Israel NewTech
National energy & water program

The Israel Export & International Cooperation Institute

Category: Renewable Energy
Sub Category: Solar Thermal
www.aora-solar.com

Company profile

AORA (formerly EDIG Solar) has developed an advanced solar-hybrid gas-turbine engine (IP protected). Our system is the world's first commercial application of such technology, capable of producing power and heat energy around the clock, on demand 24/7.

Date of establishment: 2005

No. of employees: 12

Background on the company

Following a successful pilot installation in 2006 in Nanjing, China proving the technological concept of being able to solarize a gas-turbine engine, the company is set to erect its first commercial unit, near Eilat by March 2009.

Based on currently available data, the AORA system will use less land to generate considerably more usable power and energy, and significantly more revenue at lower installed cost than any near-term solution to solar energy generation available in the world.

Technology & product(s)

The system offers a unique modular solution to solar power generation, comprising very small base units (100kWe / 170kW heat) which are linked together like Lego-like pieces into a centrally controlled power plant, tailored to the customers' needs. When the available sunlight is not sufficient (during cloud cover or at night), the system operates on any alternative fuel sources, thereby guaranteeing an uninterrupted power supply, 24hr/day.

Objectives / Target companies

Seeking strategic partners for Joint Ventures in Israel and around the world.