

Update from Modeling Core Group

June 1, 2022



agenda

- Update on modeling data
- Summary of modeling run requests received to date
- Update on questions received to date and process for posing questions to PNM
- Specific actions and next steps

Modeling data

Public data

Uploaded Venue site, formatted as Excel tables

Access provided to members of “Public access” group and “Confidential access” group

Will be updated as needed based on input from core modeling group and/or PNM

Incremental updates posted as requested by core modeling group

Confidential data

Will be uploaded to Venue site and formatted full EnCompass input dataset(s)

Access provided to members of “Confidential access” group

Will be updated as needed based on input from core modeling group and/or PNM

SERVM data not posted due to confidentiality of Non-PNM Data used to model neighbors



Modeling run requests received to date

Scenario description	Complexity/time to develop
Future CTP with high EV & High Building Electrification	Low
Future CTP with increased DR	Low/Medium
Extensions for Valencia and/or Reeves	Low*
FCPP through 2027/2031	Low
No combustion scenario post 2039 - Include: Solar, Wind, Li-ion storage, Long duration storage, wind expansion, geothermal as candidate options	Medium
No New Combustion with Thermal Storage	Medium
Accelerated Carbon Free (2030, 2035)	Medium
Complex Scenario – Transmission Expansion + Many Alternative Resources	Medium
Gas Price (High/Very High)	Low/Medium
More Extreme Weather Sensitivities	High
WRAP / RTO modeling	High
Correlated Gas Outages	High

Question for group: is ranking by complexity an adequate prioritization method?

Update on questions and proposed process for posing questions to PNM

The working group posed a question arose surrounding how to better organize the asking and answering of questions.

Proposed Idea:

If individual stakeholders have questions, they should be directed to the appropriate working group – Statement of Need or Modeling. The working groups will submit relevant questions to PNM. Gridworks will post answers on their website (or some alternative), if time allows, discuss answers at scheduled stakeholder meetings.

THIS ISSUE AND POSSIBLE SOLUTIONS ARE IN DISCUSSION. STAY TUNED FOR RESOLUTION.

For now, stakeholders are requested to send questions related to modeling to the modeling core team co-captains:

Aaron Gould aaron.gould@westernresources.org

Rachel Wilson rwilson@formenergy.com

Nick Phillips Nicholas.Phillips@pnm.com

with copy to mtatro@gridworks.org

Specific actions and Next steps

- **Actions requested of larger group**

- Are any modeling requests missing?
- Any clarifications or refinements of modeling requests?
- Feedback on ranking/prioritization
- Alignment on method for submitting questions

- **Next steps**

- June 15: PNM will share initial modeling results from Phases 1-2, Stakeholder will submit a fully characterized list of modeling requests and prioritization approach
- June 29 workshop: PNM will share additional modeling results (potentially including some stakeholder run requests) and any new modeling requests will be discussed/submitted.