

ABENGOA

Innovative technology solutions for **sustainability**

Abengoa and JGC's thermal solar power plant, Solacor 1, comes online

- The plant will produce the energy equivalent of that needed to power approximately 26,000 homes.
- More than 60,500 mirrors, located over 110 hectares, will concentrate sunlight.

Seville, 2 February 2012.- Abengoa (MCE: ABG), the international company that applies innovative technology solutions for sustainable development in the energy and environment sectors, and JGC Corporation (JGC) have brought Solacor 1, their first joint thermal solar plant, located at the El Carpio Solar Complex, online.

Solacor 1 started commercial operation on February 1, 2012. Solacor 2, is planned to come online in the near future. Abengoa will operate both facilities and will retain a 74% stake in the projects.

These two plants, with a total of 121,000 installed mirrors combined, covering an area the size of about 300 soccer fields, concentrate sunlight and generate steam at a temperature of 400 degrees. The steam drives two 50-MW turbines which generate electricity.

El Carpio, in Cordoba (Spain) has excellent solar radiation and is an ideal site for a solar power plant in Europe. Utilizing parabolic trough technology, the plants combined will produce enough energy to meet the electricity needs of 52,000 households and will prevent approximately 63,000 tons of CO2 emissions per year.

About Abengoa

Abengoa (MCE: ABG) is an international company that applies innovative technology solutions for sustainable development in the energy and environment sectors, generating electricity from the sun, producing biofuels, desalinating sea water and recycling industrial waste. (www.abengoa.com).

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About JGC

Established in 1928, JGC Corporation (JGC) is one of Japan's leading engineering companies. It has executed approximately 20,000 projects in more than 70 countries, and has a strong background in lump-sum turnkey operations of both hydrocarbon and non-hydrocarbon related projects. While expanding its core businesses in engineering, procurement and construction (EPC), JGC has continuously developed its investment business, and has been active in the field of energy-related infrastructure including power, desalination and bio-ethanol, in addition to renewable energies, among others. The company draws on a wide range of technologies and know-how, along with its extensive experience accumulated through its EPC businesses (www.jgc.co.jp)

Abengoa contact information:

Communications Department contact

Patricia Malo de Molina Meléndez
Loreto González Goizueta
Tel: +34 954 93 71 11
E-mail: communication@abengoa.com

Investor Relations contact

Bárbara Zubiría Furest
Tel: +34 954 937 111
E-mail: ir@abengoa.com

JGC contact information:

Press and investor relations

Takeshi Endo
Tel: 81-45-682-8026
endo.takeshi@jgc.co.jp