

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Application of Sierra Pacific Power Company d/b/a)
NV Energy for approval of its 2017-2036 Triennial) Docket No. 16-07001
Integrated Resource Plan and 2017-2019 Energy)
Supply Plan.)
_____)

PROCEDURAL ORDER

The Presiding Officer in this Docket makes the following findings and conclusions:

1. Pursuant to Nevada Revised Statutes (“NRS”) 704.741 and Nevada Administrative Code (“NAC”) 704.9208, Sierra Pacific Power Company d/b/a NV Energy (“SPPC”) will file with the Public Utilities Commission of Nevada (“Commission”) an Application for approval of its 2017-2036 Triennial Integrated Resource Plan (“IRP”) and 2017-2019 Energy Supply Plan (“ESP”) on July 1, 2016.

Supplemental Information

2. In addition to the information required by Chapters 703 and 704 of the NRS and NAC, including but not limited to NRS 704.741 and NAC 704.9005 through 704.9525, the Presiding Officer finds that SPPC shall include with its forthcoming Application information that will allow the Commission to more fully explore the costs and benefits of renewable generation, distributed generation, and central station natural gas resources when developing reasonable comparisons regarding the various attributes of each technology. Given the rapidly changing economics and capabilities of current technologies that have allowed Nevada to exceed the State’s mandated renewable portfolio standard (“RPS”), the Presiding Officer finds it necessary to request analyses related to these technologies to ensure the fullest consideration of resources in the planning process.

DOCUMENT REVIEW AND APPROVAL ROUTING

DRAFTED BY: DH

FINAL DRAFT ON 4/8/2016 AT 1:48 PM

REVIEWED & APPROVED BY: _____ DATE _____

ADMIN/ASST. (_____) _____ / /

COMM/COUNSEL DH for GW 4/8/2016

SECRETARY/ASST. SEC. _____ / /

OTHER (_____) _____ / /

3. Therefore, SPPC shall include, as a supplement to its Application to be filed on July 1, 2016, an analysis of the present worth of revenue requirement (“PWRR”), present worth of societal cost (“PWSC”), and economic impacts for a 100-megawatt (“MW”) net nameplate block (nameplate less parasitic load) for each of the following technologies/resources:

- a) photovoltaic (“PV”) distributed generation;
- b) PV distributed generation with equivalent sized storage;
- c) engine natural gas plant;
- d) large-scale wind;
- e) large-scale solar;
- f) large-scale solar with equivalent sized storage;
- g) large-scale geothermal;
- h) energy efficiency and conservation; and
- i) demand response.

4. The PWRR, PWSC, and economic impact for each resource’s 100-MW block must consider and include variables that add value or costs to SPPC’s electric system, including but not limited to any of the following:

- a) avoided/increased energy;
- b) net energy/line losses, utility integration and interconnection costs, and locational benefits/costs for voltage support;
- c) capacity/avoided capacity;
- d) ancillary services;
- e) changes to transmission and distribution capacity;
- f) avoided/increased criteria pollutant costs;

- g) avoided/increased carbon emission cost;
- h) fuel hedging; and
- i) diversity of resource and fuel supply.

5. The aforementioned variables must be known and measurable. They cannot be speculative or unquantified. SPPC shall list any additional variables used in the evaluation not already listed above.

6. The PWRR, PWSC, and economic impacts for each resource outlined above should be modeled assuming SPPC's Preferred Action Plan, and under the Base Fuel and Base Load input variables. However, future placeholder resources (beyond those resources for which approval is requested in the Preferred Action Plan) should be optimized, where appropriate, based upon the addition of each resource outlined above.

7. SPPC must also address how non-energy costs and benefits such as economic and environmental impacts should be evaluated across all technologies, including but not limited to employment, environmental, and public health benefits that can be attributed to a technology.

8. In addition to the results of the tests identified above, SPPC must provide testimony and exhibits describing the methods and data used in the analyses. The avoided cost of distribution should include any updates to the impacts identified in the study required by Section 2.7 of S.B. 374. (2015 Session of the Nevada Legislature).

THEREFORE, it is ORDERED that:

1. The procedural schedule set forth in paragraphs 3-8 are ADOPTED.

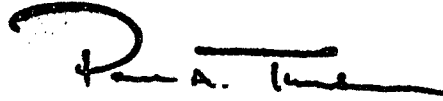
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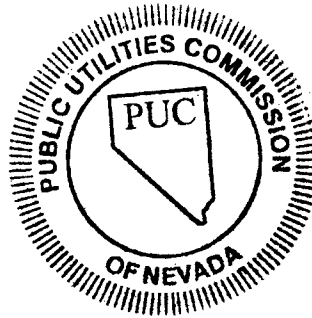
2. The Commission may correct any errors that have occurred in the drafting or issuance of this Order without further proceedings.

By the Commission,



PAUL A. THOMSEN,
Chairman and Presiding Officer

Attest: 
TRISHA OSBORNE
Assistant Commission Secretary



Dated: Carson City, Nevada

4-8-16

(SEAL)