

## ACS LAUNCHES THE OPERATION PHASE OF ITS THIRD DISPATCHABLE 50 MW THERMAL POWER PLANT IN SPAIN, EXTRESOL-1



The ACS Group, (US\$ 20 Billion revenues in 2010), possesses extensive experience in the development, construction, operation and maintenance of industrial facilities and power plants.

A major corporate advantage of the Group is its ample experience and leadership in the development, maintenance and operation of infrastructure related to power generation. Through Cobra Energy, a fully owned affiliate company included in its *Industrial Services* area, *ACS Services, Communications and Energy* is strongly investing in the development of renewable wind and solar thermal energy; the development of high voltage transmission lines in several South American countries; and the development of desalination plants throughout the Mediterranean.

Regarding wind energy, Cobra Energy owns 35 wind farms which are currently in operation, for an aggregate installed capacity of 1076 MW, and 7 wind farms under construction for a total installed capacity of 213 MW. 25 additional wind farms are currently under development or in the promotion phase, representing a total power of 1799 MW.

Within the area of solar energy, ACS-Cobra Energy leads the market of solar thermal power dispatchable energy, based on its revolutionary molten salts storage technology. ACS-Cobra Energy currently owns 3 plants in commercial operation (Andasol-1, Andasol-2 and the recently completed Extresol-1) and a further 4 currently under construction (Extresol-2, Extresol-3, Manchasol-1 and Manchasol-2) subject to estimated commercial operation dates ranging between 2010 and 2012, which will aggregate 350 MW. Furthermore, in the late-stage promotion phase, the solar plants Andasol-4, Andasol-5, Andasol-6, Andasol-7, Nevada Sun Power, Sun Power Colorado, New Mexico and Arizona Sun Power, will add a total of 850 MW once constructed.

Finally, ACS-Cobra through its *Industrial Plants* area, is currently participating in the construction of several other thermal solar plants, including the 17 MW Gemasolar plant, owned by Torresol, the first tower technology solar power plant of the world designed with a molten salts receiver and a 15 hours thermal storage.

ACS-Cobra group's bet on this type of plant is based on the dispatchability factor. Employing a system of mineral salts, able to store excess energy from the solar field at peak radiation times, storage allows electricity generation after sunset. The main consequence of this technology has resulted in developments leading to a breakthrough alternative which brings great stability to the electrical system.

ACS-Cobra Energy is active in the fields of promotion, development, EPC construction, operation, maintenance and sales management of power generated by thermal plants and wind farms.

It is Cobra Energy's intent to maintain its commitment to progress by means of a continuous effort in the fields of technological innovation, understanding management needs of its customers, and through pursuit of its own investments in new techniques and new assets that will establish the foundations for the future growth of the renewables area.