



SOUTH FEATHER WATER & POWER

TO: Board of Directors

FROM: Kathy Petersen, Power Division Manager

DATE: November 16, 2005

RE: General Information (regarding matters not scheduled on agenda)
11/22/05 Board of Directors Meeting

Operations

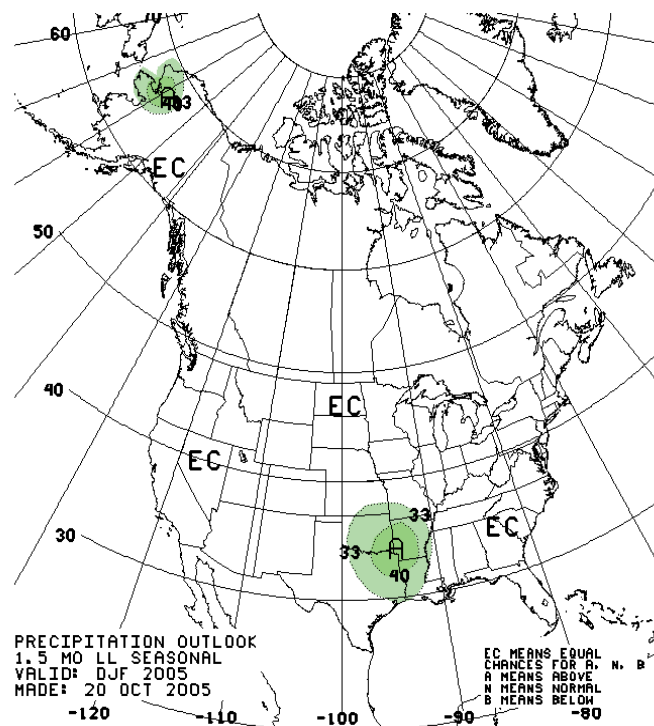
Attached for your information is the Storage and Generation Report for October 2005 and a chart showing precipitation accumulated to date. So far we are slightly behind the 80-year precipitation average. The National Weather Service forecast for the season ahead once again calls for "equal chances of above normal, below normal or normal precipitation" since it is what they call a "non-Niño" year.

We have adjusted the fish release at all reservoirs to the winter levels of 5 cfs (except at Slate Creek, where the release is 10 cfs year-round).

Maintenance Projects

Forbestown Powerhouse Outage

The Forbestown Powerhouse annual outage was completed November 10. Failure of the pressure relief valve to operate properly on testing caused us to extend the outage by two weeks. The crew tore the PRV down and rebuilt it, and it now works smoothly. However, we are still having problems with the wicket gates. These will be pulled for machining when we go into an extended 6-week outage starting February 6,



2006. PG&E's Technical and Engineering Services group set up instrumentation to help evaluate some of the problems we have with the wicket gate squeeze on unit shutdown. Those results should help pinpoint where to focus our attention during the next outage.

Woodleaf Slide Repair

Neil's Controlled Blasting mobilized on November 9 and has installed their safety barriers and storm water pollution prevention measures. They have removed the rock fences and vegetation above the slide area and have scaled a significant amount of the rock. The protective netting is in place, and the first drain hole will be drilled November 18. The piezometer hole (160 feet deep) will be drilled and the instruments installed during Thanksgiving week.

Little Grass Valley Spillway Repair and Staff Gauge Installation

Now that the Forbestown outage is finally complete, the crew has been hurrying to complete maintenance projects at Little Grass Valley before the snow flies. They made repairs to the broken concrete in the spillway, serviced the Howell-Bunger valve in the valve chamber, and installed new staff gauges that will be easier to read and access during inclement weather.

General Information

DSOD Inspection

The California Division of Safety of Dams inspected all nine of our dams on November 9 and 10. They were pleased with the level of ongoing maintenance and monitoring. They were especially complimentary of the effort by the Water Division crews to remove the vegetation from Lake Wyandotte Dam. We will have some follow-up work to complete to make sure all of the outlets valves are operable during the next year. They also requested that we have divers inspect the downstream toe and apron of Forbestown Diversion Dam.

Emergency Action Plan Distribution

The "new and improved" revised EAP binders were distributed to the federal, state and local emergency response agencies on November 1. These provide information to be used in the event of failures or emergencies at Little Grass Valley, Sly Creek, Lost Creek and Miners Ranch dams. We held an internal training session on the new EAP responsibilities for managers and supervisors on November 2. I have tentatively scheduled the "Tabletop" and "Functional" exercises with the Butte County Office of Emergency Services for February 7 and April 12, 2006, respectively.

**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT**

October 2005

STORAGE

| RESERVOIR | MAXIMUM CAPACITY | | STORAGE ON 10-31-05 | | STORAGE ON 10-31-04 | |
|----------------------|-------------------------|-----------|----------------------------|-----------|----------------------------|-----------|
| Little Grass Valley | 94,660 | AF | 51,956 | AF | 44,920 | AF |
| Sly Creek | 65,650 | AF | 28,093 | AF | 21,526 | AF |
| Lost Creek | 5,750 | AF | 4,915 | AF | 4,974 | AF |
| Forbestown Diversion | 358 | AF | 352 | AF | 294 | AF |
| Ponderosa | 4,750 | AF | 4,120 | AF | 4,200 | AF |
| Miners Ranch | 896 | AF | 673 | AF | 754 | AF |
| TOTAL | 172,064 | AF | 90,109 | AF | 76,668 | AF |
| Slate Creek Tunnel | 800 | CFS | N/A | CFS | N/A | CFS |
| South Fork Tunnel | 600 | CFS | 240 | CFS | 311 | CFS |
| Miners Ranch Canal | 303 | CFS | 50 | CFS | 268 | CFS |

MONTHLY NET GENERATION

| | FOR October 2005 | | YEAR TO DATE ON 10-31-05 | | YEAR TO DATE ON 10-31-04 | |
|------------------|-------------------------|-----|---------------------------------|-----|---------------------------------|-----|
| Woodleaf P.H. | 8,705,860 | KWH | 201,985,190 | KWH | 259,653,010 | KWH |
| Forbestown P.H. | 4,882,900 | KWH | 142,354,770 | KWH | 158,532,130 | KWH |
| Kelly Ridge P.H. | 3,444,782 | KWH | 67,674,322 | KWH | 73,277,627 | KWH |
| Sly Creek P.H. | 1,031,200 | KWH | 31,104,500 | KWH | 32,133,000 | KWH |

South Feather Power Project - Forbestown Precipitation

