

WINDESAL

BARRIE HARROP

OFF-GRID
RENEWABLE
POWER AND
WATER



Powered by Siemens



OUR TECHNOLOGY

OFF-GRID RENEWABLE POWER AND DESALINATION

- Combining wind and diesel/biofuels for 0.1 to 10MW continuous power
- Seawater or groundwater to drinking quality from 0.3 to 14MGD
- Addresses problems of power and water security in infrastructure poor regions
- Community and industrial scale customers
- Windesal owns IP based on 10yrs Danish R&D
- Plants installed in Estonia, Ireland, Malaysia, Denmark and two plants in design for South Australia



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CUSTOMER BENEFITS

- **Water security** where it is needed
 - \$3.80 per 1,000 US gallons for brackish to potable*
 - \$7.60 per 1,000 US gallons for seawater to potable *
- **Reduced diesel costs** for power generation from 0.1 to 10MW
- **Secure and stable** off-grid continuous power and water supply
 - Independence from rising power and water supply price fluctuations
 - No need for costly infrastructure to connect to centralised power and water grids
- **Improved green credentials**
 - Sustainable water source
 - Reduced emissions
- **Integration with existing power generation**
 - Existing plant may be modified to work with Windesal technology
- **Flexible commercial arrangements**
 - Plant sales or build, own, operate



*dependent on site conditions



CONTACT

WINDESAL WORKS WITH

- National/regional public authorities
- Public utilities
- Private power supply companies
- Local industries e.g. mining, production, agriculture, plantations and tourism.



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