

Cafeteria Generator Project

Project Details:

Install backup generator and transfer switch for building 105 (cafeteria).
The project consists of the following.

- Provide and install standby diesel generator – Kohler brand or equivalent. Contractor to determine generator specifications based on project evaluation.
- Provide and install transfer switch. Contractor to determine transfer switch specifications based on project evaluation.
- Trench approximately 25 feet.
- Install conduit and conductors. Conduit runs should not cross each other. Spacers should be used on conduit runs.
- Backfill and compact trench.
- Replace/repair current concrete pad.
- Install 2” red with black lettering tape 12 inches above power conduits. “CAUTION BURIED ELECTRIC LINE BELOW”
- Install two barrier posts 12 inches South of generator pad
- Provide and install concrete pad for generator. Location of generator pad to be compacted 90% minimum.
- Perform any other necessary work to ensure backup generator, transfer switch and other equipment functions properly and achieve the minimum expectations of the project.



Existing 125 amp panel

Existing 250 amp panel

Existing 250 amp panel

Transfer switch

Existing 400 amp panel

Electrical main

Trench area

New Generator