



## ***SOUTH FEATHER WATER & POWER AGENCY***

---

**TO:** Board of Directors

**FROM:** Matt Colwell, Water Division Manager

**DATE:** January 16, 2008

**RE:** General Information (regarding matters not scheduled on agenda)  
1/22/08 Board of Directors Meeting

### **Distribution Operations**

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

On Saturday, December 29, 2007 at approximately 4:00 pm, a 16" water main near Glen Drive and Oro-Dam Blvd broke and discharged approximately 0.5 million gallons before the mainline could be shut down. Standby crews were quickly overwhelmed with phone calls from customers out of water. Within hours the distribution grid was functioning again except for three customers who were out of water until approximately 7:00pm. Jeff Fridrich, Rick McCoullough, Dennis Vincelet, Rick Broderson, and Zenaido Martinez were called in to work and efficiently restored the system. Bacteria analysis was performed by the MRTTP operators.



The cause of the problem appears to have been excessive stress loading on the pipe due to soil bedding and alignment issues. I commend our staff for being adequately prepared and available for these types of emergencies.

### **January 4, 2008 Wind Storm**

It appears that much of the water distribution system was not seriously impacted by the damaging winds experienced on Friday, January 4. Distribution crews are still investigating and clearing the irrigation conveyance system. Crews have removed and chipped many downed trees and debris in and along the ditch system. The Miners Ranch Water Treatment Plant experienced minor damage. Denny Lewis (Power Division employee) and Eddie Paul quickly repaired the damage to the aging roof. A shattered window at MRTTP appears to have been caused by the flying roof tiles from the adjacent out-building.

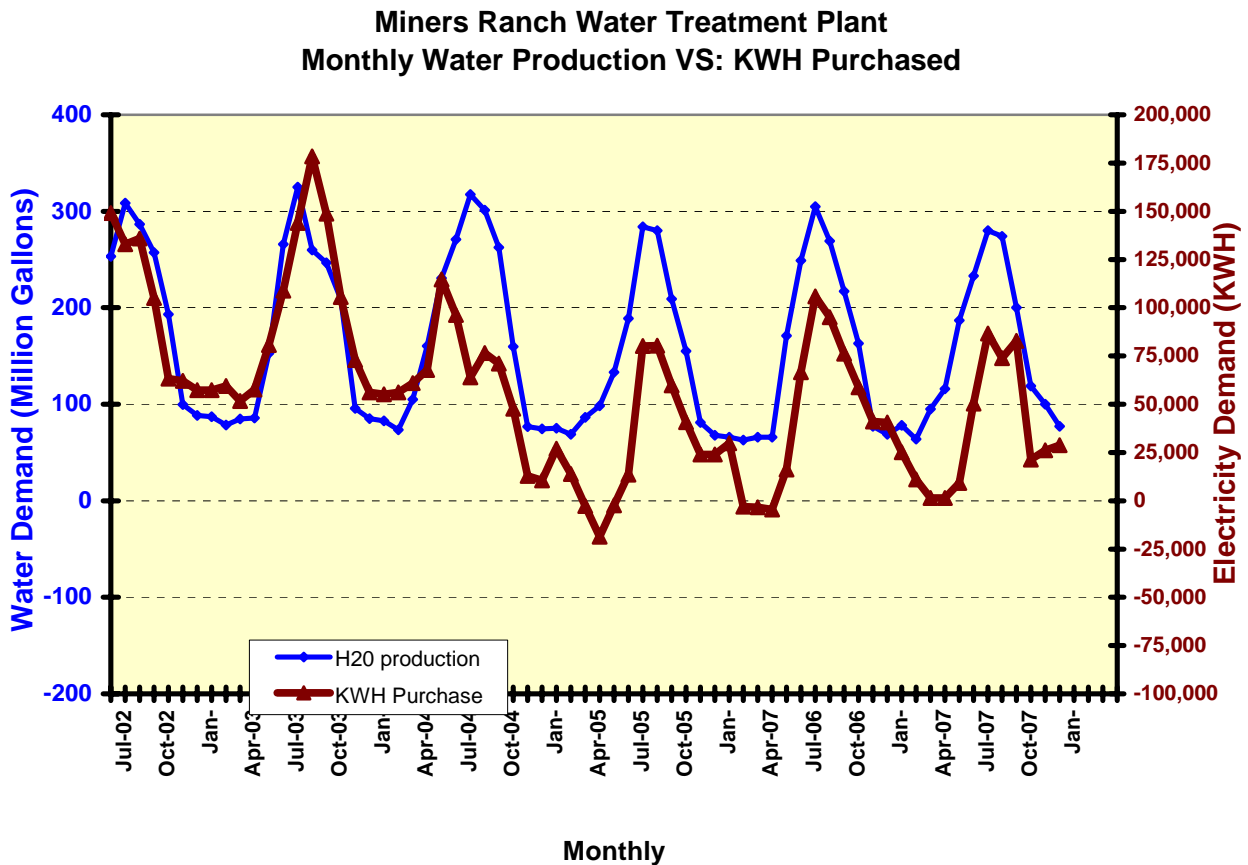
## Water Treatment Operations

M RTP monthly treated water production for November was 110% of average. The cumulative 2007 (Jan-Dec) water production is approximately average for this year. Please refer to the graph at the end of this report for an historical perspective.

Miners Ranch		December 2007	
Total		80.4 Million Gallons	
High		3.2 MGD	
Low		2.3 MGD	
Avg.		2.6 MGD	
Bangor			
Total		0.2 Million Gallons	
High		0.03 MGD	
Low		0.00MGD	

## Solar Plant Production

The graph below shows energy consumption compared to total water production.



### M RTP Total Annual Water Production

