

4/28/2009

- 1) Well 6 dropped off line last night and again this morning. I diagnosed it as large voltage fluctuations on the power line. I contacted PG&E and reported the problem. PG&E informed me they had open fuses in the park and long barn disconnecting power to about 75 homes. PG&E could not correlate the problems as related. Having previously gone through this for 6 weeks in May and June of 2006 I called a PG&E tech. I know (Doyle), described our current problem and the problem of 2006 and asked him if he could intervene. He obliged and traveled to the set of regulators that failed in 2006 and found they had been cycling from full buck to full boost (Minimum to maximum voltage). He disabled the automatic controls bypassing the regulator. Our power is temporarily not locally regulated, but that's better than it was. The regulators will be repaired and placed back on line some time in the next few weeks. Power was restored to the disconnected customers this afternoon.
  
- 2) Why did I give you so much detail above? Last time it took six weeks to diagnose the problem with Well 6. The Pump Service Personal wanted to pull and possibly replace the pump. Our electrician replaced the motor starter. PG&E despite their best efforts twice had not seen the voltage fluctuations (bad timing). If this happens again and I am not available to intervene, one of you or those who follow us will be. Here is what PG&E says we should say to them should the same symptom set happen again: **“We have seen similar symptoms before caused by a malfunction on regulator 244 causing it to cycle from full buck to full boost.”** Regulator 244 is located near Highway 108 this side of Sierra Village.