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February 26, 2009

MEMORANDUM

TO: Power Committee

FROM: Ken Corum

SUBJECT: Draft of the demand response section of Chapter 5 of the Sixth Power Plan

This section of Chapter 5 describes the demand response assumptions for the draft Sixth Power Plan and the rationale behind them. The assumptions and rationale are the same as we discussed at the February Power Committee meeting.

The section devotes some space to explanation of the different problems encountered in estimating the available demand response, compared to the corresponding estimation of available conservation savings covered in the preceding section. An appendix to the draft plan will include a more detailed discussion.

Staff would appreciate any comments and suggestions you may have to make this as clear as possible to the multiple audiences we expect to read the Plan.











| Program | Max MW | Fixed cost | Var cost or hr/yr limit | Sum/Winter |
|----------------------------|---------|---------------------|----------------------------|-----------------------------------|
| DSG | 1000 | \$20-\$40 /kW-yr | \$175-300 /MWh | Both |
| AC DLC | 200 | \$60/kW-yr | Limit 100 hr/yr | Summer |
| Irrigation | 200-250 | \$50-60 /kW-yr | Limit 50 hr/yr | Summer |
| SH/WH DLC | 200 | \$100/kW-yr | Limit 50 hr/yr | Winter |
| Aggregators | 300 | \$80/kW-yr | \$150-200 /MWh | Both |
| Interruptible Contracts | 600 | \$90/kW-yr | Limit 40 hr/yr | Both |
| Demand Burnack | 400 | \$5-10 /kW-yr | \$150-\$300 /MWh | Both Power and Conservation |
| POWER PLAN | | | | |