



Electric Peak Demands

The electric utility, National Grid, has confirmed that system capacity is available to supply the demand load for the Gaming Facility, although remote from the exact location of the Gaming Facility. There are various peak utility demand restrictions currently in place in accordance with National Grid's specifications, depending on the final load estimates and the delivery voltage assigned to serve the electrical load, as determined by National Grid. Based on the estimated demand load of 13.2KV, three-phase service is appropriate to serve this facility. The on-site standby generator system will be designed to allow the Gaming Facility to participate in a utility demand response program, if feasible. Upon loss of utility off-site power the on-site standby emergency generator system will power, but not be limited to, the following:

- Life safety (egress lighting & fire alarm)
- Fire protection systems
- Elevators
- Communication systems
- Domestic water system
- Hot water system
- Public restrooms
- One food venue
- Food refrigeration
- Critical systems (data, security, surveillance, etc.)
- Casino floor and associated support areas

Water Peak Demands

The City of Rensselaer water supply and distribution system has sufficient capacity for the anticipated peak water demands from the proposed facility without the need for off-site improvements.