

Validation and Verification

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Ian McGetrick





Validation and Verification: The What

- **Validation**

- Defined as: “The action of checking or proving the validity or accuracy of something.”

- **Verification**

- Defined as: “The process of establishing the truth, accuracy, or validity of something.”



Validation and Verification: The How

Demand Response

Increase demand response at the beginning of the plan and determine if it results in a better portfolio.



Validation and Verification: The How

Energy Efficiency

Add EE bundles through the Action Plan Window and determine if that improves results.



Validation and Verification: The How

Natural Gas Units

Determine if replacing storage and renewables with natural gas results in a better performing portfolio.



Validation and Verification: The How

Bridger Natural Gas Conversion (Units 1 and 2)

Run the optimization with delayed natural gas conversion dates or no conversion.



Validation and Verification: The How

Bridger Coal Unit Exit Dates (Units 3 and 4)

Vary the exit dates.



Validation and Verification: The How

Solar

Replace some solar in the Action Plan Window with storage, gas or wind.



Validation and Verification: The How

Wind

Replace some wind in the Action Plan Window with storage, gas or solar.



Validation and Verification: The How

Storage

Replace storage with other flexible resource options.



Questions?