



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Kathy Petersen, Power Division Manager

DATE: March 22, 2006

RE: General Information (regarding matters not scheduled on agenda)
3/28/06 Board of Directors Meeting

Operations

Attached for your information is the Storage and Generation Report for February 2006. Also attached is a chart showing the precipitation accumulated through March 21. By now I'm sure you're aware that we are having an above-average year for precipitation, and the recent colder storms have given us a good snow pack.

All of the reservoirs have spilled during the past two months, and we saw significant use of the tailwater depression units at Woodleaf Powerhouse during January and February. We closed the spill gates at Little Grass Valley Dam on March 20 and should completely fill the reservoir this year. We will be monitoring its rate of fill and will adjust the releases as necessary to keep from reaching the maximum too quickly. We are currently releasing about 80 cfs.

2005 Water Use

We filed the 2005 water rights progress reports documenting our consumptive water use. We are still filing the report for the water rights assigned to YCWD as well. Total use for the two districts was 25,092 acre-feet, with SFWPA accounting for 18,468 acre-feet of the total. This was our lowest use year since 2000, possibly due to the late wet spring we had last year.

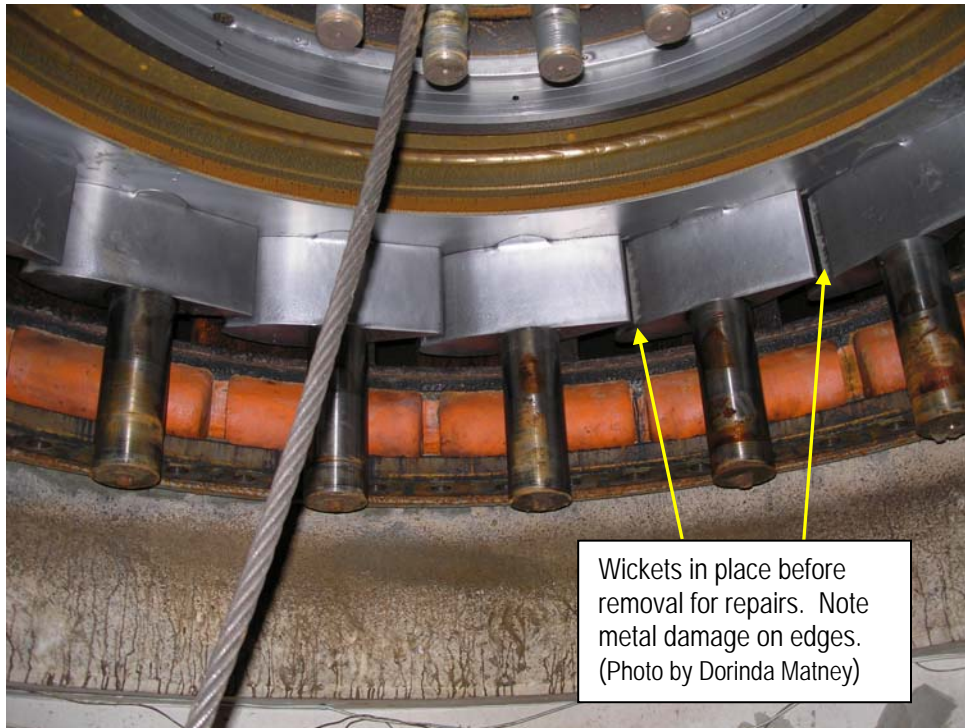
Forbestown 60-inch Valve Operation

On March 8 we exercised the 60-inch river valve on Forbestown Diversion Dam for DSOD. Because the valve had not been operated fully since the late-1980's, we obtained permits to cover the possible discharge of sediment from the valve to the river. We had conducted a partial opening test of the valve last August and no problems occurred. This time we opened the valve fully for about six hours with no noticeable changes to water quality. Stillwater Sciences was on hand to collect water samples.

Maintenance Projects

Forbestown Powerhouse – Runner and Wicket Repairs

The outage on Forbestown Powerhouse had to be extended beyond the planned six weeks due to the need to send all 18 of the wickets to Oakland for machining. The runner was also removed and brought to Forbestown Headquarters for welding repairs. The unit has been reassembled and testing is ongoing at this time. The powerhouse will be back on line by March 31, if not sooner.



Communications Tech Cabinet

I wanted to mention the fine work done by Tom Veurink in building a custom cabinet to fit the SUV used by Comm Tech Chuck Newman. The cabinet is used to contain all of the test and repair equipment in an easily accessible and safe manner. When we originally looked into purchasing a similar unit from a firm that sells them to fire and law enforcement agencies, we were given a quote of over \$8,000. Chuck gave Tom the specifications and drawings, and Tom produced the unit for about \$1,700 in materials.



General Information

The 2007 budget proposal is due to PG&E by April 21. I will be working with Mike to schedule a Hydro Committee meeting for mid-April to review and approve the proposed budget submittal. The budget proposal will also be part of my April Board Report.

**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT
February 2006**

STORAGE

| RESERVOIR | MAXIMUM CAPACITY | STORAGE ON 2-28-06 | STORAGE ON 2-28-05 |
|----------------------|-----------------------------|-------------------------------|-------------------------------|
| Little Grass Valley | 94,660 AF | 73,763 AF | 48,616 AF |
| Sly Creek | 65,650 AF | 58,392 AF | 24,889 AF |
| Lost Creek | 5,750 AF | 5,277 AF | 5,057 AF |
| Forbestown Diversion | 358 AF | 352 AF | 352 AF |
| Ponderosa | 4,750 AF | 4,467 AF | 4,200 AF |
| Miners Ranch | 896 AF | 740 AF | 762 AF |
| TOTAL | 172,064 AF | 142,991 AF | 83,876 AF |
| | | | |
| Slate Creek Tunnel | 800 CFS | 310 CFS | 258 CFS |
| South Fork Tunnel | 600 CFS | 510 CFS | 120 CFS |
| Miners Ranch Canal | 303 CFS | 267 CFS | 266 CFS |

MONTHLY NET GENERATION

| | FOR February 2006 | YEAR TO DATE ON 2-28-06 | YEAR TO DATE ON 2-28-05 |
|--|------------------------------|------------------------------------|------------------------------------|
|--|------------------------------|------------------------------------|------------------------------------|

South Feather Power Project - Forbestown Precipitation

