SUMMARY OF JUNE 22, 2022, TECHNICAL SESSION #2

On June 22, 2022, PNM held the second in the series of technical sessions for stakeholders devoted to discussing the advantages and disadvantages regarding the application of different technical methodologies within the modeling framework for the 2023 Integrated Resource Plan (IRP). The meeting was devoted to a presentation of the scope of work for the energy efficiency (EE) study AEG is conducting for PNM.

The objectives of the study include incorporating key updates from the 2019 study; developing new projections of EE potential; and developing IRP bundles. AEG's overview generated questions covering, inter alia, the conversion of evaporative cooling and energy savings (in the IRP bundles) from demand response programs such as smart thermostats. In addition, Astrapé Consulting also informed participants regarding Strategic Energy & Risk Valuation Model (SERVM) changes for the 2023 IRP regarding modeling market assistance in the context of determining the reliability metrics for portfolios.

A full list of questions follows below.

MEETING ATTENDEES

A total of 34 stakeholders, not including PNM staff, attended the virtual meeting, including members of the public and representatives from the following organizations: Brubaker & Associates, CSolPower, NV5, New Mexico State University, and Sandia National Laboratories.

Meeting slides can be found [here].

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Stakeholder	Question/Comment	Categories
Brubaker & Associates:	Is the Miscellaneous category just everything that doesn't fit into the other categories?	Load & Energy Efficiency Forecasting
Sandia National Laboratories:	Do you assume in your baseline load forecast this conversion rate? Over time, is what actually happens that difference could be due to energy efficiency incentives or incentives to not convert to AAC? Can part of it be forecast error? Does all of that get counted as energy efficiency?	Load & Energy Efficiency Forecasting
Sandia National Laboratories:	Is there a trend happening around the conversion of evaporative cooling to air conditioning? Do you assume in your baseline load projections about what that conversion rate might be?	Load & Energy Efficiency Forecasting
Sandia National Laboratories:	Demand side management is not being considered as part of energy efficiency, correct? Are you asking about demand response—that is some sort of customer response based on some sort of price signal or program?	Load & Energy Efficiency Forecasting
Sandia National Laboratories:	Will the hourly estimates of how much energy savings is going to happen based on each of the bundles include, for example, smart thermostats and other demand response programs?	Load & Energy Efficiency Forecasting

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NV5:	How do electric vehicles fit into the modeling?	Load & Energy Efficiency Forecasting
Member of the Public:	Is there any potential for geothermal or some kind of heat from the ground coming into this mix? Are we looking up to 20 years out?	Modeling
Member of the Public:	Can you apply the service stress test to the significant low carbon portfolios you produced in your IRP capacity expansion model?	Reliability, Resilience & Resource Adequacy
CSolPower	Does rooftop solar count toward energy efficiency?	Load & Energy Efficiency Forecasting
Member of the Public:	Can you provide the results of the one-week analysis? Would they be pretty quick to perform on the portfolios that come out of capacity expansion?	Modeling
Member of the Public:	We need to keep talking about fossil fuels: how they are being phased out and where those options are. Sometimes additional, more attractive fossil fuels, like gas versus coal, need to stay in the conversation in this transition period because the public doesn't really understand this issue very well.	Reliability, Resilience & Resource Adequacy

All IRP questions and answers can be found [here](.).

The latest future meeting schedule can be found [here](.).

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