910 KW NATURAL GAS PRIME POWER GENERATOR @ SALT WATER RECYCLING FACILITY

SUMMARY

A large Salt Water Disposal (SWD) facility operating in the South Texas Eagle Ford shale needed a quick solution to provide 3-phase power to run their processing facility, offices, housing and control room. The remote location of the facility prevented tapping into the local grid to provide power. The customer's state of the art SWD plant utilizes 5 high speed offloading pump lanes for tankers where the liquids are distributed throughout the plant by high horsepower distribution pump motors to separate the liquids into various storage tanks for separation. Bryan Power quickly assessed the needs of the client and delivered a sensible solution to meet their operational and budgetary needs. The client needed a turnkey solution including a prime power generator and cooling equipment along with installation support and ongoing maintenance.

PROJECT HIGHLIGHTS

- A wellhead gas analysis found the gas properties were a good match to run a natural gas generator thus cutting fuel expenditures.
- Bryan Power recommended a rugged and cost effective factory rebuilt CAT 3516, 910 kW prime power natural gas generator to make use of the inexpensive wellhead gas
- This Factory Certified Rebuilt Generator that was half the price of a new generator along with the added benefit of a much shorter delivery and installation time.
- Being that the generator was factory rebuilt, it also came with a factory certified warranty that typically would not have been available with other used equipment.
- The result was a solution designed for the harsh remote environment, ensuring the facility's up-time, giving the client predictable maintenance costs and reduced overall life-cycle costs.

Client

- EP Energy

Location

- Eagle Ford Shale Play, TX

Equipment

- 910 kW Natural Gas Prime Power Generator

Service

- Equipment Procurement & Installation Support

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