



LANDFILL GAS RECOVERY PACKAGE

Enercon Engineering custom designed and manufactured a sound attenuated enclosure package complete with Enercon Low Voltage Switchgear for a customer supplied natural gas fueled engine-generator set rated at 1,600 kilowatts. This unit produces electric power that is sold back to the local utility network, based on three phase, 60 hertz service and a system voltage of 480 volts.



The enclosure is 420" long, 114" wide, and 120" high. It is sound attenuated at 85 db(A) at 1 meter, with a separate room 9 ft. wide by 11 ft. long that houses all of the generator switchgear and controls.

Enercon also installed a complete interior lighting system.

SPECIFICATIONS:

ENCLOSURE:

- 420" long, 114" wide, and 120" high
- Sound attenuated at 85 db(A) @ 1 meter
- 9 ft. wide by 11 ft. control room
- Complete interior lighting system

CONTROLS & SWITCHGEAR:

- Low voltage switchgear NEMA 1 for indoor use
- 480 volt generator
- Touch screen controls
- Metering displays AC amps & volts, frequency, kilowatts (3 ph), kVARs (3 ph), power factor
- 15kVA interrupting circuit breaker for paralleling
- Meets NEMA, IEEE, and ANSI standards

