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May 22, 2009

MEMORANDUM

TO: Council Members

FROM: Terry Morlan

SUBJECT: Discussion of Scenarios and Sensitivities

We will summarize the results of the various scenarios staff designed to address specific issues raised by the Council, recommended by others, or expected to be of interest.

Several of the scenarios are intended to explore implications of climate change policies. Climate change explorations included: (1) A case without RPS requirements, but still with carbon cost risk, (2) a case with no carbon control policies, (3) a case that retires existing coal plants, (4) sensitivity tests of the effects of different carbon prices on CO2 emissions under the base plan and expected future conditions, (5) a case with known \$100 a ton carbon costs instead of uncertain carbon costs, and (6) a test of the value of protecting hydroelectric capability modeled as taking out the Lower Snake River dams.

Other scenarios include testing the effects of acquiring more or less conservation than the base case, testing the effects of plug-in-electric vehicles, and considering the effects of actual climate change.

Not all of these scenarios have been completed in time for the packet, but we will have results before the meeting unless we encounter unexpected problems.