

Duke Energy – Gaston Shoals, NC

Horizontal Generator

Electro-Sensors 907 XP Shaft Speed Sensor is monitoring shaft speed (60 – 1,000 rpm) to determine when AC current can be safely spliced into the grid e.g., 60 cycles. The GE unit was installed in the 1920's. The open frame design is very dangerous when running because the unit will create a wind tunnel effect.



Vertical 2500W Vertical Mount, Hydro Generator

An Electro-Sensors shaft speed sensor is used to determine when the AC current can be safely transferred onto the Power Grid (typical 60 – 1,000 rpm). This water driven generator was manufactured by GE and was installed during the 1920's.

Picture is showing the top end of the generator. About 30 feet off the plant floor. AC slip rings with carbon brushes are also in picture.

