

IGRAC #1



- Date & time:** 7/9/2025, 9:00 AM to 11:00 PM MT
- Location:** Microsoft Teams Meeting
- Presenters:** Brian Robertson, Ryan Denton, Jon Whiting
- In attendance:** Adam Bohrer, Bailey Steeves, Brian Robertson, Bruce Folsom, Chris Robbins, Darcy Neigum, Eric Wood, Jason Talford, Jon Whiting, Kathleen Campbell, Kristen Nieskens, Mark Sellers-Vaughn, Nicole Gyllenskog, Rebecca Wildman, Ryan Denton, Sean Keithly, Seungjae Lee, Teresa McKnight, Vicki Stephens, Zachary Sowards

Introduction

Brian Robertson, Supervisor of 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 – 2023 IRP Acknowledgement and IRP Recommendations (Brian Robertson)

- Recommendations
 - Company work with Staff to implement IRP reporting that includes system enhancement information
 - File that information within six months of a Commission order
 - Establish the practice of authorizing the Company's DSM avoided costs as part of IRP filings and authorize the DSM avoided costs associated with this filing

Comment: Jason Talford noted, for the third recommendation bullet point, that the Commissions findings in the order didn't direct for that to happen.

Presentation #2 – System Overview (Brian Robertson)

- Large Volume 47% Residential 34% Commercial 17%
- Areas of Interest
 - Canyon County
 - Central Ada County Lateral
 - North of State Street Lateral
 - Sun Valley Lateral
 - Idaho Falls Lateral

- All Other Customers

Presentation #3 – Economic Forecast (Ryan Denton)

- Stated the Company is utilizing Woods & Poole data for economic forecasts
- April 2020 saw a 10.3% decline due to pandemic
- Idaho's population increased 2.37% Year-over-year from 2021 to 2023
- Nonfarm employment is slowing down after an abnormally fast post-pandemic growing period
- Overall, Idaho is showing a lot of population and employment growth strength

Presentation #4 – Residential & Commercial Growth (Ryan Denton)

- Forecast inputs
 - Woods and Poole population and employment
 - Historical customer count
 - Intermountain performs Base, Low, and High forecasts
- ARIMA model with Fourier term

Question: “Why is household and employment used as explanatory variables over population and income?”

Answer: “Household and employment are direct impacts to residential and commercial customer counts, respectively. Population and Income are more of an indirect impact. For example, population could increase, however, if the number of people per household is also increasing, we may not see a similar rate of increase in customer counts.” – Ryan Denton and Brian Robertson

Presentation #5 – Heating Degree Days & Design Weather (Brian Robertson)

- Heating Degree Day based off 65 degrees
- 30-day rolling average of daily mean temperatures
- Design Degree Days model coldest temperature from Design Peak Day
- Peak Day modeled to occur Jan 15

Presentation #6 – Large Volume Customer Forecast (Jon Whiting)

- 152 large volume customers make up 49% of sales
- Minimum of 200,000 therms per contract year to be LVC
- Start with historic trends and add customer trends
- Forecasts broken out by classifications, segmentations, and location
- Intermountain performs Base, Low, and High forecasts

Presentation #7 – Load Demand Curves (Ryan Denton)

- Load Demand Curve = (Customer Forecast * HDD * Use Per Customer) – DSM + LV Forecast
- Preliminary Load Demand Curves for Total System and AOIs were provided

The Meeting was Adjourned – IGRAC #2 will be held on August 13, 2025 @ 9 AM MT