SUMMARY OF APRIL 28, 2022, KICKOFF MEETING

On April 28, 2022, PNM kicked off its Public Advisory Process for its 2023 IRP (Integrated Resource Planning) filing. The session was a hybrid in-person and virtual meeting led by Director of Integrated Resource Planning Nick Phillips, who gave an update of PNM activities and current events, an overview of the IRP process, and a preview of upcoming stakeholder meetings.

At the outset of the listening session, Mr. Phillips welcomed participants' input on the following:

1. What PNR did well in the last (2020) IRP and where can it improve
2. Ideas for technical discussions
3. The proper way to balance reliability, customer cost, and the accelerating transition to clean energy
4. Ways PNR can be more collaborative with its public stakeholders throughout the process

Discussion topics and comments covered, inter alia, customer-owned storage systems, planning for reliability and resource adequacy as decarbonization increases, the impact of any proposed changes on subpopulations, and planning for extreme weather events. (See below for the complete list.)

Mr. Phillips also introduced the two firms that will be assisting PNM with the IRP (Energy + Environmental Economics [(E3)] and Astrapé Consulting) and announced that E3 would present the findings of its Southwest Resource Adequacy Study at the next stakeholder meeting on May 25, 2022.

MEETING ATTENDEES

A total of 43 stakeholders, not including PNM staff, attended the meeting, including members of the public and representatives from the following organizations: Coalition for Clean Affordable Energy (CCAE), Renewable Energy Industries Association of New Mexico (REIA), Sandia National Laboratories, and Western Resource Advocates (WRA).

Meeting slides can be found here.

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STAKEHOLDER QUESTIONS/COMMENTS

Stakeholder	Question/Comment	Categories
Member of the Public:	Will all meetings be available virtually?	**General**
REIA:	Why doesn't your list of current events include the interconnection docket 21-00266?	**Transmission**
Member of the Public:	What do you mean when you say PNM is one of the top companies in the U.S. for diversity?	**General**
Member of the Public:	Can you provide a breakdown of the different resources on PNM's system over time as well as the peak loads over time?	**Load & Energy Efficiency Forecasting**
Member of the Public:	As we expand residential commercial batteries through power walls or charging automobiles, we need to be assured that those facilities have capabilities that maximize the utilities [available to the public], not the company. For instance, we could have greater reliability through some system that allowed PNM to utilize the capacity when it's not really needed by the resident, but there has to be some kind of relationship with manufacturers or some requirements that, if you have a power wall, it has to have at least these kinds of capabilities. Is anything like that	**Grid Mod**

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	happening … and how do we make sure it's not an advertising gimmick for [electric] automobile manufacturers?	
CCAE:	As partner systems in southwestern states move to renewable or battery storage sources of energy, how may that affect the sales of energy to PNM? Or as regional utilities or regional load serving entities transition their systems towards more renewables and energy limited resources, will that impact PNM's ability to purchase energy on the wholesale market?	**Load & Energy Efficiency Forecasting**
CCAE:	Please clarify what you mean when you say, as the system moves toward more decarbonization technologies, PNM wants the system to act the same. It's my understanding that these newer technologies inherently require a system that acts differently, maybe more nimbly, and utilizes energy sources in a different way.	**Reliability, Resilience & Resource Adequacy**
Member of the Public:	As you put more and more individual storage units into a gateway system that gets smarter and smarter, could you use artificial intelligence to program a group of gateways to manage the system on a real-time basis and not worry about taking from person A, B, or C? Artificial intelligence will do it fast.	**Grid Mod**

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Member of the Public:	What sub-populations of the PNM customer base are going to be impacted and in what order? How do we keep that in balance, both for the system and as we have more distributed generation? How does that change the role of the grid and other factors?	**Load & Energy Efficiency Forecasting** **Grid Mod**
Member of the Public:	What other studies, in addition to the Southwest Resource Adequacy Study and the PNM Resiliency Study are underway now?	**Reliability, Resilience & Resource Adequacy**
Member of the Public:	When do you plan to file the 18% planning reserve margin, if you have not already?	**Reliability, Resilience & Resource Adequacy**
Member of the Public:	Will you do any kind of analysis regarding the contingency reserves rather than just the planning reserves?	**Reliability, Resilience & Resource Adequacy**
Member of the Public:	If it turns out that sometime down the road it becomes obvious that the system needs to be more bi-directional, will you be looking into the costs associated with that?	**Grid Mod**
Member of the Public:	Please distinguish between load served and connected load and be consistent in the IRP.	**IRP Report**
Member of the Public:	Can the system be more robust in an extreme weather event?	**Reliability, Resilience & Resource Adequacy** **Grid Mod**

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Member of the Public:	Do you look at the various "flavors" of hydrogen and the various implications of their creation in this process?	**Modeling**
Member of the Public:	Where is PNMR (PNM's holding company) in terms of public outreach with the IRP?	**General**
Sandia National Laboratories:	[The IRP process] could benefit from a technical session discussing retail rate design. What kind of rate designs would be enabled by AMI?	**Grid Mod**
WRA:	I hope that one of the sub-topics of transmission will be the work that's being done around the West for regional transmission coordination (RTOs). What's being considered, by whom, and where? Is this an opportunity for PNM? What I've been learning is that for reliability in this age of increasing weather variability and penetration of utility-scale renewables, we need a larger footprint, so I hope that's one of the sub-topics. Regarding historically marginalized communities, we may also want to consider the location of generation--whether it is for the jobs that would be provided or such.	**Transmission**

All IRP questions and answers can be found here.

The latest future meeting schedule can be found here.

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