45 pm | Facilitated discussion of rate design pilot |
| 4:45 – 5:00 pm | Next steps for stakeholder engagement process |



Example Topics for Stakeholder Discussion

- Impacts on low income and special medical need customers
- Combine TOU with other rates (CPP or PTR) or stand-alone?
- Compare use of AMI vs AMR?
- Test multiple TOU offerings?

- Duration of Peak period
- Differential between Peak/Off-Peak rates
- Number of periods
- Number and customer type of participants
- Pilot Period
- Alignment with MN PUC Draft Rate Design Principles





MN PUC DRAFT Rate Design Principles

- 1. Low income customers and those with special medical needs should have access to enough electricity to ensure basic needs at an affordable cost.
- 2. Rates should be based on marginal cost.
- 3. Rates should be equitable, generally based on cost-causation principles and avoiding cross-subsidies, unless it is necessary to meet explicit state policy goals.
- 4. Rates should encourage conservation and energy efficiency.
- 5. Rates should reduce coincident system peak demand.
- 6. Rates should be stable, understandable, and provide customer choices.
- 7. Rates should encourage economically efficient decision-making.
- 8. Rates should be aligned with wholesale market prices that reflect the varying price of electricity throughout the day and year.
- 9. Rates should allow a utility to recover its revenue requirement in a manner that maintains utility revenue stability, and minimizes year-to-year under- or overcollections.





Process for Gathering Input

- We will record high-level feedback, comments, and questions from today
- 2. We will draft summaries of meetings, and will send those out to attendees for clarifications
- A final draft will be sent to all attendees to flag any MAJOR remaining discrepancies
- 4. Summaries of May and Sept meetings will be provided to Xcel Energy and filed in the Alt Rate Design docket (Docket. No. 15-662)

