PACIFIC ISLANDS ALTERNATIVE RENEWABLE ENERGY PROGRAM

THE PRACTICAL APPLICATION OF

WIND – SOLAR - A.R.E. SOURCES

Features & Benefits

Advantages of wind turbines over diesel-generated power in rural island areas:

Windsock Inc. / Pacific Wind & Solar is pursing the opportunity to supplement the production of electricity in remote communities with wind turbines, which is currently supplied by the burning of increasingly expensive and enviromentally unfriendly diesel fuel powerd generators and to cut load output requirments of the utility provider.

1) **Cost-competitiveness**
- More economical than diesel, which has to be shipped in

2) **Guaranteed rates versus escalating fuel costs**
- Stable energy prices in an unstable market

3) Environmental impact
- "Green" electricity with no carbon emissions

4) **Northern economic stimulus**
- Increased power capacity/availability
- Installed and maintained with local labour and trades.
- Utilizes unique patented technology

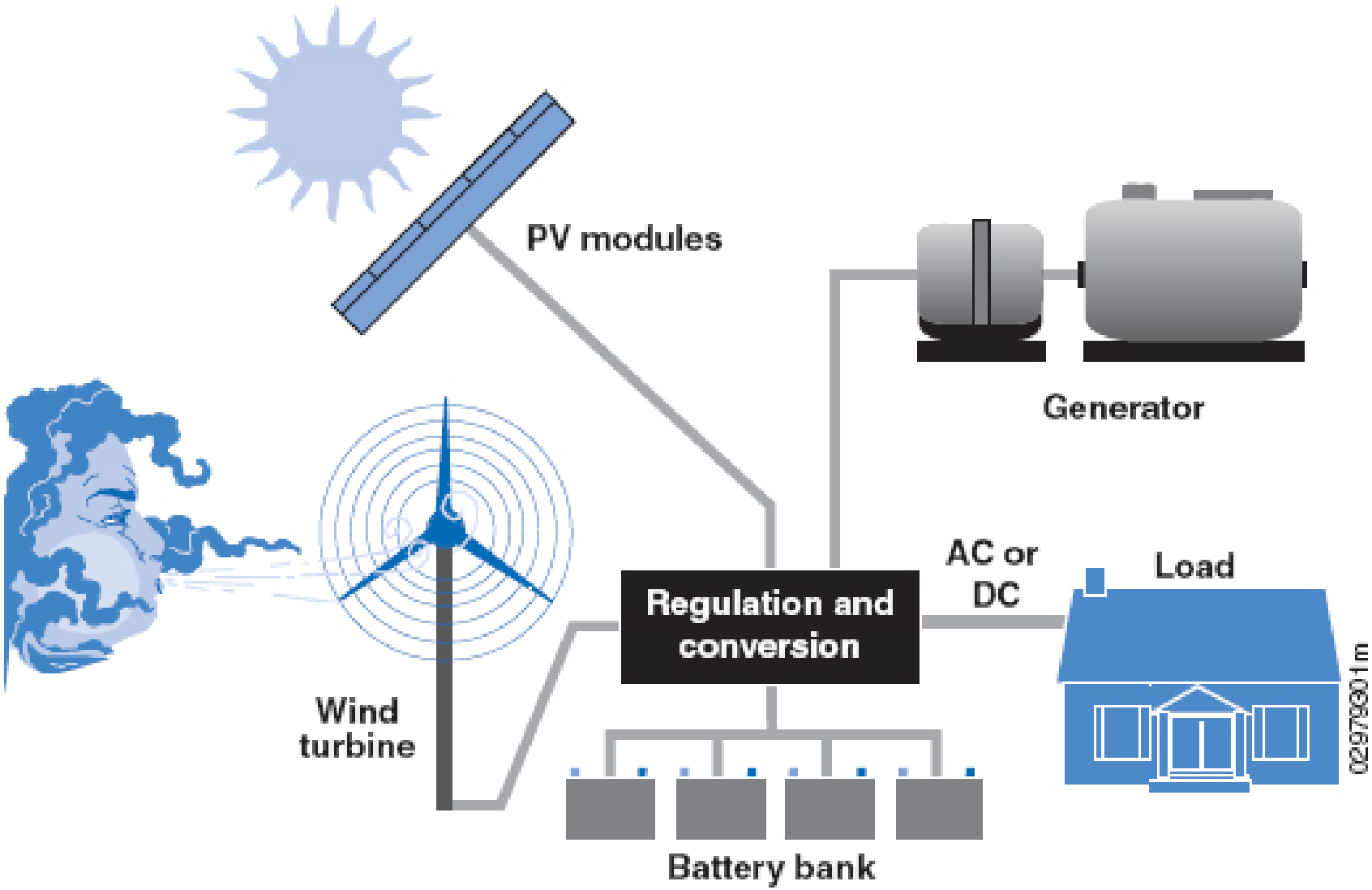
5) **Scalability to meet increasing demand**
- Need more electricity? Install more turbines.

6) **Portability, accessibility, and ease of use**
- Flown in and assembled on-site
- Low maintenance

7) **Proven, certified, field-tested technology available immediately**
- Ready to install now.

Hybrid Power Systems

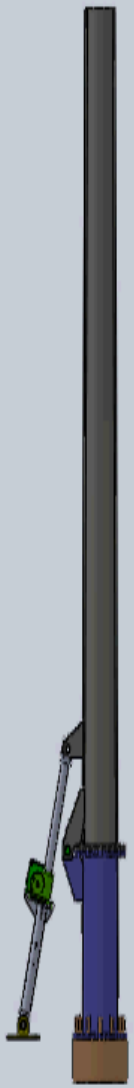
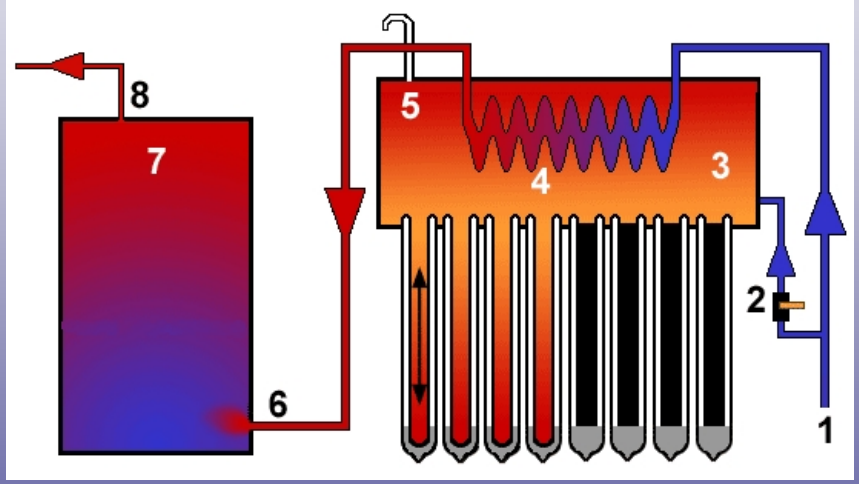
Combine multiple sources to deliver non-intermittent electric power



Headwaters

SANGRE DE CRISTO ELECTRIC ASSOCIA

Hinge Mounting Base



Solar Water Heating