

WBRA Water System POWER OUT PROCEDURES

1. Turn off all pump switches- #1,2,3,4,(South Wall) and turn off circuit breaker # 10 in breaker box for pump #5.
2. Remove the cable plug from the wall receptacle on the South wall (pump #5) and extend the cable through the pump house door to the generator. The key to the generator shed is above the circuit breaker box.
3. Remove generator from the shed and plug in the cable to the appropriate generator receptacle. Turn on gas valve for generator and turn switch to run (I) then place choke lever on. Start generator and open choke when running smooth. Run generator outside if not raining hard. Align exhaust with vent opening if running inside and leave the door open(use hook on side of pump house). Try to avoid excessive heat in the generator shed (fire risk).
4. The distribution water line is now pressurized to provide water on a limited basis. The reservoir is now the only source of water so conservation is required.
5. The generator may be left on and the pressure tank will be refilled when the pressure drops to about 40 lbs. The generator may be turned off when the pressure reaches about 60 lbs. and the pressure tank is up to operating level. This will save fuel but requires re-starting in order to refill the pressure tank and bring the pressure back to 60 lbs. Avoid extremely low water levels in the pressure tank which may cause air in the distribution line.
6. When power is restored: Turn generator off and secure in shed after turning off gas supply valve. Return cable to pump house and plug into the receptacle before switching on circuit breaker #10 in the breaker box.
7. When pump #5 has restored the water level in the pressure tank to operating level (about 60lbs. pressure) then turn on the other pump switches to the automatic setting (one at a time) from right to left. CAUTION - make sure the pressure tank is full or nearly full before turning on the other pump switches. If the pressure tank is not up to operating level, the resulting high flow of water will cause the tank to rock or sway (not a good thing).

Note: The door to the pump house may be secured with the bungee cord (above breaker box) to prevent excess rainwater in the building.