



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: November 19, 2009

RE: General Information (regarding matters not scheduled on agenda)
11/24/09 Board of Directors Meeting

Water Distribution Operations

Water distribution and water treatment crews have been performing storage facilities maintenance including inspection and painting. The picture at right shows Rob Wilcox, treatment plant operator, "walking the liner fold" of ID#2 storage pond. The surface hypalon fold acts as a drainage channel to shed storm water. Thirty years of exposure to weather and the sun has caused the treated-water cover to become a hazard for potential external contamination. It has been determined that the surface cover needs replacement and is proposed in the 2010 budget at an estimated cost of \$250,000. Also, included in the proposed 2010 budget, is the inspection by divers to determine the condition of the bottom liner at ID#2 and of other storage sites. The expectation is that the bottom liner (also 30 years old) will be in satisfactory condition for continued service until a complete new storage facility (tank) is required and/or fundable.



Water distribution crews have also been performing routine ditch maintenance. Recently we have been focusing on the Forbestown ditch. Mike will report on some specific maintenance projects at the Hell-For-Stout Flume.

The Irrigation system current releases are:	Forbestown Ditch	SF 14 = 0 cfs
		SFWPA = 0 cfs
		NYWD = 0 cfs
	Bangor Canal	SF 25 = 6 cfs
	Palermo Canal	= 2 cfs

Water Treatment Operations

Water treatment staff have been participating in field trips, conferences, and training classes to continue to learn about and implement improved and innovative water operations and water quality control functions. Jim Coffelt and John Shipman provided the picture at right showing redundant ultra violet contactors for disinfection purposes installed in 12-inch finished water pipeline at North Tahoe Public Utilities District. This technology is currently being proposed for the MRTP expansion project.



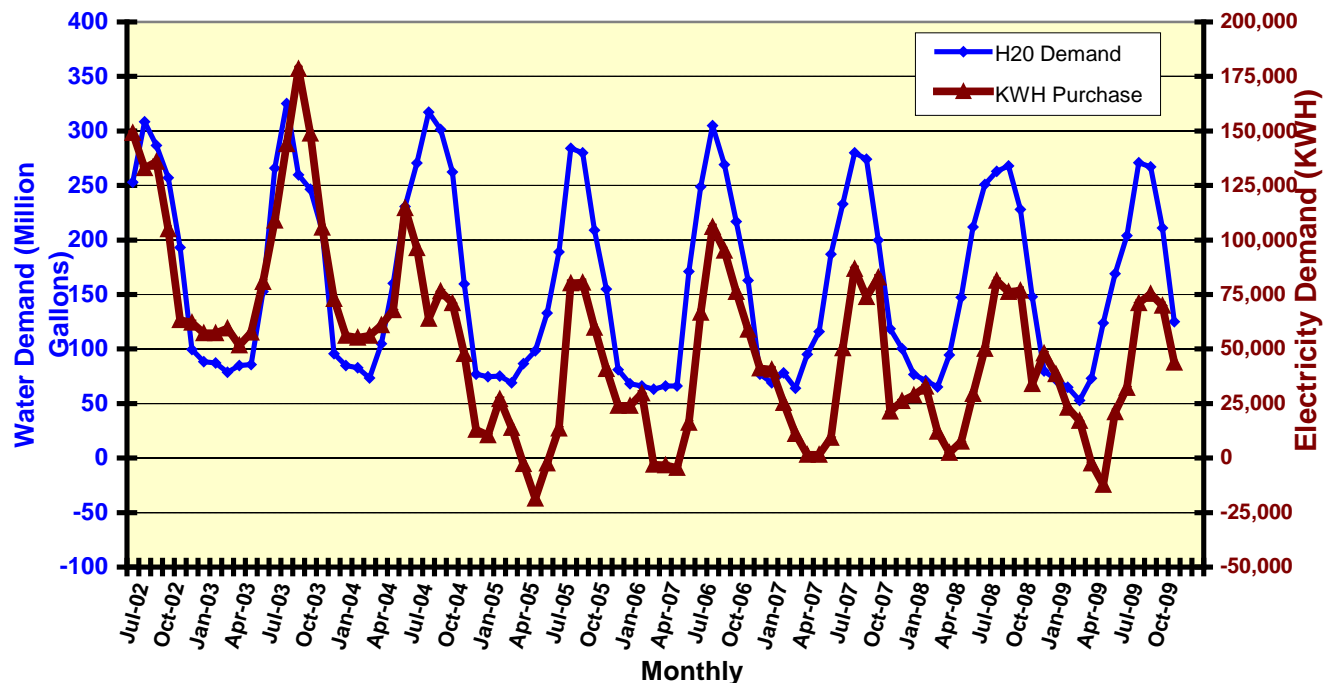
The 2009 cumulative MRTP water production through October is approximately 96% of the recent five-year average. The total monthly water production for October was at approximately 89% of the recent five-year average.

Miners Ranch Production	
Total	133.8 Million Gallons
High	6.5 MGD
Low	2.4 MGD
Avg.	4.3 MGD

Solar Plant Production

The monthly MRTP power consumption exceeded the solar power production by 43,800 KWH during the month of October. The graph below provides a historical perspective of energy consumption compared to water production.

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



M RTP Total Annual Water Production

