

SEC Panama Martano CCPP project



Signing ceremony for main components contract of Panama Martano CCPP project in 2018

Siemens will cooperate with Shanghai Electric Group Co., Ltd. (SEC) to establish a complete power island for Colón combined cycle power plant (CCPP) of Martano, Inc. at Panama. In the project, Siemens will provide six SGT-800 industrial gas turbines with related generators, a unit of SST-600 industrial steam turbine, a unit of SGen6-100A-2P steam turbine generator and six units of VOTSG heat recovery steam generators. Siemens will also provide Simatic PCS 7 control system for the gas turbines and SPPA-T3000 control system for the steam turbine. In addition, a flexible long-term service agreement that covers over 15 years will be signed as well.

In the project, Siemens conducted a thorough analysis of the power grid of Panama and designed the power island based on the results. The proven power generation technologies of Siemens can help maximize the efficiency of equipment in all load ranges and ensure maximum availability as well. Moreover, during the operation of the power plant, Siemens' service teams in Panama will continue to provide comprehensive services to the customer to help maximize customer values.

This is the first order won by Siemens Power and Gas Division in Panama, and it is also the first time for Siemens to cooperate with SEC in an overseas EPC gas-fired power generation project. After coming into commercial operation, the

equipment will boast an installed capacity of approximately 420 MW as part of the CCPP. This could cover the power demand of about 1.9 million residents of Panama.