

PRESS RELEASE

SENER signs contract for more than 500 million Euros in the world's largest solar complex

The company is taking part in the turnkey construction consortium of the Noor complex in Morocco. The works for Noor II and Noor III will begin this week, and Noor I will commence operations this same year.

Madrid, 26 May 2015 - Following a contract won in Morocco worth more than 500 million Euros, the [technology and engineering group SENER](#) is beginning construction of thermosolar plants Noor II and Noor III. Together with Noor I, they comprise the biggest thermosolar complex in the world and boast a production capacity of more than 510 MW.

Having been responsible for everything from the turnkey construction to the commissioning of the Noor I plant, SENER recently won the contract to carry out the turnkey construction of the Noor II and Noor III phases along with SEPCO III. All of the engineering, construction, commissioning and start-up for this project will be carried out by SENER and its partners. SENER, therefore, will complete the three thermosolar phases of the Noor project, given that Noor IV will be a photovoltaic technology plant.

The complex, located in the vicinity of the Moroccan city of Ouarzazate, is made up of four plants. Three of its plants are equipped with thermosolar technology developed 100% by SENER. The first, Noor I, has a production capacity of 160 MW and is equipped with the SENERtrough® cylindrical parabolic troughs, designed and patented by SENER. Noor I will begin operations later this year. With regards to the construction which is already underway, Noor II will have installed the second generation of SENER's troughs, the SENERtrough®-2 system, and will have a production capacity of 200 MW. Finally, Noor III, capable of producing 150 MW of power, will employ central tower technology with salt receivers. This central tower technology was applied by SENER in the Gemasolar plant in Seville and is therefore a natural evolution of this pioneering installation. All three power plants incorporate a molten salt storage system which will make possible to produce electricity in absence of solar radiation.

Miguel Domingo, SENER's Environment and Solar Power Director, declared that "SENER is taking part in the engineering and construction of large thermosolar plants in which it applies its own technological solutions that report large cost savings and significant improvements in efficiency". He also added that "it is of great satisfaction to SENER to be a part of the consortium which will make possible for the world's largest thermosolar complex to start commercial operations in 2017".

Today, SENER is a [leading company in thermosolar power](#), not only for the number of projects it has under its belt -29 to date, the majority of which comprises turnkey projects across Spain, the United States, South Africa and Morocco- but also for the development and incorporation of technical solutions using its own patents. In total, these installations have over 2,000 MW of installed capacity and produce an annual saving of more than 1 million tons of CO₂. Only the three plants constructed by SENER in Morocco prevent the yearly emission of 450,000 tons of CO₂.

For more information:



About SENER

SENER is a private engineering and technology group founded in 1956. It seeks to offer its clients the most advanced technological solutions and enjoys international recognition thanks to its independence and its commitment to innovation and quality. SENER has a workforce of over 5,500 professionals distributed across its offices in Algeria, Argentina, Brazil, South Korea, Chile, China, Colombia, the United Arab Emirates, Spain, the United States, India, Japan, Mexico, Poland, Portugal and the United Kingdom. The group has a turnover of 1.3 billion Euros (2014 data).

SENER engages in the specific activities of Engineering and Construction. It also has industrial holdings in companies involved in Energy and Environment, as well as in Aeronautics. In the area of Engineering and Construction, SENER has become a world leader in Aerospace, Infrastructure and Transport, Power and Process, and Marine.



SENER's FORAN System, a CAD/CAM/CAE software for design and production of all kinds of ships and offshore structures, celebrates its 50 years in 2015, half a century of continuous reinvention that makes it the longest available in the market. Today, FORAN is in the state-of-the-art of technology, installed in 30 countries and used in world-renowned programs.

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