



CO-GENERATION FOR A HAWAIIAN RESORT

The Four Seasons Hotel & Resort on the Hawaiian island of Lana'i needed a very reliable Co-Generation (CHP) unit to provide prime and standby power, domestic hot water, and steam for an absorption chiller/air conditioning unit.

Enercon Engineering custom designed and built a CHP enclosure package to meet this customer need.

The unit is sound attenuated, modular constructed, with full interior lighting, and has a very elaborate fire suppression system.



SPECIFICATIONS:

ENGINE:

- 910 Kw
- Diesel fueled
- 2 radiators
- Plate & frame heat exchanger
- Ren oil make-up system
- Vibration isolators

GENERATOR:

- 830 Kw
- 480 Volt
- 60 Hertz

ENCLOSURE:

- 14 ga. galvanized steel modular construction
- Base ASTM gr. A36 steel
- Sound attenuated to 65-68 db(A) @ 23 ft.
- 120" wide, 478" long, 120" high
- All hardware, handles, locks, bolts nuts, washers of stainless steel
- Complete interior lighting
- FM 200 fire suppression system

