



## POWER PACKAGES FOR ANTARCTICA

*These Enercon custom engineered power enclosure packages are designed to provide reliable electric power under the extreme operating conditions at McMurdo Station, Antarctica where temperatures range from +55 f to -90 f with high winds and snow*



The USA Antarctica Program and NASA required a power unit to provide electricity for supporting the Long Duration Balloon instrument payload assembly and launch facilities at McMurdo.

Enercon Engineering was selected to custom design and build a special electric power generation package using two customer provided engine-generator sets in a heavily modified container with special insulation in the walls, roof, & floor. Composite materials were used to prevent infiltrating cold from creating frost on internal components.

Remote mounted radiators are in separate temperature controlled compartments.

### SPECIFICATIONS:

- 2 engine-generators
- 150 Kw each, 0.8 pf
- 208V ac, 3 ph, 60 hz
- Auto control switchgear
- 4 in. insulation to R-20
- Roof mounted critical grade silencer
- Interior lighting
- Heated battery box
- Internal space heaters

