

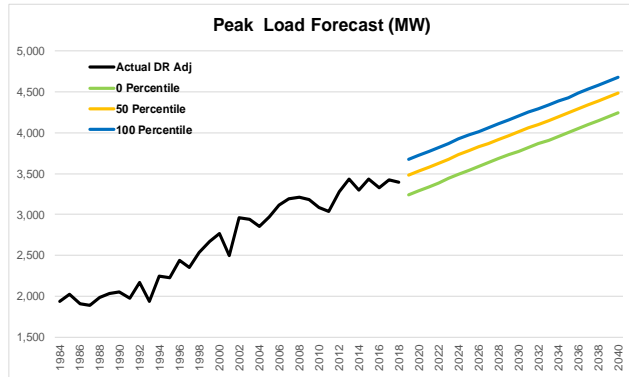


Modeling Scenarios Follow-up

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Integrated Resource Plan Construction



Optimized
Resource
Expansion



Preferred Portfolio
2021 IRP

Idaho Power 2021 IRP:



Long Term Capacity Expansion Scenarios for Discussion

Base Scenarios

Planning Conditions

- State RPS where applicable
- With and without Boardman to Hemingway (B2H)
- CSPP wind renewal assumption: 25% renew upon contract expiration

Large Industrial Load Growth w/ Renewables Offset

- Approx. 200 MW large load growth
- Approx. 900 MW additional renewables for existing/prospective customers for clean energy goals

Scenarios (adjusted from base)

Clean Energy Goal (Using Emissions Targets)

- Scenario 1: 2035 – IRPAC feedback (2030 to 80% clean)
- Scenario 2: 2045 – Modeling as linear emissions reduction last ten years of IRP horizon

Climate Change

- Increased hydro variability year over year
- High gas price (EIA low oil and gas supply)
- High load growth:
 - 0.50% WECC peak load growth adder
 - 70th percentile energy / 90th percentile peak load forecast for IPC

Electrification

- Building Electrification (Heating/Cooling)
- Transportation Electrification

CSPP Wind Renewal Assumption

- Scenario 1: 100%
- Scenario 2: 0%



Idaho Power 2021 IRP:

Sensitivities on Top Performing Portfolios

1. SWIP Transmission (Southwest Intertie Project North)
2. Additional B2H Capacity/Price
3. Coal Exit Dates
4. High Gas Price/High Carbon Price



Questions/Comments

Thank you!