

## Low-cost industrial solar collectors

Solel Solar Systems Ltd., Israel, is offering its latest industrial CPC solar collector. An innovative and simple technology allows a flexible connection of up to 50 m<sup>2</sup> high-efficiency CPC collectors in a single row, thereby providing an optimal solution for industrial and institutional applications as well as district heating systems.

The industrial CPC collector incorporates sputtered selective coated tubes that can achieve an absorption coefficient of more than 97 per cent and emissivity of less than 7 per cent. The silver-coated concentrating CPC reflectors and a unique anti-reflective coating on the glass cover ensures extremely high efficiency and temperature levels throughout the year. Some benefits of the maintenance-free CPC collectors include:

- Low cost per running m<sup>2</sup> owing to the connection technology;
- Low installation costs as less in-out connections are required;
- Reduced thermal losses as the minimal number of connections increase efficiency of the collectors and makes it possible to easily reach output temperatures of 80°-90°C in order to use it for solar air-conditioning; and
- Higher efficiency because of optimal use of the available installation surface as a result of the collector's flexible length.

*Contact: Solel Solar Systems Ltd., P.O. Box 811, Beit Shemesh 99107, Israel. Tel: +972 (2) 9996 620; Fax: +972 (2) 9995 521; E-mail: [alain.dahan@solel.com](mailto:alain.dahan@solel.com).*

Website: [www.export.gov.il](http://www.export.gov.il)