



High Reliability Custom-built Hybrid Power Systems Northern Power, USA

Northern's single or hybrid source power train has been successfully used for various applications in very remote areas all over the world such as



Sources of Power Generation: Solar Stand-alone

Approximate System Power Output on Average Continuous Basis: 75 Watts

Customer:
U.S. Navy / SPAWAR

Reference:
Mike Loudergan

Phone:
843 974 4304

Position:
Responsible Engineer

Location:
Williams Field, Antarctica

Project Description:
Northern supplied two **TeleSol™** systems to the U.S. Navy's SPAWAR organization to power Runway End Identification Lighting Systems (REILS) for airfields around McMurdo Station

Environment: Polar Climate, Perpetually Covered with Snow and Ice

- ◆ Runway end lighting of the McMurdo Station at South Pole,
- ◆ Stand alone power for SCADA in offshore structures in Gulf of Mexico,
- ◆ Power for SCADA and cathodic protection of slurry pipelines in Peru,
- ◆ Power for instrumentation, cathodic protection and telecommunication of Caspian pipeline in Kazakhstan.

Northern power systems can be used in extreme remote areas for self powering lighting, communication, instrumentation facilities.



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