

Zoom Meeting: <https://us02web.zoom.us/j/5948384712?omn=81784586696&jst=2> (ID: 5948384712)

**WELCOME**



**GRIDWORKS**

**SPS 2026 Integrated Resource Plan**

**Base Case Model  
Results & Plans for  
Additional Analyses**

**May 20, 2026: 9 AM - 12 PM MDT  
Workshop #4**

**This workshop is being recorded. For recording and meeting materials, see  
<https://gridworks.org/initiatives/xcel-sps/>**

## Objectives and Outcomes

- Present model results to date (base case) 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.

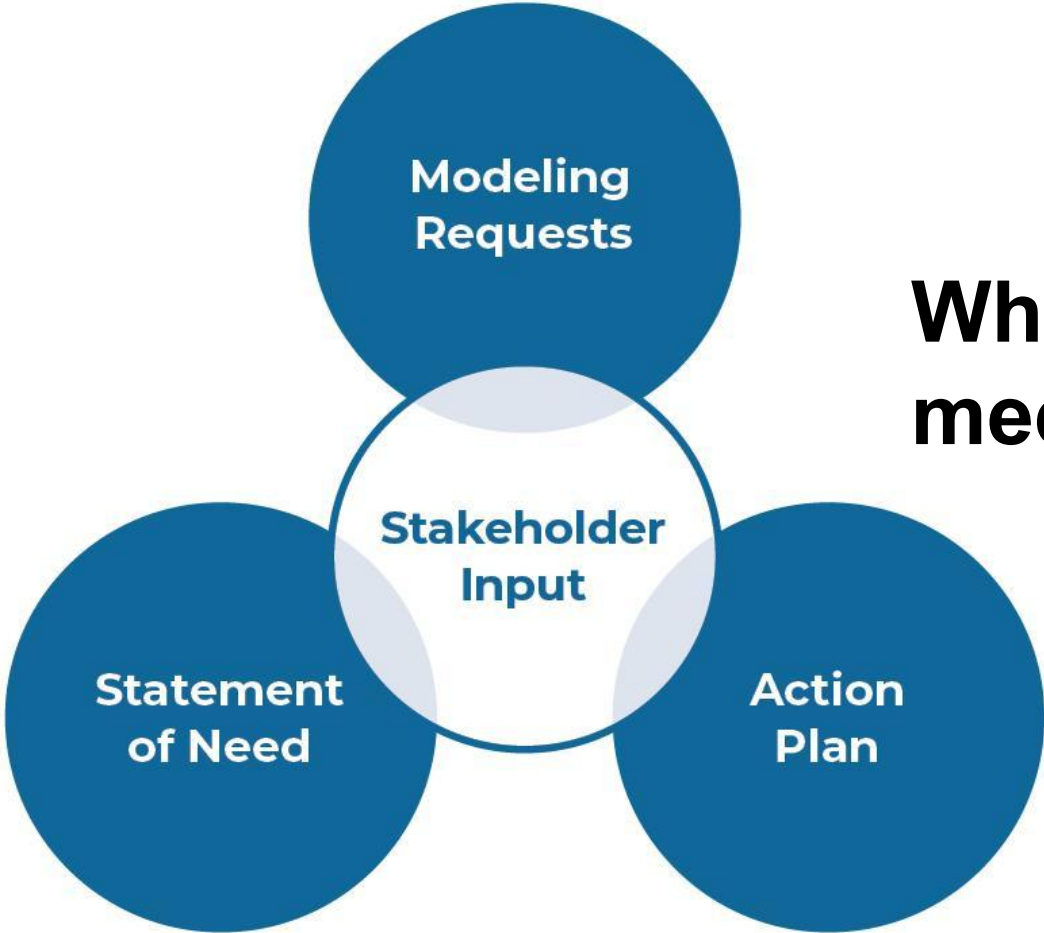
## Agenda

- 9:00 Welcome and Introductions
- 9:15 Modeling Tree and Stakeholder Interests
- 9:45 Base Case Model Results, followed by Q&A  
Break, when appropriate
- 11:00 Stakeholder Model Run Request Process, followed by discussion
- 11:45 Summary and Next Steps
- 12:00 Adjourn

## Workshop Norms for All Participants

- During presentations, please hold your questions until the Q&A segments. State your name and organization when offering questions. Speak clearly and project your voice.
- Be respectful in your comments
- We are all working with good intentions; give each other the benefit of the doubt
- Share your ideas; leave time for others

Our Work Together is Guided by the NM IRP Rule and a Central Question



What is SPS's resource need to meet the expected demand?

## We are Starting Detailed Modeling Discussions

March - April

1. March 5: 9 AM - 12 PM, virtual
2. **Mar. 23 - 24: Roswell, hybrid**
3. April 30: 9 AM - 12 PM, virtual

May - July

4. **May 20: virtual**
5. **June 23-24: Hobbs, hybrid**
6. July 21: virtual

August - September

7. **Aug. 26-27: Carlsbad, hybrid**
8. Sept. 9: format TBD



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.

## Activities Since the Last Workshop, April 30

### May 11 - Texas Stakeholder Session

- For additional information, contact [linda.l.hudgins@xcelenergy.com](mailto:linda.l.hudgins@xcelenergy.com)

### May 12 - Office Hour for Follow-up Questions from Workshop #3

- materials available: <https://gridworks.org/initiatives/xcel-sps/>
- no open items remained

## After We Hear From SPS...

We are going to ask you:  
Does the modeling framework capture your priority interest?

Top Interests for This Work	
Industrial electrification	60%
Affordability and customer bill impacts	50%
Grid reliability amid rapid load growth	40%
Cost of new resources to meet demand growth	30%
Data centers and large load integration	30%
Speed and timelines for serving new customers; support economic development	30%
Environmental progress and advancing NM's Energy Transition Act	20%
Modeling assumptions and scenario planning	20%
Southwest Power Pool requirements and market participation	10%
Balancing reliability, affordability, and policy requirements	10%
Dispatchable versus intermittent resources for power generation	0%
Technology adoption and grid modernization (virtual power plants, customer-sited resources, advanced metering)	0%
Transmission development	0%

# Modeling Tree and Stakeholder Interests

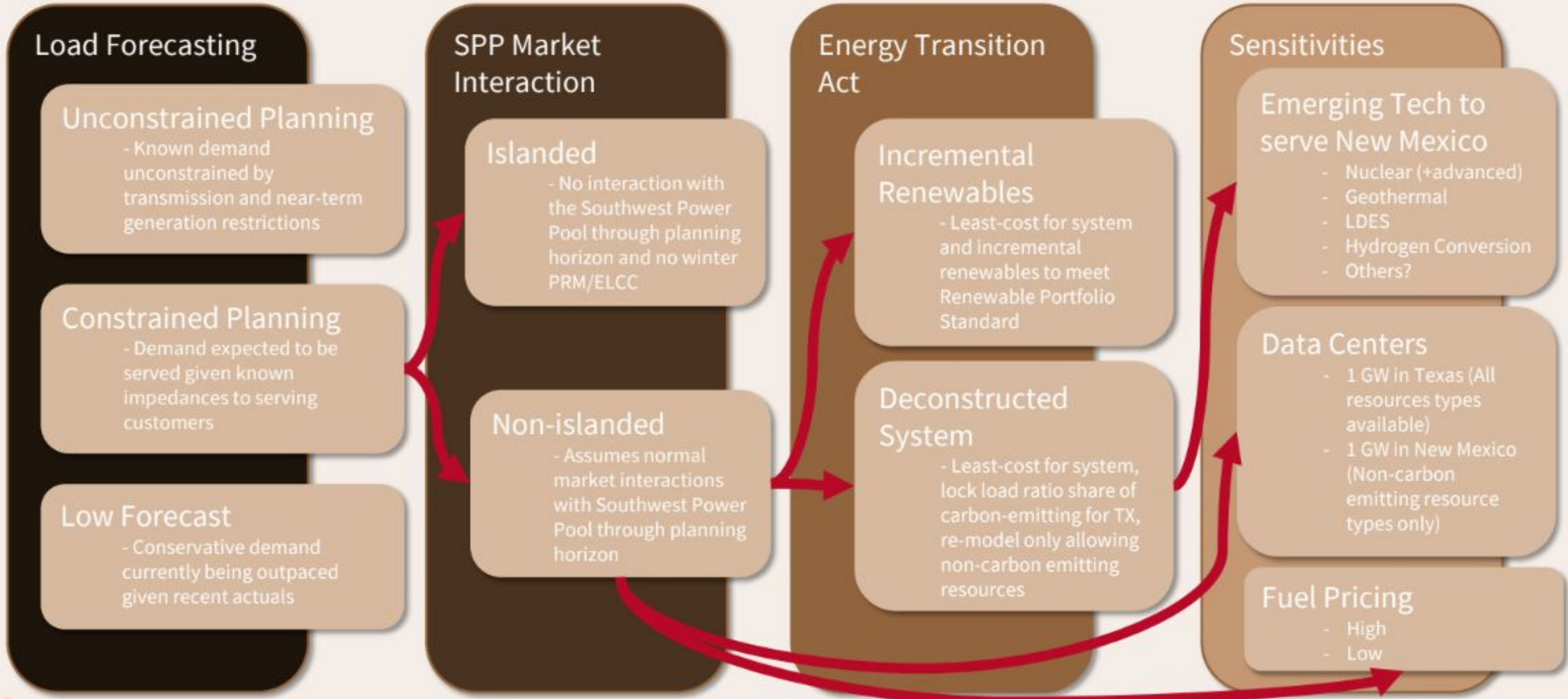
**SPS Slides**  
**Poll - Interests**  
**Discussion**

## Participant Priority Interests from Workshop #2

Industrial electrification	60%
Affordability and customer bill impacts	50%
Grid reliability amid rapid load growth	40%
Cost of new resources to meet demand growth	30%
Data centers and large load integration	30%
Speed and timelines for serving new customers; support economic development	30%
Environmental progress and advancing NM's Energy Transition Act	20%
Modeling assumptions and scenario planning	20%
Southwest Power Pool requirements and market participation	10%
Balancing reliability, affordability, and policy requirements	10%
Dispatchable versus intermittent resources for power generation	0%
Technology adoption and grid modernization (virtual power plants, customer-sited resources, advanced metering)	0%
Transmission development	0%

# CONCEPTUAL MODELING TREE

All resource types available in all models expect where otherwise noted.



# ADDITIONAL SENSITIVITIES?

All resource types available in all models except where otherwise noted.



## Replacement

### Quay Co 24 MW CT

- Distillate Fuel Oil in Tucumcari  
w/long duration storage

### Harrington/Nichols

- Nuclear

### Cunningham 3 or 4

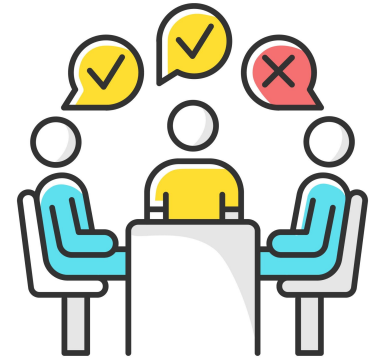
- Combustion Turbines w/Fuel Cells

## Data Centers

### Emerging Tech

- Fuel Cells w/ and w/o CCS





**Zoom Poll:** Does the modeling framework/tree capture your priority interests?”

- Yes
- No
- I Don't Know

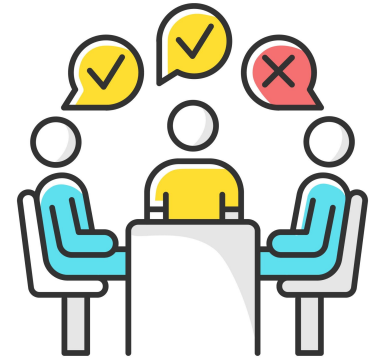
If “No” or “I Don't Know”, we invite you to jot down your thoughts, let's discuss.

# Base Case Model Results to Date

**SPS Slides  
Followed by Q&A**

# Stakeholder Model Run Request Process and Other Updates

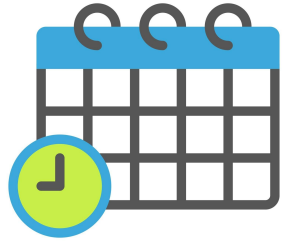
## SPS Slides Followed by Discussion



**Zoom Poll:** Given today's discussion, do you feel the need for an office hour before workshop #5 (i.e. is there more you want to discuss that we didn't get to today?)

- Yes
- No

## Summary and Next Steps



Workshop summary will be distributed and available at:

<https://gridworks.org/initiatives/xcel-sps/>.

Modeling data access request forms and instructions are also available under Workshop #3 materials on the Gridworks website.

**NEXT WORKSHOP: Hobbs, NM and Zoom. In-person attendance is highly recommended for full engagement opportunities.**

→ June 23 , 1 PM - 4 PM MDT and

→ June 24, 9 AM - 12 NOON MDT

Focus is understanding model results to date and defining parameters of stakeholder-requested model runs. (Model run request form is available at the Gridworks website under Workshop #4)

**THANK YOU FOR ATTENDING**

**QUESTIONS**

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<https://gridworks.org/initiatives/xcel-sps/>



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