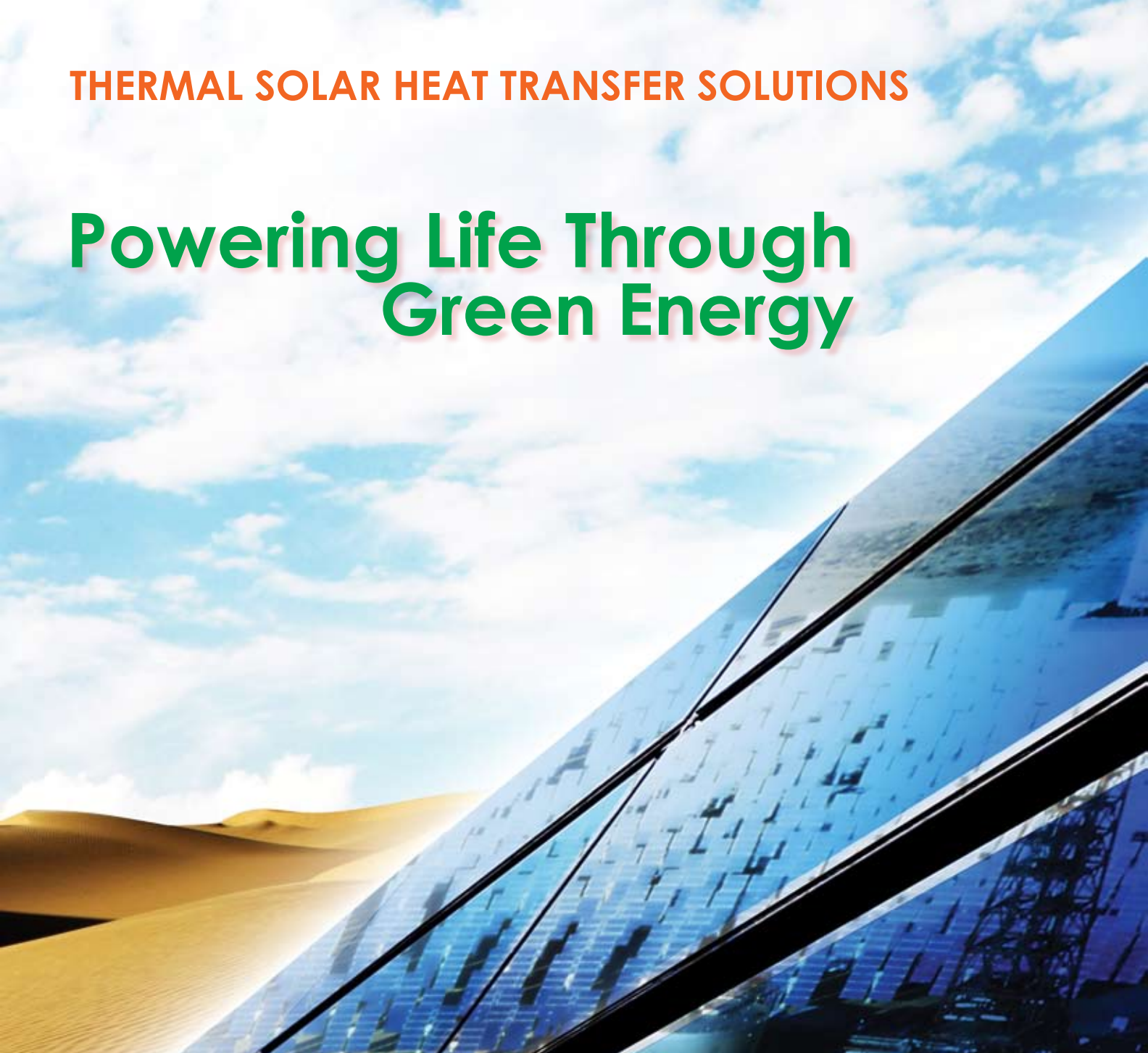
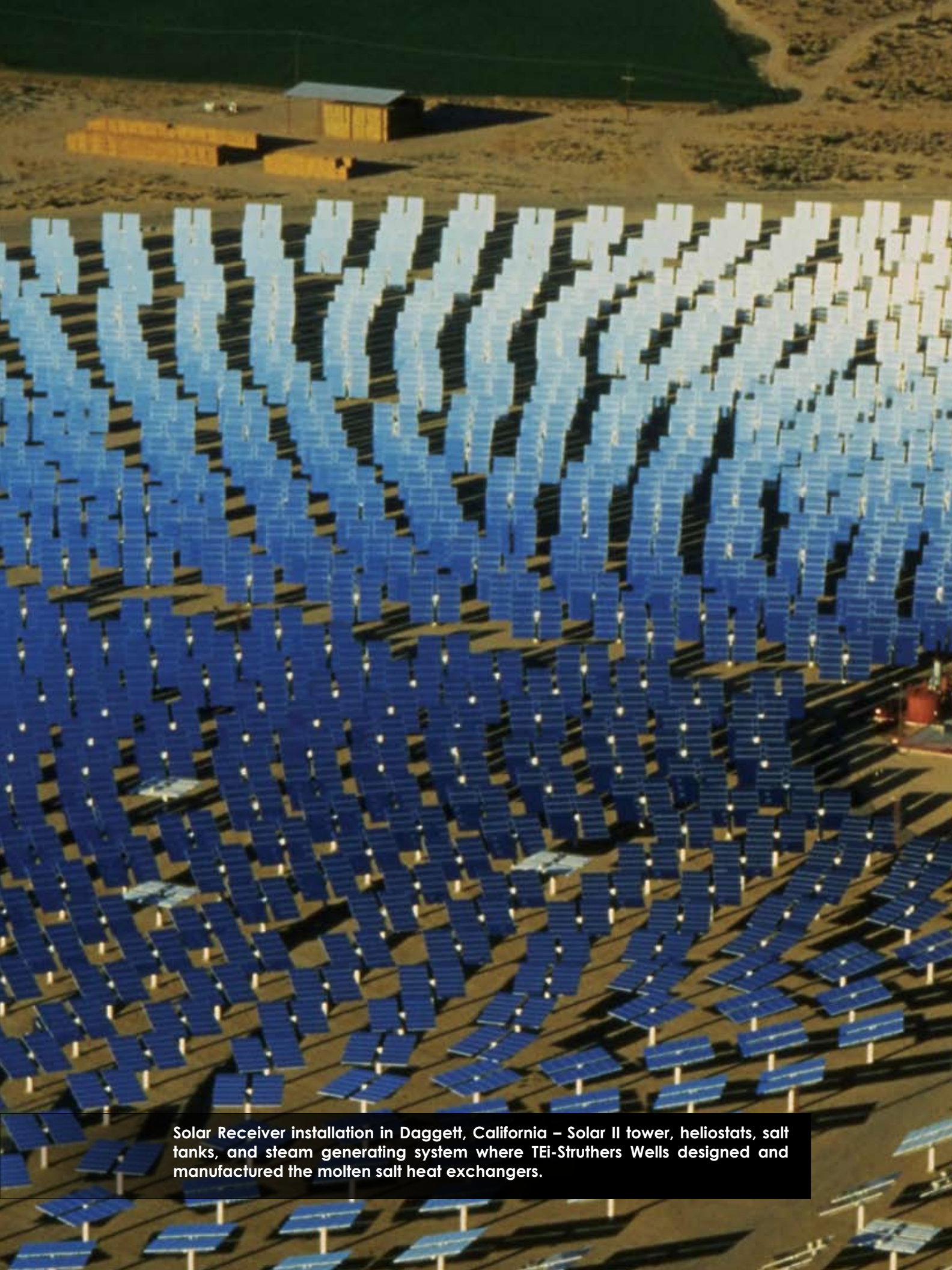


THERMAL SOLAR HEAT TRANSFER SOLUTIONS

Powering Life Through Green Energy

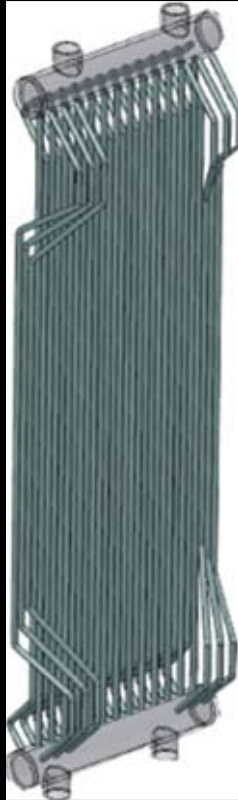


Technology pioneers leading the horizons of CSP



Solar Receiver installation in Daggett, California – Solar II tower, heliostats, salt tanks, and steam generating system where TEI-Struthers Wells designed and manufactured the molten salt heat exchangers.

CENTRAL RECEIVERS



In 1982, TEi-Struthers Wells designed and built a first-of-a-kind solar steam generating plant including central receiver boiler, steam drum, piping and structure system for an Enhanced Oil Recovery (EOR) steam injection plan near Bakersfield, California.

TEi-Struthers Wells is a pioneer in developing commercial nitrate salt central receivers and steam generating heat exchangers with a vibrant history of design and manufacturing of high temperature heat transfer systems using HTF, salts, liquid metals, or steam.



STEAM GENERATING SYSTEMS

In 1992, TEi-Struthers Wells performed an engineering study contract for design and capital cost analysis of a steam generating system for one of the first conceptual 100 MWe commercial nitrate salt central receiver plants including; preheater, steam generator, superheater, reheater, interconnecting piping, pumps, valves, instrumentation, insulation, trace heaters, fired heater and all structural steel.



During the demonstration of molten salt technology in CSP from 1994 to 1999, we supplied the four essential molten salt heat exchangers for the 10-MW Solar II power plant near Barstow, California.



This plant was a significant milestone in the development of large-scale CSP which demonstrated the economic viability of generating dispatchable electricity by using molten salt as an integral thermal storage part of a solar power plant.

FEEDWATER HEATERS



As a world class manufacturer of heat transfer equipment, TEI-Struthers Wells has been manufacturing feedwater heaters since the 1930s. Our feedwater heaters have successfully been in operation in all types of power plants including Co-gen, Solar, Fossil, and Nuclear generating stations.



TEI-Struthers Wells is one of the original founders and most active member of HEI (Heat Exchange Institute). HEI Standards have been globally accepted as the most comprehensive guideline in the heat transfer industry.

TEI-Struthers Wells' feedwater heaters not only meet HEI, TEMA Standard and ASME Code but they are also manufactured with specific features to improve the quality, reliability and longevity of our products.



FIRED HEATERS

TEi-Struthers Wells is a major supplier of circulating thermal fluid heating systems, with over 1,000 installations over the past 40 years. These systems are designed to provide high-temperature heat at relatively low pressures.

TEi-Struthers Wells has provided heaters for every heat transfer fluid type available, including synthetic fluids (Dowtherm®, Therminol®, Syltherm®, and others) and inorganic fluids such as molten salt and liquid metals for the highest temperature applications.



TEi-Struthers Wells offers a complete integrated system with standard and custom-engineered designs for every component of a high-temperature heat transfer system.





USA Offices:

Houston, Texas

www.teistruthers.com

Phone: 1-281-664-8020

Fax: 1-832-237-8758

Email: sales@teistruthers.com

Warren, Pennsylvania

www.teistruthers.com

Phone: 1-814-726-1000

Fax: 1-814-726-1025

Email: sales@teistruthers.com

Los Angeles, California

www.thermalengint.com

Phone: 1-323-726-0641

Fax: 1-323-726-9592

Email: sales@thermalengint.com

Europe Office:

Cartago International Projects

Madrid, Spain

Phone: +34915473104

Email: cartago.international@gmail.com

TEi-Struthers Wells, A Babcock Power, Inc. Company

