Siemens Wins Order for Power Plant in Venezuela

Company to supply engineered power islands for Juan Manuel Valdez Güiria project

Siemens received an order to supply two power islands for the Juan Manuel Valdez Güiria combined cycle power plants in Venezuela. These plants will be constructed in two phases. The first phase will be the simple cycle followed by the combined cycle in the second phase. Siemens will engineer and supply major equipment in the first phase including main components: four gas turbines, four generators, four bypass stacks, as well as the instrumentation and control equipment. Phase one will have a total capacity of approximately 700 megawatts. Phase two will include engineering and supply of major equipment including four heat recovery steam generators (HRSGs), two steam turbines with generators and the instrumentation and control system. Siemens will also provide technical field assistance (TFA) during the erection and commissioning for both phases of the project. The customer is Elecnor, one of Spain’s leading engineering and construction companies. It is erecting the plant on a turnkey basis for Petróleos de Venezuela S. A. (PDVSA), the largest oil company in Latin America. The plant is scheduled to begin commercial operation in 2015.

The Juan Manuel Valdez Güiria plants are to be built in the port city Güiria in the Eastern Venezuelan province of Sucre. Siemens’ scope of supply for phase one of the power plants consists of four SGT6-5000F gas turbines and four SGen6-1000A generators, four bypass stacks and the SPPA-T3000 control system. Phase two will include four HRSGs, two SST6-5000 steam turbines with SGen6-1000A generators and an additional SPPA-T3000 control system. “This important project to Venezuela’s power needs marks another milestone in our long history of supplying reliable power plant solutions in Venezuela,” said Rainer Hauenschild, CEO of Energy Solutions at Siemens Energy. “Siemens has been active in Venezuela for almost 60 years and we are currently active in the construction of the Termocentro power plant near Caracas and Termozulia III in Maracaibo,” Hauenschild added.
Components for highly efficient power plants are part of Siemens’ Environmental Portfolio. In fiscal 2011, revenue from the Portfolio totaled about €30 billion, making Siemens one of the world’s largest suppliers of ecofriendly technologies. In the same period, our products and solutions enabled customers to reduce their carbon dioxide (CO₂) emissions by nearly 320 million tons, an amount equal to the total annual CO₂ emissions of Berlin, Delhi, Hong Kong, Istanbul, London, New York, Singapore and Tokyo.

The Siemens Energy Sector is the world’s leading supplier of a complete spectrum of products, services and solutions for power generation in thermal power plants and using renewables, power transmission in grids and for the extraction, processing and transport of oil and gas. In fiscal 2011 (ended September 30), the Energy Sector (including the activities now classified as Discontinued Operations) had revenues of EUR24.9 billion and received new orders totaling approximately EUR31.8 billion and posted a profit of EUR3.9 billion. On October 1, 2011, the Energy Sector had a work force of more than 82,000. Further information is available at: www.siemens.com/energy.