



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: September 17, 2008

RE: General Information (regarding matters not scheduled on agenda)
9/26/08 Board of Directors Meeting

Distribution Operations

Water Division staff have been accomplishing water system maintenance and normal operations tasks. Ongoing projects include irrigation and domestic distribution system betterments, new service installations, and leak repairs.

It is anticipated that the 2008 irrigation season will be concluded on October 15, 2008 in coordination with the North Yuba Water District end-of-irrigation. At that time the Forbestown Ditch operations will be redirected from distribution-system operation to maintenance activities.

The Kelly Ridge Mainline Interconnector Project is planned to begin later this month or early October. The project consists of approximately 2,000' of 12" transmission mainline that will interconnect the mainline from MRTP/ Million Gallon Tank (MGT) to an existing mainline in Olive Highway. This project will increase the pumping efficiency at MRTP by reducing the required pumping head to move water to the MGT and reducing the need for supplemental pump operations during peak demand periods. This project will also provide a looped mainline feed to the lower half of the MGT service area which experiences significant capacity limitations during peak demand periods. The total project budget is estimated at \$123,000 (\$40,000 labor and \$83,000 materials and equipment) and will be funded from dedicated system capacity funds, as budgeted.

Water Treatment Operations

I am anticipating that June's 10.5 MGD maximum daily demand at MRTP was the apex for the 2008 season and that, as in August, peak demand will be less for the remainder of the season. June's peak is approximately 72% of the 14.4 MGD plant capacity, and is considerably less than respective peak demands in recent years.

Miners Ranch Production	August 2008
Total	277.1 Million Gallons
High	9.9 MGD
Low	8.1 MGD
Avg.	9.0 MGD

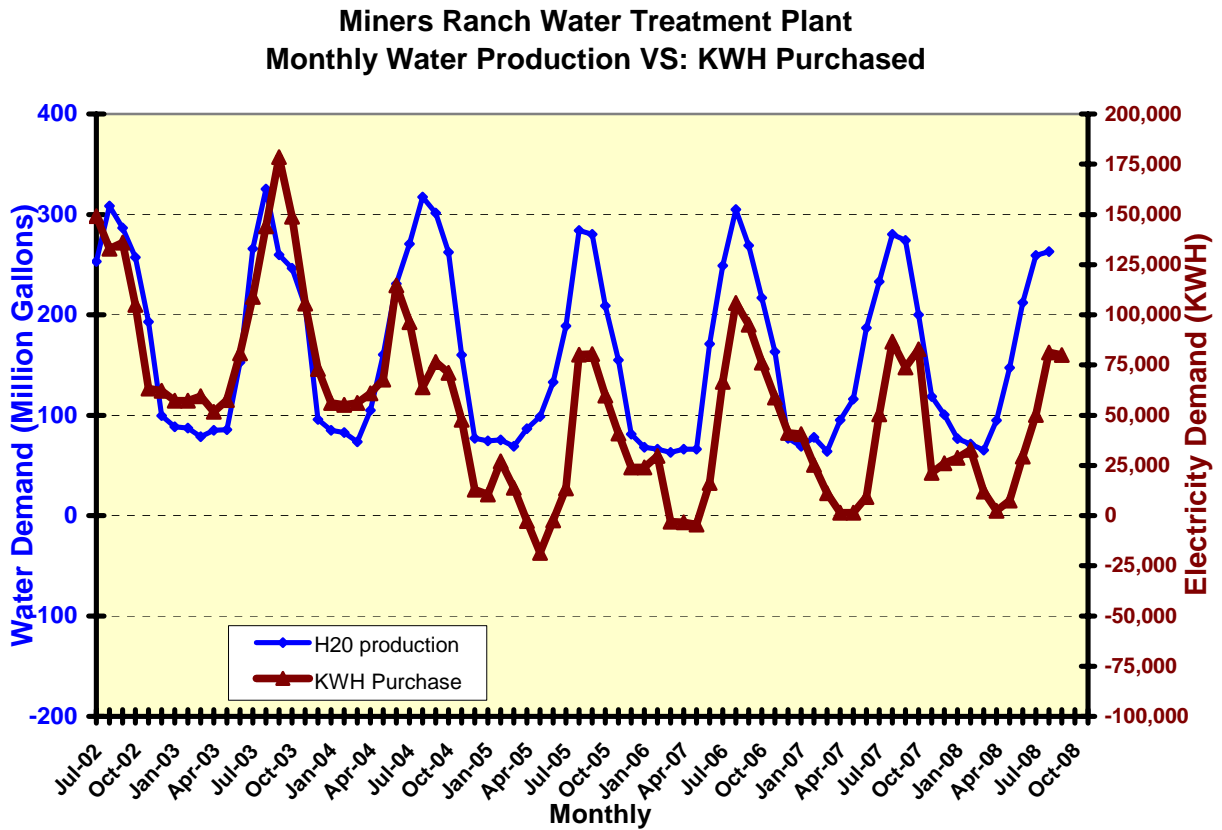
The August MRTP production was near average. The MRTP water-production graph at the end of this report shows the continued above-average cumulative trend.

The completed installation of three new flow meters has changed and enhanced the measuring of MRTTP raw water flows from intake pumps. The flow measurements appear to have improved accuracies and provided a more steady output signal. The outputs are utilized to pace chemical feed rates and will make switching from conventional to in-line (winter to summer) plant operations easier.

All bacteriological requirements were met for the Miners Ranch Treatment Plant, Bangor Treatment Plant, Strawberry Campground and Sly Creek Campground.

Solar Plant Production

The graph below provides a perspective of energy consumption compared to water production.



M RTP Total Annual Water Production

