

# GENERATOR SUBMITTAL CHECKLIST



## 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 - LP or Natural Gas
  - 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 with setbacks required.**

## Code Reference:

FBC Building 8th Edition (2023) Section 107.3.5  
FBC Fuel Gas 8th Edition (2023) Section 402  
FBC Residential 8th Edition (2023) Section G2413  
NEC 2020 Article 220 - 250 - 408.4 - 445 - 702  
NFPA 58

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