



## *SOUTH FEATHER WATER & POWER AGENCY*

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**TO:** Board of Directors

**FROM:** Kathy Zancanella, Power Division Manager

**DATE:** August 18, 2009

**RE:** General Information (regarding matters not scheduled on agenda)  
August 25, 2009 Board of Directors Meeting

### **Operations**

Attached for is the Storage and Generation Report for July 2009. Also attached is a chart showing reservoir levels. The draft from Little Grass Valley was increased from the minimum required flow to 100 cfs on August 3, and was increased again to 250 cfs on August 17. Prior to the start of the higher flows on August 17, the reservoir water surface level was only 6 feet below maximum.

PG&E plans to move approximately 20,000 acre-feet from Little Grass Valley in September and flows will be set at 300 cfs beginning September 2. This means that "boatable" flows will be available in the SF Feather River between Little Grass Valley and South Fork Diversion throughout the month of September. The Butte and Plumas County sheriffs, Plumas National Forest and Butte County/CDF fire were notified of the flow releases in the event they are called for rescue or medical aid by kayakers. The Dreamflows and American Whitewater websites also have information about the flows.

### Unusual Weather

An "unseasonable" low pressure system brought wind and rain to the upper portions of the South Feather watershed on August 6, 2009. Shortly after lunch, about 0.04 inch of rain fell during a two-hour period at Forbestown headquarters and 0.25 inch of rain fell at LaPorte. Naturally, this was while the roof of the Forbestown office building was being removed (see below).

### **Maintenance Projects**

#### Headquarters Roof

On August 4, Bob Cherry and Denny Lewis, assisted by others from time to time, began tearing off the old roof of the Forbestown office building in preparation for installation of a new metal roof. The old roof was metal with about two inches of foam insulation covering it. While the foam helped provide some insulation

for the building, it did not shed snow well and was beginning to look ratty. To compensate for the loss of roof insulation, blown-in insulation will be added to the attic when the roofing job is complete. About half of the roofing material had been removed when the August 6 thunderstorm hit; fortunately the crew had installed plastic sheeting before the first cloudburst came.



### Little Grass Valley Dam

A number of small jobs have been completed at Little Grass Valley. The old "manometer shack" which formerly housed the reservoir gauging equipment was removed from the shore northeast of the spillway. The conduits to the valve chamber were covered and an old unused conduit was removed. Joe Gibson also did some earth work near the generator building in preparation for improving the trail to the valve chamber access tunnel.

The Plumas County public works department has been using the material our crews excavated from the spillway last fall to do a significant amount of roadwork near the dam. They have been screening the dirt and rock to make suitable material for the road between the end of the pavement and the dam.

### **General Information**

#### FERC and DSOD Inspection

FERC scheduled its annual operations inspection for August 11-13, and I invited DSOD to conduct its inspection at the same time as the inspectors were looking at most of the same facilities. Alex Brown spent all three days with the inspectors and John Davis and I also took turns joining them throughout the inspections. On-going vegetation management on the dams was about the only concern the inspectors raised. They were pleased that items noted on previous inspections had been taken care of during the past year. FERC's security program continues to evolve and additional paperwork and possibly additional exercises will be required beginning in 2010.

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

<b>RESERVOIR</b>	<b>MAXIMUM CAPACITY</b>	<b>STORAGE ON 7-31-09</b>	<b>STORAGE ON 7-31-08</b>
Little Grass Valley	89,804 AF	82,887 AF	68,074 AF
Sly Creek	64,338 AF	39,682 AF	36,877 AF
Lost Creek	5,361 AF	4,956 AF	5,011 AF
Forbestown Diversion	352 AF	316 AF	320 AF
Ponderosa	4,178 AF	3,472 AF	3,523 AF
Miners Ranch	896 AF	735 AF	743 AF
<b>TOTAL</b>	<b>164,929 AF</b>	<b>132,048 AF</b>	<b>114,548 AF</b>
Slate Creek Tunnel	800 CFS	N/A CFS	N/A CFS
South Fork Tunnel	600 CFS	13 CFS	137 CFS
Miners Ranch Canal	303 CFS	241 CFS	257 CFS

**MONTHLY NET GENERATION  
FOR  
July 2009**

	<b>FOR July 2009</b>	<b>YEAR TO DATE ON 7-31-09</b>	<b>YEAR TO DATE ON 7-31-08</b>
Woodleaf P.H.	18,674,510 KWH	132,018,660 KWH	103,544,750 KWH
Forbestown P.H.	10,176,270 KWH	81,358,710 KWH	62,047,200 KWH
Kelly Ridge P.H.	7,230,123 KWH	42,890,496 KWH	43,338,208 KWH
Sly Creek P.H.	3,267,200 KWH	20,037,900 KWH	13,353,100 KWH
<b>TOTAL</b>	<b>39,348,103 KWH</b>	<b>276,305,766 KWH</b>	<b>222,283,258 KWH</b>

# Sly Creek Storage

