



## *SOUTH FEATHER WATER & POWER AGENCY*

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TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: December 14, 2009

RE: General Information (regarding matters not scheduled on agenda)  
12/22/09 Board of Directors Meeting

### Water Distribution Operations

Distribution crews have been concentrating on isolation and pressure-reducing valve (PRV) maintenance activities. The Kelly Ridge distribution system has historically been problematic and recent efforts have identified undocumented and inadvertently closed valves. The Agency operates and maintains 18 pressure-reducing stations and maintenance activities include upgrading the control valve plumbing and rebuilding the valve body diaphragm assemblies. The photo at right shows the high-flow and low-flow PRV assemblies and related control plumbing.



The Agency irrigation system current releases are:

<b>Forbestown Ditch</b>	SF 14 = 8 cfs
	SFWPA = 0 cfs
	NYWD = 8 cfs
<b>Bangor Canal</b>	SF 25 = 6 cfs
<b>Palermo Canal</b>	= 2 cfs

NYWD is experiencing an unseasonably high demand as a result of purported leaks caused by recent freezing temperatures.

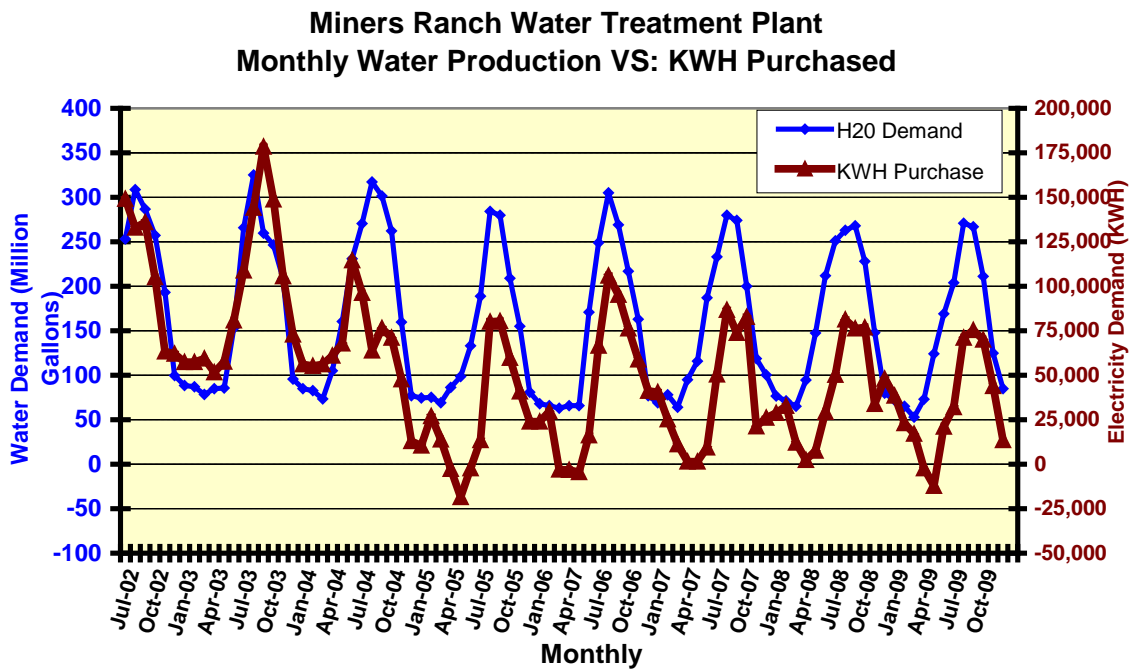
## Water Treatment Operations

The 2009 cumulative MRTP water production through November is approximately 96% of the recent 5 year average. The total monthly water production for November was slightly above average.

Miners Ranch Production	
November 2009	
Total	90.7 Million Gallons
High	4.6 MGD
Low	2.4 MGD
Avg.	3.0 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.



Happy Holiday Cheer!

### M RTP Total Annual Water Production

