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July 30, 2009

MEMORANDUM

TO: Council Members

FROM: Gillian Charles

SUBJECT: Status of draft Sixth Plan Appendices

In coordination with the chapters, staff has been working on completing the draft appendices for the Sixth Power Plan. Council Members have seen many of these appendices in the multiple draft Sixth Plan binder updates.

This memo provides a status of each appendix as of July 30. Staff expects to have all appendices completed and available for the August Council Meeting, however the public affairs division will have edited only a handful by then.

Appendix A: Fuel Price Forecast

Status: Complete

Public Affairs: Incomplete

Staff worked with the Natural Gas Advisory Committee to develop the assumptions for the Fuel Price Forecast Appendix. A draft was released for public comment in October 2008 (see comments at: <http://www.nwcouncil.org/library/2008/2008-13.htm>). Staff responded to the comments and updated the appendix in December. Staff also presented the comments and changes to the Council at the November meeting.

Appendix B: Economic Forecast

Status: Complete

Public Affairs: Complete

Appendices B and C, the Economic and Demand Forecasts, were developed by staff with input from the Demand Forecast Advisory Committee. Both draft appendices were released for comment in February 2009 (see comments at: <http://www.nwcouncil.org/library/2009/2009-03.htm>), and updated by staff in March. Since then, staff has updated the appendices to reflect the revised forecast from Global Insights that better reflects the current recession. Council Members have seen Appendices B and C on multiple occasions, either through presentations at meetings, or updates to the draft binder.

Appendix C: Demand Forecast

Status: Complete

Public Affairs: Complete

See Appendix B for more information.

Appendix D: Wholesale and Retail Electricity Price Forecast

Status: In Progress

Appendix D is in progress and close to completion. Appendix D originally appeared as an interim wholesale electricity price forecast, presented to the Council and released for comment in November 2007 (see comments: <http://www.nwcouncil.org/library/2008/2008-05.htm>.) The paper was revised in March 2008, in response to public comment. In March 2009, the forecast was further revised to reflect new fuel price and demand forecasts. This appendix was originally developed by Maury Galbraith, and has since been picked up by multiple staff.

Appendix E: Conservation

Status: In Progress

Appendix E is very close to completion. This appendix primarily describes the assumptions and supply curves that went into the conservation assessment, with links to the underlying documents and databases online at:

<http://www.nwcouncil.org/energy/powerplan/6/supplycurves/default.htm>.

Appendix F: Model Conservation Standards

Status: Complete

Public Affairs: Incomplete

Appendix F is complete and was presented to the Council in May. As required by the Act, the Council is required to adopt “Model Conservation Standards” for new and existing buildings, utility and government programs, and other consumer actions as part of the Plan.

Appendix G: MCS Cost-effectiveness for Residences

Status: Complete

Public Affairs: Incomplete

Appendix G is complete. It describes the method and data used to evaluate the regional cost-effectiveness and consumer economic feasibility of the Council’s MCS for new electrically heated residential buildings.

Appendix H: Demand Response

Status: Complete

Public Affairs: Complete

Appendix H has been complete for some time. It was presented to the Power Committee during the April 9, 2009 web conference.

Appendix I: Generating Resources

Status: In Progress

Appendix I is currently in progress. It will provide detailed information on specific generating technologies and links to underlying databases.

Appendix J: Resource Portfolio Model

Status: In Progress

Appendix J is under development.

Appendix K: Smart Grid and New Approaches to Energy Acquisition

Status: Complete

Appendix K has been complete for some time. It was presented to the Power Committee during the April 9, 2009 web conference.

Appendix L: Global Climate Change Issues

Status: In Progress

Appendix L describes the physical impacts of climate change on river flows, reservoir elevations, and hydroelectric generation. It does not directly impact the Sixth Plan, however it describes ways in which this information can be utilized for future plans.

Appendix M: Fish and Wildlife Interactions

Status: In Progress

Appendix M has been a cooperative effort between the power, fish and wildlife, and legal divisions. After many revisions, it is now close to completion. Power Committee members were presented a previous version of Appendix M at the April 9 web conference, to which significant revisions have been made.

Appendix N: Financial Assumptions

Status: Complete

Public Affairs: Incomplete

Appendix N has been complete for some time. Originally this appendix was released as an issue paper and presented to the Council in April 2008. A revised appendix was presented to the Council at the April 9, 2009 web conference.

Appendix O: Direct Use of Natural Gas

Status: Incomplete

As is the case with Chapter 7, Appendix O is dependent on the work from the Council's contractor on the direct use of natural gas study. Once complete, this appendix will include the contractor's final report, along with links to the inputs and models used to derive the results.