"Treating Your Water Seriously"

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FDEP Rule - 62-604.400 Design/Performance Considerations

(a) Emergency pumping capability shall be provided for all pump stations. Pumping capability shall be provided as follows:

1. Pump stations that receive flow from one or more pump stations through a force main or pump stations discharging through pipes 12 inches or larger shall provide for uninterrupted pumping capabilities, including an in-place emergency generator.

COL Generators Requirements

The City of Lakeland has the following generator requirements for a Public lift station:

1) If a station is located at a mapped driving distance of 4 miles or greater from the Glendale plant, a generator is required.

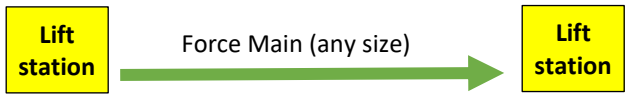
2) If a lift station pumps via a 12" or greater force main to another lift station, both the pumping and receiving lift stations require generators.

3) If a lift station pumps via a 12" force main to a gravity system, the pumping lift station will require a generator.

4) All lift stations not receiving a generator will be designed with the appropriate control panel and conduit so a portable or permanent generator could be added.

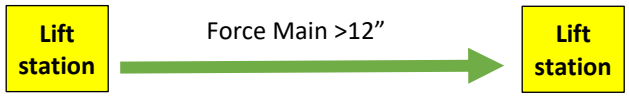
Scenarios – Which lift stations will require a generator

1) Lift station discharging directly into another lift station via force main.



YES

2) Lift station discharging directly into another lift station via force main >12".



YES **YES**

3) Lift station discharging via >12" force main into a gravity system, that flows to another lift station

YES

For any generator design questions, contact **Jim Lilly** at **863-834-6175** (jim.lilly@lakelandgov.net)