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Innovative technology solutions for **sustainability**

Abengoa and ITOCHU inaugurate the Extremadura Solar Complex

- The number of workers onsite peaked at more than 1300 during the construction phase and 91 highly-qualified, permanent operation and maintenance jobs created.

Seville, December 5, 2012. Abengoa (MCE: ABG.B), the international company that applies innovative technology solutions for sustainable development in the energy and environment sectors, and the Japanese multinational ITOCHU Corporation, inaugurated today the first phase of the Extremadura Solar Complex. The complex is located in Logrosán, Cáceres, and is made up of two identical 50 MW parabolic trough plants. With the addition of the two similar plants currently under construction onsite, the complex will be completed in 2013 creating the largest solar complex in Spain with a total installed capacity of 200 MW.

Abengoa, who will be responsible for the operation and maintenance of the plant, owns 70 % of the two newly inaugurated plants while ITOCHU controls the remaining 30 %.

Cristina Elena Teniente Sánchez, Vice President of Extremadura, presided over the event. Also accompanying the attendees were Takeshi Kumekawa, President of ITOCHU Europe PLC; Santiago Seage, CEO of Abengoa Solar; José Antonio Echavarrí Lomo, Extremadura Government Minister of Agriculture, Rural Development, Environment and Energy, and María Isabel Villa Naharro, the mayor of Logrosán. After the inaugural act, the guests toured the installation where they learned how the concentrating solar power technology functions.

The parabolic trough technology consists of a field of collectors that follow the movement of the sun and whose parabolic shaped mirrors concentrate the sun's rays on receiver tubes that run through the focal point of the trough. In these tubes, the heat transfer fluid heats to approximately 400°C. This hot fluid circulates through heat exchangers and produces steam. The steam is then used to generate electricity using a conventional steam turbine.

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The first phase of the Extremadura Solar Complex is made up of two identical 50 MW concentrating solar parabolic trough plants, and each plant's solar field covers about 110 hectares (270 acres).

From an environmental perspective, Abengoa's two recently inaugurated plants at the Extremadura Solar Complex will produce the clean energy equivalent to that needed to power 52,000 households and will prevent 63,000 tons of CO₂ from being emitted into the atmosphere each year.

Abengoa shares a clear commitment to growth and development with the communities where it is present, such as Extremadura, illustrated by the numerous direct and indirect social, environmental and economic benefits created. It is important to point out that the number of workers onsite peaked at more than 1300 during the construction phase and involved more than 20 companies from the Extremadura region. Additionally, 91 permanent, highly qualified jobs have been created for the operation and maintenance of the plants now that they have come online.

With the inauguration of these two plants, Abengoa strengthens its position as the international leader in concentrating solar power development and innovation. Abengoa designs, builds and operates its own plants, using both the parabolic trough and solar tower technologies, and currently has 743 MW in operation and 910 MW in construction throughout the world.

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)

About ITOCHU

With approximately 130 bases in 67 countries, ITOCHU, one of the leading trading companies, is engaging in domestic trading, import/export, and overseas trading of various products such as textile, machinery, metals, minerals, energy, chemicals, food, information and communications technology, realty, general products, insurance, logistics services, construction, and finance, as well as business investment in Japan and overseas. (<http://www.itochu.co.jp/en/>)

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Communication Department:

Patricia Malo de Molina Meléndez.

Tel: +34 954 93 71 11

E-mail: communication@abengoa.com

Investor Relations

Bárbara Zubiría Furest.

Tel: +34 954 937 111

E-mail: ir@abengoa.com

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