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Melinda S. Eden Oregon

Joan M. Dukes Oregon

September 24, 2009

MEMORANDUM

TO: Council Members

FROM: Terry Morlan

SUBJECT: Process for Getting to a Final Sixth Power Plan

Staff will brief the Council on the process for completing the Sixth Power Plan. In general, the steps include the following activities:

- 1. Updating forecasts and assumptions to reflect the latest data and information;
- 2. Making changes to the models and analysis to reflect comments received on the draft;
- 3. Rerunning the Council's models to include the results of 1 and 2 above, and to incorporate the resource strategy in the draft plan;
- 4. Updating chapters and appendices in response to comments and revised analysis;
- 5. Incorporating editing of the plan by Public Affairs;
- 6. Preparing additional materials describing and summarizing the plan such as Executive Summary, brochures, and presentations;
- 7. Preparing responses to comments.

We will describe this process and some of the changes that we can anticipate at this early stage.

Getting From the Draft to the Final Sixth Power Plan

Council Meeting Sun Valley, ID 10/8/2009





Major Steps

- Update key assumptions
- Model corrections and refinements
- Complete the analysis loop to improve internal consistency
- Refine chapters and complete editing
- Listen and respond to comments
- Put together final plan





Update Key Assumptions

- Natural gas and other fuel prices
- Economic forecasts
- Demand forecasts:
 - Region
 - Western US
- Generating resource assumptions
- Conservation and generating resource mix





Model Corrections and Refinements

- Test other types of peaking generators
- Direct use of natural gas
- Discount rate correction in RPM
- Treatment of renewables in RPM
- Conservation cost and availability uncertainty
- Demand response treatment





Another Loop of Analysis **Economic & Electricity Demand** Demographic **Forecasts** Industrial Residential Commercial Irrigation **Fuel Price Forecasts Electricity Efficiency Levels Price and** and Improvement Conservation Costs Levels **Supply - Demand Balance Resource Portfolio** Generating Resources and Costs **Resource Alternatives** (Amount Available and Cost)

Refining Writing

- Complete editing of Chapters and Appendices
- Change discussion and numbers to reflect revised analysis
- Renumber chapters to include 6a as a separate chapter
- Refine and complete appendices
- Reflect comment responses



Summary of Comments and Response to Comments

- Comments close on November 6
- Council is required to compile a summary of comments and responses
- To the extent response requires redoing the analysis, final may not be completed in December
 - We will try to anticipate comments based on hearings and other comments received early



