



## *SOUTH FEATHER WATER & POWER AGENCY*

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**TO:** Board of Directors

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

**DATE:** January 20, 2010

**RE:** General Information (regarding matters not scheduled on agenda)  
1/26/10 Board of Directors Meeting

### Operations

Attached is the Storage and Generation Report for December 2009. Annual generation was greater in 2009 than in 2008. Also attached is a chart showing precipitation as of January 19, 2010. The current storm series are bringing totals closer to average. As the elevation in Lake Oroville dropped, scour cleaned out the area upstream and downstream of the old Enterprise Dam (photo courtesy of John Davis). Lake Oroville has since turned around and is refilling.



### 2008 Water Transfer (continued)

As you know, the water transfer to the State Water Contracting agencies was completed in 2008. When the reservoirs refilled in the spring of 2009, they did so at a time when Lake Oroville was not in flood operations, so the Agency's understanding of the DWR refill criteria was that it needed to release an additional 10,000 AF during the summer and fall to Lake Oroville and draw Little Grass Valley and Sly Creek down to 50,000 AF combined end of year storage again, repaying the Refill Impact Account. A letter describing the proposed operations was sent to DWR in April 2009 and since no response was ever received to indicate DWR disagreed, PG&E operated the project throughout 2009 to again draw the reservoirs to 50,000 AF and spill 10,000 AF over the amount proposed under PG&E's base-case operating plan.

During a conference call on January 14, 2010, DWR staff informed me that their understanding of the agreement was that unless Lake Oroville went into flood operations, the Agency could not repay the Refill Impact Account. I pointed out that this interpretation conflicted with language that the repayment occur within 12 months from the time an impact was determined. I also noted that they had failed to inform the Agency that they disagreed with the operating plan submitted to them in April 2009.

### 2010 Water Transfer

The petitions for a transfer to San Diego County Water Authority in 2010 were filed with the State Water Resources Control Board on December 22, 2009. SWRCB staff notified me that they are working on the petitions and that the next step will be the public notice and comment period.

### **Maintenance Projects**

#### Winter Outages

PG&E requested that the outages scheduled for this spring be started sooner to take advantage of the low water conditions. The annual two-week outage on Forbestown Powerhouse will begin February 1 and the Sly Creek annual outage will start on March 1.

#### Sly Creek Dam Crest Modification Project

The current schedule provided by AECOM for the Sly Creek Dam crest modification project is as follows:

- January 22 - Advertise bid package
- February 11 or 12 – Hold pre-bid meeting and job walk
- February 26 – Receive bids
- March 12 – Award contract and Notice to Proceed, begin 60-day submittals
- May 15 – Start construction

Because the bids will be received after your regular February meeting and the contract should be awarded before the regular March meeting, a Special Board Meeting will need to be held for approval of the contract award. *At this time, please plan to attend a Special Board Meeting on Monday, March 8.*

### **General Information**

#### WREGIS Registration

One of the requirements under the new PG&E contract is that Sly Creek and Kelly Ridge powerhouses be registered with the Western Renewable Energy Generation Information System (WREGIS), which is the mechanism for tracking the exchange of renewable energy credits. An online registration account has been set up and Mike signed an Acceptance of Terms of Use Agreement, which was submitted along with a \$1,500 application fee. Once the submittals have been reviewed and accepted, the next step will be registration of the individual units and establishment of "Forward Certificate Transfers" within the system so that PG&E receives credit for the renewable energy produced by the powerhouses.

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

<b>RESERVOIR</b>	<b>MAXIMUM CAPACITY</b>	<b>STORAGE ON 12-31-09</b>	<b>STORAGE ON 12-31-08</b>
Little Grass Valley	89,804 AF	39,474 AF	38,201 AF
Sly Creek	64,338 AF	9,703 AF	11,032 AF
Lost Creek	5,361 AF	4,018 AF	4,500 AF
Forbestown Diversion	352 AF	303 AF	303 AF
Ponderosa	4,178 AF	3,201 AF	3,319 AF
Miners Ranch	896 AF	732 AF	797 AF
<b>TOTAL</b>	<b>164,929 AF</b>	<b>57,431 AF</b>	<b>58,152 AF</b>
Slate Creek Tunnel	800 CFS	20 CFS	18 CFS
South Fork Tunnel	600 CFS	14 CFS	34 CFS
Miners Ranch Canal	303 CFS	153 CFS	99 CFS

**MONTHLY NET GENERATION**

	<b>FOR December 2009</b>	<b>YEAR TO DATE ON 12-31-09</b>	<b>YEAR TO DATE ON 12-31-08</b>
Woodleaf P.H.	19,889,330 KWH	229,789,960 KWH	177,660,490 KWH
Forbestown P.H.	10,804,790 KWH	134,297,910 KWH	101,213,660 KWH
Kelly Ridge P.H.	6,108,859 KWH	72,385,128 KWH	68,639,744 KWH
Sly Creek P.H.	1,674,600 KWH	32,207,800 KWH	21,196,400 KWH
<b>TOTAL</b>	<b>38,477,579 KWH</b>	<b>468,680,798 KWH</b>	<b>368,710,294 KWH</b>

### South Feather Power Project - Forbestown Precipitation

