

# RPM Redevelopment Progress

## RFP Review

- RPM is cumbersome to use and lacks practical transparency.
- Running the current model involves numerous manual steps in addition to requiring users have advanced knowledge of subject matter and information technologies.
- Data preparation and management with the RPM is also cumbersome and time consuming.
- An important additional goal for the RPM redevelopment is to help facilitate the Council in making its analyses open and transparent.

## RPM Scope

The Council intends to use the redeveloped RPM software **in addition to other resource planning models and methods** to develop the Seventh Northwest Power Plan. Such other model uses may include the Council's GENESYS model to evaluate resource needs and perform adequacy analysis for regional energy and capacity. Similarly, the Council may use a flexibility metric and tools to analyze integration of variable generation from intermittent resources and power system balancing when developing the plan. These models and analyses will be used in addition to and **in coordination** with the redeveloped RPM.

## RPM Development

- Council Staff has been heavily involved in the redevelopment of RPM
  - Several in-person meetings to discuss functionality and scope
  - Testing intra-phase model versions
- Consultants to the Council have spent many hours reviewing redeveloped model

## RPM Timeline

- **Phase 1 was delivered early**
- **Navigant has already made significant progress for phase 2 including optimization and generation of the efficient frontier**
- **Council staff anticipates an on-time delivery of RPM that meets or exceeds the scope of the RFP**