



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: November 19, 2008

RE: General Information (regarding matters not scheduled on agenda)
11/25/08 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, leak repairs and assisting with power division projects.



The 2000 foot, 12 inch, system capacity funded, Kelly Ridge interconnector pipeline project is near completion. The project which interconnects the Kelly Ridge area with an existing 12 inch mainline along Olive Highway will reduce the distribution system flow constraints resulting in reduced pumping constrictions and reduced energy consumption and costs.



Staff assisted Power Division to do patching maintenance on Miners Ranch Canal and excavation of Little Grass reservoir spillway.



Water Treatment Operations

The October MRTP production was near average for the recent 5 year period. The MRTP cumulative water production graph at the end of this report shows the continued above average trend and the potential to set a new maximum annual cumulative total, exceeding 1997.

Miners Ranch Production		October 2008	
Total		156.5 Million Gallons	
High		6.4 MGD	
Low		3.5 MGD	
Avg.		5.0 MGD	

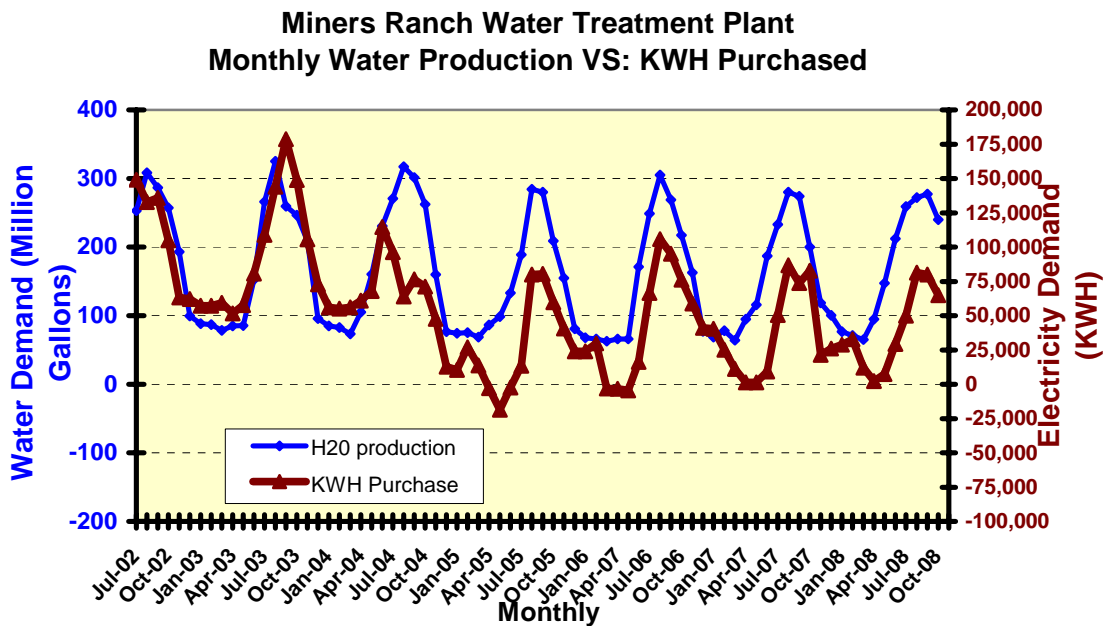
Solar Plant Production

Thursday night, October 30th, the MRTP photovoltaic system was vandalized. Thieves pulled approximately one-third (2,000 feet) of the underground copper wire for the purpose of selling it as salvage. Coincidentally, the MRTP lead operator physically was checking on the plant's status around 10 pm and likely fouled the thieves' plan to haul the wire away. The next day the lead operator, while inspecting the system, found and reported the vandalism. The Sheriff's office was notified, as well as SPG (warranty administrator). SPG asked for the remainder of the system to be shut down until an inspection could be done. On November 7th the balance of the system was turned back on at 60% capacity. SPG estimates a cost of \$10,340 to repair the damage, and the General Manager authorized that work to be done as soon as possible.



Unlike most thefts of this nature, SFWPA will at least get the wire's salvage value (approximately \$1,000) due to the fact that the thieves were scared away and left the fruit of their labor lying on the ground.

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



M RTP Total Annual Water Production

