

**Electrical Installation for Permanent 400 KW Generator
at ECUA's Kingsfield Well Site**

Proposed scope of work:

- 1) Install new large weather type junction box and termination blocks outside under generator receptacle plugs.
- 2) Install two 3" conduits from J. box to generator set underground/slab.
- 3) Install 4 wire service conductors and ground wire rated for 600 amps from generator set.
- 4) Generator receptacle plugs are to remain in place and sign installed for instructions on how to use plugs safely should they ever be needed.
- 5) Install conduit runs and control wire for remote annunciator to be mounted inside of control room of well.
- 6) Install conduit and circuit wire for battery charger and block heater-(480V) single phase.
- 7) Terminate and test for automatic operation.

Note: All wells have automatic transfer switches in place.