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## Press Release

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### Concentrix Solar introduces new module generation CX-75 in the USA

#### Concentrix Solar installs demonstration system in California

Concentrix Solar entered into a co-operation with the University of California, San Diego (UCSD) for installing a test system in California. In a joint project, a PV system, having a power of 5.75 kilowatts (kW), was installed and put into operation on the grounds of the University of San Diego. The aim of the joint project is to test the new module generation under California climate conditions and thus to create a reference in the USA, especially for the American customers.

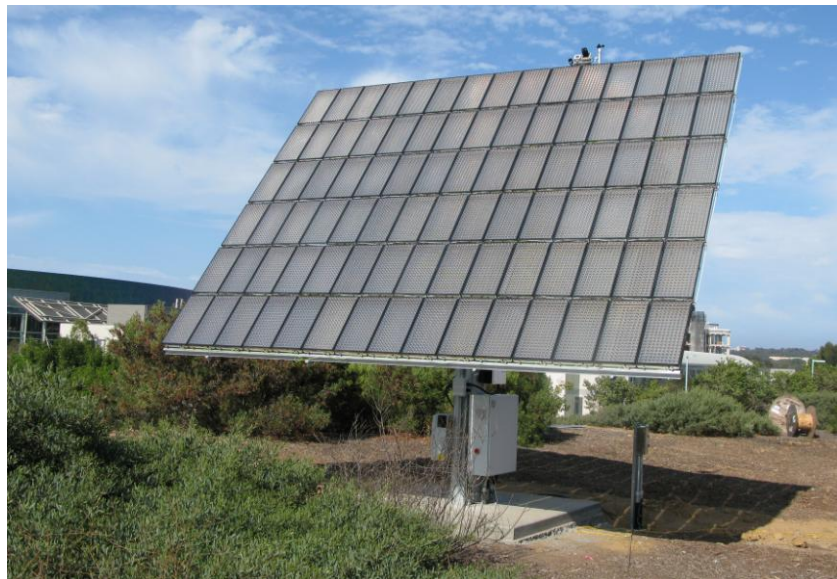


Fig. 1: Concentrix Solar's demo system on the grounds of the University of San Diego.

“UCSD is an ideal partner for a co-operation, because it already has many years of experience in the field of photovoltaics and was one of the first American universities that began to install PV systems for their own use in a big way. In addition, the site of the demonstration system situated at UCSD's East Campus Energy Park and located close to the international airport is very accessible for our customers”, says project leader Inka Heile.



“We are confident that our new module generation will produce excellent results under the optimal conditions”. The new, optimized module generation CX-75 with an average efficiency of 27.2 percent is already successfully installed in a commercial power plant in Spain.

“Meanwhile we are also registering a large demand for our technology from the USA. Due to the large energy demand during the summer months, the high temperatures and the high irradiation, our CPV technology is ideally suited for the southwestern states in the USA”, explains CEO Hansjörg Lerchenmüller. “Thus, we will further expand our capacities and in the future will intensify our involvement in the U.S. market”. Since the beginning of this year, Concentrix Solar is already represented on site by its Director of Business Development for the USA, Martin Mesmer. Martin is an electrical engineer and has been actively working in the PV branch since 1993. He has worked several years in North America and in Asia. Presently he is settled in San Diego, California where he directs and coordinates the sales activities of Concentrix Solar on location.



#### **About Concentrix Solar**

Concentrix Solar GmbH was founded in February 2005 as a spin-off company of the Fraunhofer Institute for Solar Energy Systems ISE. At present, about 60 people are employed at Concentrix Solar. Concentrix Solar manufactures concentrator power plants for sunny locations. By means of Fresnel lenses, sunlight is focused onto small highly-efficient solar cells. These solar cells convert the sunlight, concentrated 500 times, directly into electrical energy. With this technology, system efficiencies of 23 percent are possible. These values are almost twice as high as those achieved by conventional silicon technology. As a result, cost reduction potentials between 10 and 20 percent can be reached, depending on the location of the installation.

For manufacturing the concentrator modules, Concentrix Solar operates a fully-automated industrial production line with an annual production capacity of 25 megawatts and in Freiburg, Germany.

#### **About UC San Diego**

UC San Diego not only is one of the most accomplished institutions of higher education in the world, but it also is a global leader in groundbreaking climate research. Modern climate change science began at Scripps Institution of Oceanography at UC San Diego with the Keeling Curve in 1958, which has become the scientific icon of global warming. UC San Diego has transformed itself into a living laboratory in which all campus facilities and operations are being redesigned to create a highly energy-efficient, carbon-neutral campus by 2020.