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April 30, 2008

MEMORANDUM

TO: Power Committee

FROM: Ken Corum

SUBJECT: Demand Response Challenges for the Sixth Power Plan

The Council evaluated demand response for the first time in the Fifth Power Plan. Some of the issues that were identified at the time, such as uncertainty regarding the amount and cost of demand response that is available and questions about the proper method for evaluating the cost effectiveness of demand response, remain concerns as we develop the Sixth Power Plan, although we have increased our understanding of these issues in the meantime.

Since the Fifth Power Plan, we have gained experience in reducing peak loads in the summer through reductions in electricity use for air conditioning and irrigation, but we still have more to learn about the potential for demand response in the commercial and industrial sectors, and in other end uses. We still lack a consensus on clear guidelines for determining cost effectiveness of demand response measures and some discussions of demand response seem to lack distinction between the long run perspective and the short run.

In this presentation I will review the basic features and problems of demand response and describe the areas in which the Sixth Power Plan can make the greatest contribution to the regional discussion of demand response.



Demand Response in the 6th Power Plan

NW Power and Conservation Council Power Committee Walla Walla WA, May 13, 2008 Ken Corum

























