

# Water

## Fixed Generator Emergency Power Requirements (30 Texas Administrative Code (TAC) Chapter 290)

Check Yes or No or Not Applicable [NA] for each line with check boxes and enter information where space is given.

### Location:

What is the location of the generator?

System Name \_\_\_\_\_ PWS ID No. (If applicable) \_\_\_\_\_

County \_\_\_\_\_

City \_\_\_\_\_

Street Address \_\_\_\_\_

Lat: \_\_\_\_\_ Long: \_\_\_\_\_

Facilities that will be powered by the generator: \_\_\_\_\_

### One Hundred-Year Flood Plan Requirements:

Y N N/A

Does the design provide for generator and controls (electric units) from inundation during a 100-year flood event?

### Generator Requirements:

Will the generator provide adequate power to maintain a minimum system pressure of 35 psi in the water system? (This only applies to Public Water Systems in the following counties: Harris and Fort Bend; this is desirable in all other areas).

In counties other than those identified above, will the generator provide adequate power to deliver a minimum of 0.35 gpm per connection to the water distribution system? (This is required by 30 TAC §290.45).

In counties other than those identified above, will the generator provide adequate power to deliver a minimum system pressure of 20 psi in the water system per 30 TAC §290.44(d)?

If the generator is located in a water production facility, is the generator sized to all disinfection, treatment, filtration, pumping, etc. required to maintain Safe Drinking Water Supply Standards?

### Feed Requirements:

What type of fuel is used in the generators? (Check all applicable types)

Diesel

Propane

Natural Gas

Other \_\_\_\_\_

For diesel use, is secondary containment provided for the storage tanks?

For diesel use, is the fuel storage tank accessible?

Does the generator have appropriate fencing and protection?