



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Kathy Petersen, Power Division Manager

DATE: November 19, 2008

RE: General Information (regarding matters not scheduled on agenda)
11/25/08 Board of Directors Meeting

Operations

Attached is the Storage and Generation Report for October 2008. Rainfall to date, measured at Forbestown Headquarters, is 7.72 inches, which is the same amount of precipitation that had fallen by the end of November last year. The rains have caused Little Grass Valley and Sly Creek reservoirs to accumulate storage above 60,000 acre-feet, so PG&E plans to generate with the project quite a bit in December in order to draw the reservoirs down to 50,000 acre-feet for the 2008 water transfer.

Maintenance Projects

Fall Outages

The Forbestown and Sly Creek outages have been deferred until 2009 in order to allow PG&E to use the system to move water in December. Woodleaf outage work, including installation of the new shaft seal and replacement of bearing cooling coils, was done in conjunction with the transformer replacement project.

Woodleaf Transformer and Circuit Breaker Replacement Project

By the time you meet, the work at Woodleaf should be nearing completion. A slight delay occurred with getting the transformer manufacturer on site to fill the transformer with oil and draw a vacuum. This was completed the weekend of November 15-16, and final work and testing are continuing as this report is being written.

Microwave Replacement Project

Global Tower Services, a subcontractor to PG&E, intended to begin work on the passive reflector at Pike County Peak on November 14. They are to form and pour a slab, after which they will install the reflector. However, they did not consider the slope on which they were working and, after finally visiting the site, discovered that the slab will need to be engineered, a process that could delay things another three weeks. In the meantime, Comm Tech Brian Howerton is working with PG&E to begin the cutover process from the 2 GHz band to the 6 GHz band. This requires that the SCADA and radios at each of the powerhouses be out of service for brief periods of time. Fortunately, timing this work while the project was shutdown for the Woodleaf transformer replacement means there was no impact to generation.

Little Grass Valley Dam – Spillway Clearing

A combined Water and Power Division crew cleared over 2,000 cubic yards of accumulated rock and soil from the upstream approach channel to the spillway at Little Grass Valley Dam. They finished this job in



one week, beating the weather that could have stopped work. This task was identified as necessary by the independent consultants who performed the dam-safety inspections in 2007 and 2008.

Miners Ranch Canal – Gunite Repairs

A PG&E crew worked with Agency employees to repair a section of the wall of Miners Ranch Conduit that had slipped due to water working its way behind wall. They placed new wire and gunite on a section the wall near the Enterprise Bridge.



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General Information

Draft Environmental Impact Statement (DEIS)

Mike will report on the status of the relicensing process, but I wanted to report that, based on an operational review of the DEIS, there is little in the FERC staff's recommendations that would impact future project operations beyond Agency-proposed conditions. Some operational recommendations, however, go beyond what our license application had proposed and will require additional expenditures for equipment (particularly at stream gauge sites); plus additional documentation and record keeping will be necessary.

Request for Bids – Forbestown Diversion Sediment Removal Project

A Request for Bids to remove sediment from in front of the Forbestown Powerhouse tunnel intake was sent to a list of 14 companies on November 13. A similar RFB was also sent out last winter, but the bids received at the time were much higher than the amount that had been budgeted for the project. A revised budget amount was added to the 2009 budget proposal submitted to PG&E, and the job is scheduled for completion by March 31, 2009. An agenda item for approval of a contract with the successful bidder should come before you in January.

**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT
October 2008
STORAGE**

RESERVOIR	MAXIMUM CAPACITY	STORAGE ON 10-31-08	STORAGE ON 10-31-07
Little Grass Valley	89,804 AF	38,359 AF	50,046 AF
Sly Creek	64,338 AF	19,739 AF	18,295 AF
Lost Creek	5,361 AF	4,012 AF	4,530 AF
Forbestown Diversion	352 AF	287 AF	303 AF
Ponderosa	4,178 AF	4,073 AF	4,241 AF
Miners Ranch	896 AF	795 AF	788 AF
TOTAL	164,929 AF	67,265 AF	78,203 AF
Slate Creek Tunnel	800 CFS	N/A CFS	N/A CFS
South Fork Tunnel	600 CFS	30 CFS	3 CFS
Miners Ranch Canal	303 CFS	51 CFS	39 CFS

MONTHLY NET GENERATION

	FOR October 2008	YEAR TO DATE ON 10-31-08	YEAR TO DATE ON 10-31-07
Woodleaf P.H.	9,228,940 KWH	158,114,810 KWH	148,560,850 KWH
Forbestown P.H.	5,292,570 KWH	92,003,300 KWH	86,197,840 KWH
Kelly Ridge P.H.	1,854,485 KWH	59,382,007 KWH	63,492,386 KWH
Sly Creek P.H.	625,200 KWH	19,401,600 KWH	17,551,200 KWH
TOTAL	17,001,195 KWH	328,901,717 KWH	315,802,276 KWH