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Xcel Energy/SPS's 2026 Integrated Resource Plan Base Case Model Results and Plans for Additional Model Runs Workshop #4 (May 20, 2026) Summary

WORKSHOP SUMMARY

Representatives from 17 organizations attended this workshop to meet with the Xcel Energy/SPS Integrated Resource Planning (IRP) team and receive an update on base-case model results. Stakeholders from both New Mexico and Texas jurisdictions were present. The 23 participating stakeholders had opportunities to ask questions and offer comments on whether the planned modeling analyses represent their interests. The list of participating organizations (excluding Xcel Energy/SPS, its consultants, and Gridworks) is attached.

MATERIALS

- **Gridworks slide deck:** [Gridworks Slide Deck](#)
- **Xcel Energy/SPS slide deck:** [Xcel Energy Slide Deck](#)
- **Recording:** <https://www.youtube.com/watch?v=APUrOIOvHoU>
- **Website for all materials:** <https://gridworks.org/initiatives/xcel-sps/>
- **Model Run Request Form:** [2026 Integrated Resource Plan Modeling Requests – Fill out form](#)

WELCOME AND INTRODUCTION

This workshop had the following objectives:

- Present model results to date (base cases) and share plans for additional utility-defined runs.
- Begin discussion about stakeholder modeling interests.
- Describe the process for submission of stakeholder-requested runs.
- Assess the need for an office hour session before workshop #5


The timeline for IRP stakeholder engagement is shown at right. Workshop #4 begins the three-workshop series focused on detailed modeling discussions.

We are Starting Detailed Modeling Discussions

March - April	May - July	August - September
1. March 5: 9 AM - 12 PM, virtual 2. Mar. 23 - 24: Roswell, hybrid 3. April 30: 9 AM - 12 PM, virtual	4. May 20: virtual 5. June 23-24: Hobbs, hybrid 6. July 21: virtual	7. Aug. 26-27: Carlsbad, hybrid 8. Sept. 9: format TBD

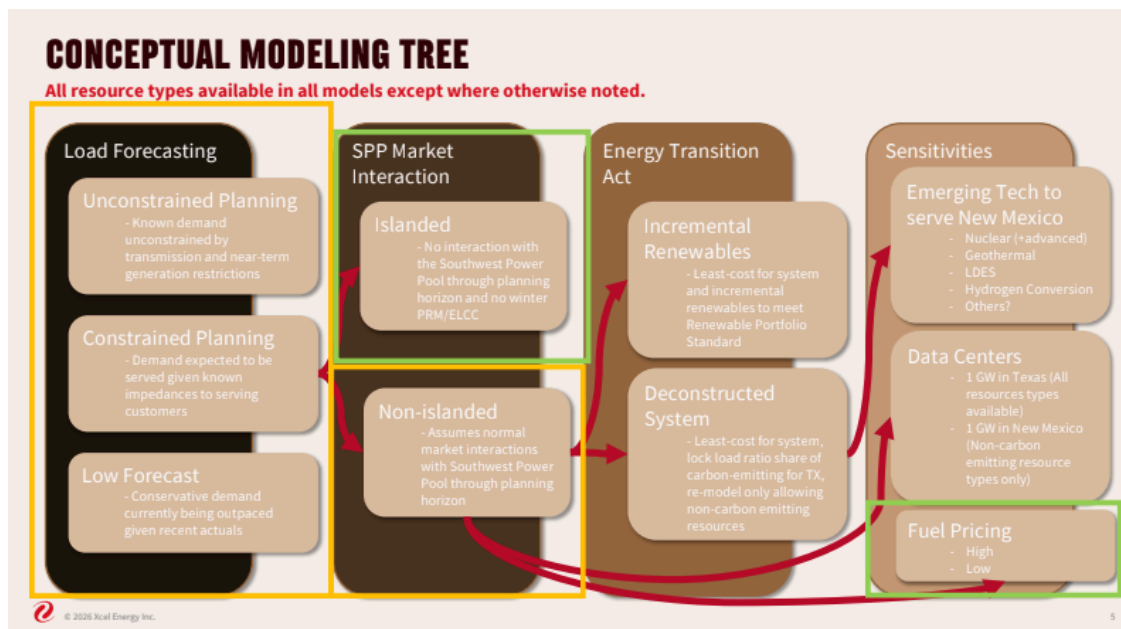
|-----BIG PICTURE-----| |-----BIG PICTURE-----|
 |-----DETAILED MODELING-----|

1. Stakeholder interests and utility vision.
2. SPS system, challenges, and opportunities. Explore central question.
3. Modeling foundation: plans, inputs, assumptions, requirements. Access to modeling info.
4. **Base case model results and plans for additional utility-defined scenarios.**
5. Agreement on parameters of stakeholder-requested modeling runs.
6. Results of stakeholder-requested runs.
7. Utility decisions from all analyses. Draft statement of need and action plan.
8. Complete statement of need and action plan.


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MODELING TREE AND STAKEHOLDER INTERESTS

The SPS IRP team reviewed the list of planned modeling runs as shown in the conceptual modeling tree below:



The workshop facilitators polled stakeholders about whether or not their interests are being addressed by the analysis topics listed in the modeling tree above. Results of the poll are shown at right.

Themes of stakeholder comments about the planned runs included:

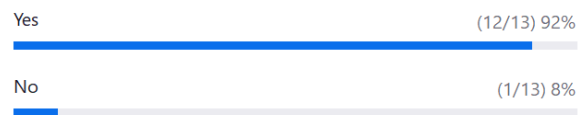
- Understanding of the input and assumptions for the “islanded” scenario
- How microgrids and related rate structures might be addressed
- How carbon-free requirements of New Mexico’s Energy Transition Act (ETA) are being modeled

Modeling Framework

Poll | 1 question | 13 of 33 (39%) participated

1. Does this modeling framework capture your priority interest?
 (Single choice) *

13/13 (100%) answered



BASE CASE MODEL RESULTS

SPS presented the results from the unconstrained planning, constrained planning, and low forecast scenarios. Low and high gas price sensitivities for the unislanded, constrained scenario were also described. SPS recognized that the expected demand for electricity in its service territory is outpacing its ability to supply it and that there is a need to balance cost-effectiveness with New Mexico’s renewable and zero-emission requirements. SPS stated a need to consider exceptions to the ETA for affordability and reliability concerns.



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Stakeholder questions and comments revolved around these themes:

- Impacts of sales to and purchases from the Southwest Power Pool (SPP) market, as well as SPP reliability requirements
- Extension of thermal resources and interest in how current gas steam units are operated
- Battery resource, including longer duration storage, nuclear resource, and carbon capture assumptions
- Timeframes for modeling (planning horizon and resource acquisition period)
- Base case scenarios and compatibility with NM law regarding ETA and EPA's New Source Performance Standards

STAKEHOLDER MODEL RUN REQUEST FORM AND MODELING INFORMATION

SPS provided a link to the stakeholder model run request form, see [2026 Integrated Resource Plan Modeling Requests – Fill out form](#). A May 28 deadline for completion of the form was discussed. Stakeholders expressed a need for more time to submit runs, so the team is evaluating an extension to that deadline. SPS also confirmed that the form is a starting point for requests and that they are open to broader ideas that may not be captured in it.

The process for requesting access to modeling information, described during Workshop #3, was reviewed. Relevant information is available via the links below:

- [SPS IRP - Data Access Request Form](#)
- [SPS IRP - iManage User Guide](#)
- [SPS IRP - Confidentiality Agreement](#)

ACTION ITEMS

- More info from SPS about the microgrid concept and ratemaking treatment
- SPS to post modeling data on shared file site (iManage)
- Stakeholders are encouraged to send a list of modeling data they are seeking to Linda and Deb (Linda.L.Hudgins@xcelenergy.com and dshields@gridworks.org)
- SPS to evaluate the deadline for stakeholder submission of modeling requests

NEXT STEPS

A summary of this workshop is available at <https://gridworks.org/initiatives/xcel-sps/>.

Several stakeholders expressed interest in an office hour session in advance of the June workshops. Requested topics include ETA qualifying resources, zero-carbon emissions requirements, and carbon capture and storage. Stakeholders are advised to watch for a calendar invitation and a list of potential topics for this session.



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The next workshop will be held on June 23 (1 PM - 4 PM MDT) -June 24 (9 AM - 12 Noon MDT) in Hobbs, New Mexico. A Zoom link will also be available, but in-person participation is highly recommended for full engagement. The focus will be on understanding model results and agreeing on the parameters of the stakeholder-requested modeling runs.

Questions, concerns, and suggestions are welcome and can be directed to Linda Hudgins (linda.l.hudgins@xcelenergy.com) and Deborah Shields (dshields@gridworks.org).

***** Update on Schedule - sent via email to stakeholders on May 22, 2026 *****

Stakeholder data needs – During Workshop #4 earlier this week, stakeholders were encouraged to identify data needs related to model inputs and assumptions. Please send any requested data to Linda and Deb (linda.l.hudgins@xcelenergy.com and dshields@gridworks.org).

- **Stakeholder modeling run requests** – Because much of Workshop #5 will focus on developing and discussing stakeholder model run requests, the team has postponed the submission deadline for model run requests to **5 PM MDT on Friday, June 12** (this is a change from the timeline communicated during Workshop #4). You can find the form here: [2026 Integrated Resource Plan Modeling Requests – Fill out form](#)
- **Office Hour** – The team is scheduling an office hour for **June 2, 2-3 PM MDT** to discuss stakeholder data needs, modeling request questions, iManage contents, and qualifying resources under New Mexico’s Energy Transition Act. A calendar invitation will be sent shortly, and the agenda will follow in a few days.
- **Workshop #5** – Is scheduled for June 23, 1-4 PM MDT and June 24, 9 AM -12 PM MDT in Hobbs, NM (with a virtual option). You should have received a calendar invite; stakeholders are encouraged to attend in person, and RSVPs to Deb Shields (dshields@gridworks.org) to indicate your plan to attend in person or virtually would be appreciated.



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WORKSHOP #4 PARTICIPATING ORGANIZATIONS (Excluding SPS, its consultants, and facilitators)

- 1898
- Bloom Energy
- Chevron
- ConocoPhillips
- Contour Global
- Energy Futures Group
- ExxonMobil
- Google
- Lipscomb County Judge
- GridLab
- Interwest Energy Alliance
- New Mexico Large Customer Group
- NM PRC
- NRDC
- OPL
- Priority Power
- Targa Resources