



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Kathy Zancanella, Power Division Manager

DATE: December 15, 2009

RE: General Information (regarding matters not scheduled on agenda)
12/22/09 Board of Directors Meeting

Operations

Attached is the Storage and Generation Report for November 2009. Also attached is a chart showing precipitation to date. The storage in Little Grass Valley and Sly Creek reservoirs reached a combined total of 50,000 acre-feet and at least 10,000 acre-feet in excess of normal was spilled at Ponderosa Dam to Lake Oroville on December 11. This completed repaying the refill impact account to DWR for the 2008 water transfer. The release at Little Grass Valley was reduced to minimum on December 8.

The cold spell that began December 6 brought snow and ice to the hydroelectric project, but caused no serious problems. The Quincy - La Porte Road gate has been closed by Plumas County and access to Little Grass Valley is now by tracked snow vehicle only.



Maintenance Projects

Switchyard Cranks

The disconnect switches that are used to isolate equipment in the powerhouse switchyards are operated using hand cranks at the base of the metal bus work. Over time the bearings and worm gears in the crank mechanisms have become worn, so electrical machinists Jerry Littleton and Bob Cherry are in the process of rebuilding each of the mechanisms.

Ponderosa Dam Spill Gates

The crew replaced the old wire cables that operate the spill gates with new cables during early December, in response to a recommendation by the DSOD and FERC inspectors. The cables at Little Grass Valley were similarly replaced last year. Because the Sly Creek Dam spill gate will be replaced with a new type of gate in 2010, the old cables are adequate for another year.

Sly Creek Dam – Relocation of Reservoir Telemetry

In preparation for the dam crest modification project, the crew is installing a new orifice line along the left upstream side of the dam. The reservoir telemetry equipment will be located in the same building as the controls for the new spill gate, and now that the reservoir is at its lowest point for the year, it is a good opportunity to install the line into the deepest part of the impoundment.

General Information

Request for Proposals – Seismic and Geologic Investigations

The Request for Proposals for seismic and geologic investigations at Little Grass Valley and Miners Ranch dams has generated a fair amount of interest, judging from the number of phone calls received, and at least three firms have scheduled site visits. Responses are due January 7, 2010 and a recommendation for award of the consulting services contract should be presented for Board consideration at the January meeting.

Sly Creek Dam Crest Modification Project

Copies of the project plans, prepared by AECOM, will be available for review at the board meeting.

Happy New Year!



**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT
November 2009
STORAGE**

RESERVOIR	MAXIMUM CAPACITY	STORAGE ON 11-30-09	STORAGE ON 11-30-08
Little Grass Valley	89,804 AF	40,441 AF	38,842 AF
Sly Creek	64,338 AF	18,817 AF	18,698 AF
Lost Creek	5,361 AF	4,371 AF	4,373 AF
Forbestown Diversion	352 AF	310 AF	303 AF
Ponderosa	4,178 AF	3,517 AF	3,278 AF
Miners Ranch	896 AF	715 AF	762 AF
TOTAL	164,929 AF	68,171 AF	66,256 AF
Slate Creek Tunnel	800 CFS	N/A CFS	N/A CFS
South Fork Tunnel	600 CFS	122 CFS	29 CFS
Miners Ranch Canal	303 CFS	255 CFS	223 CFS

**MONTHLY NET GENERATION
FOR
November 2009**

	FOR November 2009	YEAR TO DATE ON 11-30-09	YEAR TO DATE ON 11-30-08
Woodleaf P.H.	26,600,350 KWH	209,900,630 KWH	163,551,420 KWH
Forbestown P.H.	14,942,870 KWH	123,493,120 KWH	93,797,930 KWH
Kelly Ridge P.H.	7,412,287 KWH	66,276,269 KWH	62,019,638 KWH
Sly Creek P.H.	3,156,200 KWH	30,533,200 KWH	20,022,900 KWH
TOTAL	52,111,707 KWH	430,203,219 KWH	339,391,888 KWH

South Feather Power Project - Forbestown Precipitation

