

Council Meeting Staff Report

June 21, 2017

Agenda No.:	7.A
Indexes (Council Goals):	BCC - N/A
Presenters:	Steve Cummins
Legislative File:	9094-17

Title

Presentation of Integrated Resource Plan

Recommended Action

No recommendations at this time.

Staff Recommendation

Information only

Body

Pace Global will present to the Board of Public Utilities its findings on the development of an Integrated Resource Plan (IRP), including results from the deterministic and stochastic analyses conducted on several electric generation portfolios.

Background: Electric Production presented a preliminary Implementation Plan to the Board of Public Utilities in July of 2016 to provide high level information as to how the DPU proposes to implement the board-adopted recommendations that were identified in the July 7, 2015 Future Electrical Energy Recourses Report (FEERR).

A key component of that DPU plan was to contract with industry professionals who specialize in the development of Integrated Resource Plans (IRP). An IRP is a tool used to arrive at a best optimal mix of generation resources that meets a Utility provider's goals and objectives at the best cost.

Accordingly, DPU awarded a contract to Pace Global to put together an IRP for Los Alamos County. The completed IRP will serve as the governing document to assist in future decision making for existing and new power generation resources to serve the Los Alamos County electrical energy demands.

Pace Global analyzed and prioritized recommendations based on new and existing generation resources, forecasted loads, transmission and grid considerations, and risks associated with the various portfolios. Pace Global also considered DPU's goal to be carbon neutral by 2040 along with several of the FEERR recommendations.

At the January 18, 2017 Utility Board meeting, staff along with Pace Global presented the preliminary generation portfolios. At this meeting the members of the Board requested two additional portfolios to be studied as follows:

1. A least cost portfolio and
2. A portfolio where power is purchased in blocks from the market VS owning generation assets.

WHAT'S NEXT?

A final report is scheduled to be completed in early July. DPU will post it to its website. Additionally,

DPU scheduled a public meeting on July 12th at the White Rock Library, 5:30 p.m. to present the IRP findings and a time line of the expected process for implementing. Staff is also scheduled to present the findings to the County Council.

Alternatives

N/A

Fiscal and Staff Impact

Resource planning is a primary duty of Electric Production

Attachments

A - Power Point Presentation on the Findings of the Integrated Resource Plan