



Category: CSP

Sub Category: Solar Thermal solutionsg.

www.heliofocus.com

Company profile

Year of establishment: 2007

No. of employees: 25

Background of the company

Established in 2007, HelioFocus is a solar thermal company. The company develops large dish to generate high temperature air that can be used for thermal applications: power generation, process and heat delivery to consumers.

Our core technologies are Dish - to optically concentrate light, Receiver - to transform Sunlight to heat and Piping system to transfer the heat. Receiver first generation in 2007 was exclusively licensed from the Weizmann Institute of Science.

The company sells installed systems in a form of integrated solar fields. These fields are either providing steam to existing power plants (1st product) or generating electricity using a steam turbine (2nd product). targeting 1st product commercialization by Dec' 2013 & offer to our customers (power plants owners or utilities) to boost their plants with our solar field and improve efficiency, increase electricity output and combine a renewable solution to their portfolio.

The company prime market and first to focus is China. 2nd market is SW US and on later stage sun belt countries like Australia, India etc'. The company act in Israel for technology qualification and have alliance with Israel Electric corporation for power plant connected demo project.

Examples of projects

HelioFocus have a system operating in Rotem industries as a demo and qualification test site.

The company signed an agreement in Inner Mongolia for a solar field , 1st phase is 8 dishes solar field as the next phases will be 100 and 500 dishes projects.

The company also signed an agreement with IEC for Boosting project in Ramat Hovav, and another Boosting project in Israel (10MW)

Technologies & products

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The company won the CSPtoday new comer of the year award 2011, and Israel Asia award for business excellence.

Objectives / Target companies

HelioFocus is 18 months away from commercialization (Gate 5, Dec' 2013) which includes technology completion and laying mass production infrastructures to support project volumes and performance. This requires a 4th and last round.