

S.B. 146

Distributed Resources Planning

Assembly Commerce & Labor

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Rebecca Wagner
Wagner Strategies

Overview

- Integrated Resource Planning
- What is Distributed Resources Planning?
- Elements of S.B. 146

Integrated Resource Planning for Electric Utilities

- Comprehensive long-term planning process for meeting customer demand for electricity
- An Integrated Resource Plan (IRP) is comprised of many elements:
 - Energy supply plan
 - Load forecast
 - Supply plan
 - Demand-side plan
- An IRP analyzes multiple scenarios/sensitivities

IRP Process

- NV Energy's electric utilities file an IRP every three years and can amend the plan during the cycle
- The PUC can accept, reject or modify the IRP based on testimony provided during an evidentiary hearing
- The actions or investments accepted by the PUC are considered prudent investments

What is Distributed Resources Planning? (Why should you care?)

- The traditional electric grid is changing
 - Generation sources
 - Consumption patterns/behaviors
- To optimize benefits of resources on the distribution system, utilities should engage in a transparent planning process to evaluate and unlock cost-effective options for meeting consumer demands.

Distributed Resources (Sec. 1(6))

- Distributed generation systems
- Energy efficiency
- Energy Storage
- Electric Vehicles
- Demand-response technologies

Elements of S.B. 146

- Section 1 (5) amends NRS 704.741 to require the utility to include a distributed resources plan within its IRP
- Section 1 (5)(a-e) describes what the utility needs to evaluate, propose and identify for the distributed resources plan
- Section 2 (4)(b) amends NRS 704.751 to include the conditions under which the PUC may accept the plan

Changes to original bill

- Resource planning is complicated and time consuming for the utility, the PUC, and interveners. To address this, the original bill language was modified to:
 - Allow Nevada Power and Sierra Pacific to file a joint IRP (Section 1(1))
 - Incorporate the DRP into the IRP (Sections 1 & 3)
 - Provide the PUC with an additional 30 days to process the more comprehensive plan (Section 2)

Timeline for IRP/DRP

- June 1, 2018 – Combined IRP for NPC/SPPC
- April 1, 2019 – Initial Combined DRP
- June 1, 2021 – Integrated IRP/DRP for NPC/SPPC