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January 4, 2017

### **MEMORANDUM**

**TO: Power Committee**

**FROM: Chad Madron**

**SUBJECT: 2017 Work Plan Priorities**

### **BACKGROUND:**

**Presenter:** Chad Madron, Project Analyst, and Ben Kujala, Director of Power Planning

**Summary** This presentation is an update on Power Division 2017 work plan priorities. This update is intended to be a high level sampling of key projects and is not comprehensive.

**Relevance** The Power Division maintains a work plan tracking what division staff is doing to implement the Seventh Power Plan, maintain analytical capabilities and prepare for the Eighth Power Plan.

**Background:** Council Members were given a high level work plan for the division at the April 2016 meeting and the work plan was reviewed again in September 2016.

# Power Division 2017 Work Plan Priorities

## Division Work Tracking

- High Level Work Plan Categorizing Work Flow
- Detailed Division Work Plan
  - Maintained Often by Team Members/Chad
  - Reviewed Once a Month as a Team, with more Urgent Items Clearly Marked
  - Used to Set Dates and Deliverables, Kick Off Meetings, Other Planning and Collaboration
- Individual Teams have Granular Work Plans

## 2017 Priorities

### ☐ Energy Efficiency and Demand Response:

- Work with Northwest Energy Efficiency Leadership group to Discuss Exploring Rate Design Challenges and Opportunities in Public Power
- Study Developing an End-Use Conservation Model (RFP was sent out at end of 2016)
- Continue work with CRAC and others on Hard to Reach Markets (MCS-1)
- Continue to Explore Development of DR in the Region at DRAC Meetings in March and June

## 2017 Priorities

### ☐ Forecasting and Economic Analysis, and Generation Resources:

- Improve Long-Term Load Forecast for Emerging Markets
- Enhance Modeling of Electrification of Transport System
- Redevelop Council's Resource Revenue Requirements Model (Micro-Fin)
- Develop White Paper on Energy Storage in Coordination with GRAC
- Initiate Ocean Energy Emerging Tech Workgroup

## 2017 Priorities

### System Analysis and Cross Cutting Priorities

- Redevelopment of GENESYS
- Update of Adequacy Assessments
- Update the Value of Irrigated Water Diversions
- Redo of Climate Change Analysis from 7<sup>th</sup> Plan with updated data (Appendix M)
- Develop Report on Marginal Carbon Production