

IGRAC #3



Date & time: 9/17/2025, 9:00 AM to 11:00 PM MT

Location: Microsoft Teams Meeting

Presenters: Ryan Denton, Kathleen Campbell, Zachary Sowards, Brian Robertson

In attendance: Bailey Steeves, Brian Robertson, Bruce Folsom, Chris Robbins, Darcy Neigum, Eric Wood, Jenny De Boer, Kathleen Campbell, Kimberly Loskot, Kristen Nieskens, Mark Sellers-Vaughn, Matt Hunter, Michael Parvinen, Rebecca Wildman, Russ Nishikawa, Ryan Denton, Seungjae Lee, Vicki Stephens, Zachary Sowards

Introduction

Brian Robertson, Manager of Supply Resource Planning, opened the meeting by welcoming and thanking stakeholders for participating in Intermountain's IRP Process. Brian then proceeded with introductions, the agenda, a safety moment, and a reminder of the stakeholder engagement goals.

Presentation #1 – Load Demand Curves (Ryan Denton)

- Ryan shared the key variables, and the methodology of how the load demand curves are calculated.
- Ryan described the reasons why load demand curves are important; mainly understanding capacity needs and storage management.
- Ryan then shared the load demand curves first and final year of the planning horizon, describing the growth and any potential shortfalls for Intermountain's total system as well as each area of interest (AOI).

Question: "What kind of sensitivity modeling is there around key variables"

Answer: Brian stated that Intermountain does a high and low growth as well as sensitivity modeling around 4 demand side management scenarios.

Presentation #2 – Distribution System Enhancements (Kathleen Campbell and Zachary Sowards)

- Kathleen and Zachary provided project needs for each AOI, describing timing, costs, and capacity gained for each project;
 - In 2027, Intermountain anticipates a Caldwell reinforcement and a New Plymouth gate upgrade to ensure 2030 growth projections are met.

- Canyon County, Central Ada, and Sun Valley showed no reinforcement needs as the recent upgrades from previous IRPs meet 2030 growth expectations.
- State Street and Idaho Falls AOIs anticipate upgrades to meet 2030 growth expectations.

Question: “Is there a target year for designing the distribution line?”

Answer: Kathleen responded that there are multiple factors that go into distribution system projects. There are limitations to which projects can be done but the target is to ensure there is enough capacity in the five year IRP planning horizon. It also depends on the type of project, for example, a compressor generally wants to be built to serve for ten to twenty years of growth.

Presentation #3 – IRP Optimization Model (Brian Robertson)

- Brian described the IRP Optimization Model (Plexos) and how it integrates all the elements of an IRP such as load demand curves, supply, transport, storage, demand side management, and distribution system modeling.
 - Transportation includes the maximum daily quantity, reservation charge, flow charge, and a fuel loss percentage rate.
 - As for storage, Intermountain has 30,377 dth per day from JP, 155,175 dth per day from Plymouth, and 70,144 dth per day from Clay Basin for a total of approximately 255,626 dth per day of off-system storage. Intermountain can also withdrawal 50,000 dth per day from Nampa and 5,500 dth per day from Rexburg.
 - Brian described how supply was modeled in a way that emulates real world supply purchasing.
 - Load Demand Curves are loaded into Plexos into demand areas.
- Brian reshared draft model results of the capacity shortfalls at each AOI and summarized recent and future upgrades.
- High level information on upstream transportation shortfall solutions was discussed.
- Brian then shared supply and storage annual and peak day preliminary results.

Question: “How does capacity needs of other states impact Intermountain?”

Answer: Brian stated that Intermountain has firm capacity rights on upstream pipelines, which means the pipelines are obligated to provide Intermountain that service.

The Meeting was Adjourned – Intermountain is focusing on the IRP narrative and aims to have a draft circulated by the end of October