



**Meeting #3, June 13-14, 2023**

**Xcel Energy/Southwestern Public Service Company's Integrated Resource Plan**

### **MEETING SUMMARY**

#### **SUMMARY**

Approximately 36 stakeholder representatives from 24 different organizations attended a two-day workshop focused on developing input to Xcel Energy/SPS's Integrated Resource Plan. The workshop was held in Roswell, New Mexico. Stakeholders developed input to the Statement of Need and a plan for engaging in modeling activities. Both activities inform input to the Action Plan.

Meeting materials (listed below) are available at: [Xcel Energy/Southwestern Public Service Company \(SPS\) – Gridworks](#)

- [Agenda](#)
- [Slide Deck – Gridworks/SPS IRP 6/13/23 & 6/14/23 Stakeholder Engagement Workshop](#)
- [Slide Deck – Xcel Energy/SPS In-Person Facilitated Stakeholder Meeting 6/13/23 & 6/14/23](#)
- [2023 IRP Acronym List](#)
- [SPS Presentation on System Reliability Metrics](#)
- [SPS Presentation on Forecasting Natural Gas Prices, SPP Market Prices, and Peak Demand](#)
- [SPS Presentation on System Resources](#)
- [Statement of Need Elements – 6/13/23](#)
- [Modeling Working Group Summary](#)
- [SPS IRP Stakeholder Modeling Request](#), also available electronically at: [SPS IRP Modeling Request \(office.com\)](#)
- Recordings (with exception of the break out sessions):
  - Recording for 6/13 - <https://youtu.be/9mtH7j2BTM8>
  - Recording for 6/14 - <https://youtu.be/QsSaPu1v0Ik>

After introductions of all meeting participants, the SPS team presented information about the anticipated resource needs, status of the most recent RFP, and the current IRP modeling approach. All questions submitted from stakeholders present in person and attending via Zoom were answered by SPS representatives. Questions included topics such as planning reserve margin considerations, load forecast assumptions, resource technology options, demand response opportunities, and others.



Break out sessions focused on the Statement of Need (SoN) and modeling activities produced a draft of the SoN and a plan for modeling engagement activities.

#### **STATEMENT OF NEED BREAK OUT SUMMARY**

The SoN discussion group included:

- Karen Boehler (consumer)
- Athena Christodoulou (CSol Power/NMSEA)
- Jim DesJardins (NM REIA)
- Austin Jensen and Bailey Nickoloff (NM Large Customer Group)
- Agata Malek and Edison Jimenez (NM PRC Utility Division)
- Jonathan Smith (Crestwood)
- Steve Smith (Devon Energy)
- Kerry Stanley (Targa Resources)
- Tom Neal, Zoe Lees, Matt Larson and James Lackey (SPS/Xcel)
- Margie Tatro (Gridworks)

The group drafted a list of topics to be considered as input to the SoN, see link to “Statement of Need Elements” above. An interim committee of Austin Jensen, Karen Boehler, Jim DesJardins and Zoe Lees volunteered to work on the next version of the SoN input document. Any stakeholder with interest is welcome to join this group, which is called SoNIC.

This group listed the following questions/requests of the modeling efforts:

1. Model a scenario with accelerated RPA goals, e.g. carbon free by XXXX
2. Include an increased demand response scenario
3. How are distributed resources considered in the modeling?
4. How is distributed generation considered in the load forecast and what costs are assigned?
5. How are distribution system investments treated in the model?
6. How are scenarios stress tested for extreme weather, forest fires, or other summer peak conditions?

#### **MODELING BREAK OUT SUMMARY**

The modeling discussion group included:

- James Hall (Exxon Mobil)
- Chris Leger (Interwest Energy Alliance)
- Chelsea Canada (NM Chamber of Commerce)
- Keven Gedko (NMAG)
- Ed Rilkoff, Cynthia Mitchell, Gabriela Dasheno, and Naomi Velasquez (NM PRC Utility Division)
- Michael McMillin (OPL)
- Michael Kenney (SWEEP)
- David Millar (Wartsila)



- Ben Elsey, Chris Whiteside, Jeremy Lovelady, John Goodenough, Justin Smiley, Mike D’Antonio, Paul Haverfield, Patrick Lucero, Sonja Jenko (SPS/XCel)
- Jay Griffin (Gridworks)

The Modeling Working Group has the following objectives:

- Review and provide feedback on SPS modeling inputs and key assumptions;
- Review and provide feedback on SPS model results;
- Identify and prioritize stakeholder-requested modeling runs; and
- Identify and facilitate access to modeling software, if requested. (No requests were made at the meeting)

The modeling work group reviewed and discussed presentations from SPS on the following topics:

- hierarchical scenario analysis process;
- system resources (including commercially available and emerging technologies);
- projections for natural gas prices, SPP market prices, and peak demand; and
- SPS form for stakeholders to request scenarios to model.

The modeling working group report (link above) contains a summary of the questions and topics discussed during these presentations. In the remaining time, the working group members developed a work plan to inform and support SPS modeling work in the next few months.

A subgroup will meet on June 30 from 9:00-10:30 MDT to review SPS assumptions on demand-side resources and discuss alternative modeling scenario(s) of these resources. This meeting will be recorded and the link is shown below:

Demand-side Resources Scenario Discussion  
 June 30, 9AM, Join Zoom Meeting:  
<https://us02web.zoom.us/j/8569536132>  
 or join by phone (US) +1 301-715-8592

**NEXT STEPS**

The next steps for both the SoN and modeling activities are shown below.

DATE	MODELING	STATEMENT OF NEED
June 19-28	SPS provides information on forecasts of NG prices, SPP market prices, and demand	SoN Interim committee edits draft SoN; Austin Jensen and Zoe Lees to coordinate.
June 30, 9:00 – 10:30 AM Zoom meeting hosted by Gridworks	Meeting of interested stakeholders to discuss Demand Side Resources scenario parameters	



# GRIDWORKS

June 30	<p>Stakeholder requested modeling run requests submitted to Ben Elsey (ben.r.elsey@xcelenergy.com) and Jay Griffin (jgriffin@gridworks.org). Meeting to discuss Demand-side Resources, 9:00 AM MDT.</p> <p>Stakeholder feedback on SPS input assumptions, characterization of existing technologies, and requests to model emerging technologies.</p>	Draft SoN input posted on Gridworks website as pre-read
July 6 STAKEHOLDER MEETING	<p>Review of SPS base runs results</p> <p>Review proposals for stakeholder-requested Modeling Runs (Round 1)</p>	Draft SoN input presented, feedback collected.
July 7-24	Modeling	Revisions to SoN input
July 25	Modeling results to date posted on Gridworks website as pre-read	SoN input posted on Gridworks website as pre-read
Aug 1-2 STAKEHOLDER MEETING	First Modeling Review including Stakeholder requested Modeling Runs (Round 2). Action Plan Input.	Assess level of consensus on SoN input. Action Plan Input.
September 21 STAKEHOLDER MEETING	Modeling Concluded – Final Modeling Review	

Participants were given time to complete an on-line meeting survey.

**ACTION REQUEST:** For those who completed the survey, thank you. The survey instrument is available anytime (see below). Please take a few minutes to provide your feedback.



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Please Access and Complete the Survey Now

*...by either:*



Scanning the QR Code to the right

OR



Visiting this link: [bit.ly/SPS-IRP-Feedback](https://bit.ly/SPS-IRP-Feedback)



Feedback allows us to:

1. Measure effectiveness of this new process for the NM PRC
2. Improve Gridworks' facilitation effectiveness
3. Hear your concerns and suggestions



GRIDWORKS

**NEXT MEETING:** The next meeting of the group, Meeting #4, is scheduled for July 6 from 1 PM – 5 PM, via Zoom: <https://us02web.zoom.us/j/8569536132> (ID: 8569536132)

Join by phone  
(US) +1 301-715-8592