

Every Beam makes some Steam

In April 2008, Sustainable Heat & Power Europe GmbH (SHP) received the order to execute solar measurements and pre-feasibility studies for so called mini solar thermal power plants (MSTPP) for two sites in Northern Chile. The orders were placed by Sociedad Chilena de Litio Ltda (SCL), a Chilean daughter of the German-American Chemetall Group.

The goal of the studies is to make sound statements about the technical and economical implementation of small, decentralized, solar thermal co-generation power plants into the process chains of the production plants of SCL.

There, the produced steam shall not be used for the production of electricity only, but as well for the supply of energy to internal energy consumers like drying, cooling and heating of salts and brines.

The studies will be based on the high temperature-Fresnel-collector of our cooperation partner Solar Power Group.