



SOUTH FEATHER WATER & POWER

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: April 26, 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 office construction, service installations, leak repairs, and irrigation and domestic distribution system betterments.

Figure 1. Shows the irrigation system improvements at the Bangor siphon tower outlet correcting the damaged siphon structure. This new operational control location will regulate upstream head pressure needed for the Bangor Treatment Plant and downstream flow demands. This improvement should eliminate the need for the tower and associated hazards.

Leaks: During the month of March, ten service line leaks and two main line leaks were repaired. Fourteen new meters and backflow devices were installed.



Water Treatment Operations

Solar Plant

Production: The attached graph provides a perspective of historical energy consumption compared to water production. Please note the March-05 energy demand has been exceeded and the solar plant **generated** 2700 KWH (negative demand).

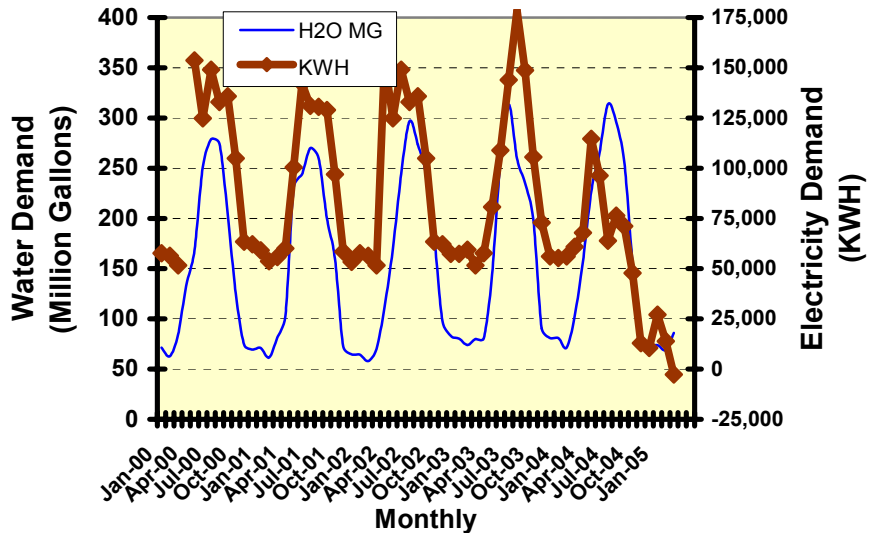
Water Plant

Operations:

I would like to welcome Rex Carbah as our new T3 operator and to recognize Steve Owsley for his contribution to the efficient operations at MRTP for 12 years. We wish him well at the Power Division as a Hydro Operator-in-Training.

Water Plant Production: All bacteriological requirements were met for the Miners Ranch Treatment Plant and Bangor Treatment Plant.

**Miners Ranch Water Treatment Plant
Monthly Water Production VS: KWH
Purchased**



Miners Ranch		March 2005	
Total		86.5 Million Gallons	
High		3.6 MGD	
Low		2.3 MGD	
Avg.		2.8 MGD	
Bangor			
Total		0.23 Million Gallons	
High		0.03 MGD	
Low		0.00 MGD	
Avg.		0.02 MGD	