GENERATORS PLAN REVIEW

Electrical:

☐ Provide **Electrical one line or Riser Diagram** of all **service equipment**: (Example: Grounding, Transformer(s), Meter(s), Main Distribution Panel, and Sub Panel(s) with conductor size/type and conduit size/type. (Note the **Existing and New Equipment**). **Information listed on the equipment should include**: Volts, Amps, Phase, and AIC Rating.

☐ Provide a summarized **load calculation** of the home or building. If load shedding is required, provide **load shed calculations** for the actual load(s) that will be shed. If there will be a separate emergency panel, designate the load(s) for this panel.

**Note:** Load calculations must show fuel source **LP** (Liquid Propane) or **NG** (Natural Gas), as this **will determine the power rating of the generator**.

☐ Provide **Factory Spec Sheets** for any **load shedding Modules** that will be used with the ATS.

☐ Provide **Factory Spec Sheets** for the ATS (Automatic Transfer Switch).

☐ Provide **Factory Spec Sheets** for the Generator.

☐ Show all wiring methods and materials.

☐ Gas type.

☐ Isometric of piping layout (Including location of regulators).

☐ Longest run of gas pipe (from source to farthest outlet).

☐ Pipe type, size(s) and gas pressures.

☐ Appliance(s) BTUH rating.

☐ Gas table used for sizing.

☐ Commercial generator requires concrete slab detail.

**Site plan required.**

**Code Reference:**
FBC Building 7th Edition (2020) Section 107.3.5
FBC Residential 7th Edition (2020) Section G2413
NEC 2017 Article 220 - 250 - 408.4 - 445 - 702

**This document is intended to be a guide and may not contain all requirements needed to obtain permits and approval from Manatee County.**

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