



LOS ALAMOS

County of Los Alamos

Minutes

Board of Public Utilities

1000 Central Avenue
Los Alamos, NM 87544

*Cornell Wright, Chair; Stephen McLin, Vice-chair;
Eric Stromberg, Steve Tobin and Carrie Walker Members
Philo Shelton, Ex Officio Member
Steven Lynne, Ex Officio Member
James Robinson, Council Liaison*

Friday, November 5, 2021

11:00 AM

Remote Zoom Meeting
<https://us06web.zoom.us/j/84257779161>

SPECIAL SESSION

1. CALL TO ORDER

A special meeting of the Incorporated County of Los Alamos Board of Public Utilities was held on Friday, November 5, 2021 via Zoom video conferencing platform. Board Chair Cornell Wright called the meeting to order at 11:01 a.m. BPU members, staff and the public participated remotely. This social distancing was to comply with the recommendations of the Centers for Disease Control (CDC) to prevent the spread of COVID-19. Members of the public were notified of the ability to live-stream the meeting online and submit public comment during the meeting. The following board members were in attendance:

Present 7 - Chair Wright, Vice Chair McLin, Board Member Stromberg, Board Member Tobin, Board Member Walker, Board Member Shelton and Board Member Lynne

2. PUBLIC COMMENT

Chair Wright opened the floor for public comment on the Agenda or items not otherwise included on the agenda. There was no public comment.

3. APPROVAL OF AGENDA

As there was only one agenda item, there was no need for a motion or vote to approve the agenda.

4. BOARD BUSINESS

A. 14397-21 Presentation of Integrated Resource Planning Efforts

Mr. Steve Cummins, Deputy Utility Manager - Power Production provided an overview as follows:

The County has partnered with DOE-LANL since 1985 through the Los Alamos Power Pool (LAPP) Electric Coordination Agreement (ECA). LAPP plans for the electrical power needs of both parties by developing and maintaining a Power Supply Study, commonly referred to as an Integrated Resource Plan, or IRP. LAPP is currently developing a new IRP to help guide near-term and long-term decisions in multiple areas to plan for meeting

the current and future power demands of the power pool in the most environmentally sustainable fashion while also considering the cost to the County citizens and to the Laboratory's operation. The following paragraphs describe the purpose of the IRP, some details of the current IRP development project, and contextual factors that may influence LAPP's future electricity generating resources. The IRP is LAPP's plan for meeting forecasted annual peak and energy demand, plus some established reserve margin, through a combination of supply-side and demand-side resources over a specified future period. The IRP compares the Levelized Cost of Electricity (LCOE) for generation resource options while also considering risks, sustainability, operational factors, reliability, and a diversified power generation resource portfolio. The IRP will evaluate a comprehensive range of demand-side and supply-side resources over the period 2021-2041. In May of 2021 BPU and CC approved a contract with FTI for the development of an IRP. FTI is presenting the 50% project completion status. FTI will present to the BPU a review of work completed to-date, including:

- Load forecasts for LAPP
- Current and planned generation resources (Uniper PPA, LANL Solar)
- Potential new generation resource portfolios of the post-2025 ECA options
- Considered current BPU-adopted policies resulting from the Future Energy Resource committee recommendations and FY2023 Strategic Goals and Objectives identified under Sustainability, 5% gas reduction by 2030, 100% reduction by 2070
- Considered the Los Alamos Resiliency Energy and Sustainability (LARES) task force recommendations
- Considered the DOE 2021 Climate Adaptation and Resilience Plan, to support the U.S. reaching net-zero carbon emissions by 2050
- Considered current and future market conditions Although the LARES recommendations are in a draft form and have not been adopted by the County governing bodies, and actions to implement DOE's Climate Adaptation and Resilience Plan are just beginning, they both help establish the potential increases in electric load that must be considered for the future.

It's important to note that the IRP is a 20-year planning document which is typically updated every 3 to 5 years, or just prior to making any long-term decisions on new generating assets. It's also worth noting that the forecasted loads associated with EV and gas conversion are relatively small to LANL's programmatic loads over the next five years having minimal effects on the needed capacity requirements. The IRP provides information on how we can meet current policy goals, and serves to inform decisions on future resources, policy, and the LAPP ECA. DPU and DOE-LANL monitor actual and planned load increase on an annual basis using the IRP as a reference tool and will recommend additional resources at the appropriate time. DPU is seeking BPU discussion, feedback and consensus on the parameters and portfolios to use in developing the Integrated Resource Plan that will guide the acquisition of the County's future electricity generation resources.

Mr. Cummins then introduced the representatives from FTI Consulting that would present to the BPU:

Mr. Ken Dietzel, Senior Managing Director
Ms. Fengrong LI, Managing Director
Mr. Mitch DeRubis Director
Mr. Cameron Luther, Consultant

These representatives led an IRP interim discussion that covered key objectives, load forecasts, resource options, and portfolios framework. A copy of that presentation was included in the meeting packet. Mr. Cummins, staff, and FTI representatives responded

to inquiries from the BPU and provided clarifying information as appropriate.

5. PUBLIC COMMENT

During the presentation, Chair Wright called for public comment after each main topic.
The following citizens provided public comment:

- 1). Sue Barns, 3604 Ridgeway Drive
- 2). Skip Dunn, 107 Sierra Vista
- 3). Daniel Leonard, 3092 Woodland Rd.
- 4). Mr. Robert Gibson, 1465 Camino Redondo
- 5). Mr. Richard Dunn, 107 Sierra Vista

Their complete comments are available in the video and audio recordings of the meeting.

6. ADJOURNMENT

Chair Wright adjourned the meeting at 1:30 pm

APPROVAL

Cornell Wright, Jr

Board of Public Utilities Chair Name



Board of Public Utilities Chair Signature

November 17, 2021

Date Approved by the Board