



**Al Hadeshe
Green Energy Ltd.**

Category: Renewable energy, Analyzers and control systems, R&D

Sub Category: off-grid solar systems mobile and stationary

www.alhadeshe-tps.com/green_energy.php

Company Profile

Date of establishment: 2008

No. of employees: 8

Background on the company

Al Hadeshe Green Energy Ltd. designs and develops innovative stand-alone solar power systems. Our engineers are experienced with the complex task of integration solar power with energy storage means. Al Hadeshe Green Energy Ltd. has developed the 'Sabra 24/7' - the first Israeli mobile solar generator. Al Hadeshe Green Energy Ltd. is a sister company of 'AL Hadeshe - construction and development', a company for industrial construction with extensive experience with design and construct large scale project such as industrial plants and logistics centers.

Examples of past projects

The company was partnered to the planning and production of the first large scale solar CPV cogeneration site.

The research and development team of 'Al Hadeshe - Green Energy' was involved in academics researches dealing with analysis and optimization of solar hybrid power system, dynamic behavior of state of the art storage energy devices and solar photovoltaic technologies. The R&D team continues to develop technology that provides each project the optimization for the right solution that will achieve high performance in energy efficiency and reliability.

Technology & product(s)

General description: Solar Powered Generator for supply constant and reliable energy for rural areas as an alternative to the diesel generator.

Function of the product(s): Sabra 24/7 - a Mobile Solar Powered off-grid system offer the highest solar power for transportable solar system. Design to deliver power continuously 24/7 uninterrupted to various customers, such as: telecommunication facilities, military surveillance stations, water pumping, homeland security systems, isolated farms. The system has high mobility in off-road conditions, fast deployment at field, free of maintenance. Offer a green, reliable and cost-effective solution.

Sabra2.0 - designed as a complete system solution for remote area power applications. The stationary stand-alone hybrid power system can provide full automatic uninterrupted power output, with advance control and monitoring system. The Sabra2.0 aim to the telecom industry and to the homeland security sector. It based on optimal managing of renewable energy sources along with storage system. This is a modular and integrated system which tailored to the customer demands.

Objectives/target companies

Defense forces, telecommunications companies, homeland security companies, isolated farms.