



## ***SOUTH FEATHER WATER & POWER***

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**TO: Board of Directors**

**FROM: Matt Colwell, Water Division Manager**

**DATE: February 24, 2005**

**RE: General Information (regarding matters not scheduled on agenda)**

### **Distribution Operations**

**Water Division staff** have been accomplishing water distribution system maintenance and betterment projects including new service installations, leak repairs and MRTP filter #3 replacement. Rebuilding filter #3 includes the process of evacuating the old filter media as shown in figure 1. Replacement of new filter media is currently in progress.

The New Office Building is a priority project and will continue to have dedicated staff to the project. Figure 2 shows the new installation of the 6" fire service including the backflow devices.



**M RTP Clear-well Cover:** Temcor has completed all major installation of the clearwell cover. Installation inspection has identified minor additional tasks to be completed prior to the release of the final 10 percent payment of \$61,000.



**Miners Ranch Canal Station 3:** Staff has been repairing the erosion of the Station 3 spillway. The project has involved the placement of 2000 tons of quarry rock and the placement of 2-3 foot riprap boulders for the spillway alignment.

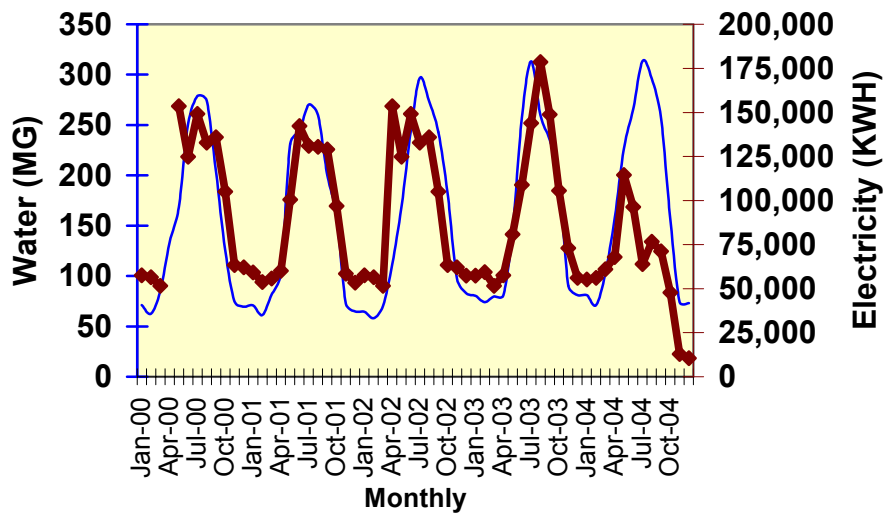


**Leaks:** During the month of January, two service line leaks and three main line leaks were repaired. Three new meters and three backflow devices were installed.

### Water Treatment Operations

**Solar Plant Production:** The attached graph provides a perspective of historical energy consumption compared to water production. The cumulative monthly savings is currently estimated at over \$90,000.

**Miner Ranch Treatment Plant  
Monthly Water Production versus KWH Purchased**



**Water Plant Production:** All bacteriological requirements were met for the Miners Ranch Treatment Plant, Bangor Treatment Plant, and Community Line System. On March 4th we will stop feeding bleach at our Community Line station. The automated backwash screening of the water will continue.

Miners Ranch		December 2004	
Total		75.2 Million Gallons	
High		3.0 MGD	
Low		1.9 MGD	
Avg.		2.4 MGD	
Bangor			
Total		0.27 Million Gallons	
High		0.03 MGD	
Low		0.00 MGD	
Avg.		0.02 MGD	
Community			
Total		1.4 Million Gallons	
High		0.05 MGD	
Low		0.04 MGD	
Avg.		0.05 MGD	