

# On Site Generation

Backup generators should be there as a backup to data center equipment in case of utility power failure. Emergency generators should be there to power the data center life safety systems (e.g., emergency lighting, fire pumps) if utility power fails.

The datacenter site should have considerable space for one or more emergency and backup generators and their associated electrical utility and life safety circuit paths, and it should be located on the datacenter site in a secure manner.

The datacenter should have necessary fuel pumps, piping and on-site storage and the space required can dictate performance for a minimum 48 hours without outside services.

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