

SIEMENS

Press

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Ende Andina inaugurates Del Sur Thermoelectric Power Plant in Bolivia

- **Inauguration of combined cycle power plant that is part of the "Bolivia 2025" Project.**
- **Important milestone in the plan that will increase power generation capacity in Bolivia to 6000 megawatts (MW) by 2025.**

The ambitious energy project "Bolivia 2025" aims to not only help establish energy independence for Bolivia, but also to boost the capacity to export electricity to its neighboring countries. As part of that initiative, Siemens joined Ende Andina today to officially inaugurate the Del Sur Thermoelectric Power Plant, located in Yaguacua in southeastern Bolivia. At first, the power plant had operations with four gas turbines in simple cycle mode. Today, with the expansion, the plant has eight SGT-800 gas turbines, four SST-400 steam turbines and eight heat recovery steam generators (HRSG) capable of operating in combined cycle in conjunction with existing turbines, which has allowed our customer to increase the plant's generation capacity from 120 MW to 480 MW.

The event was attended by The President of the Plurinational State of Bolivia, Evo Morales; the Minister of Energy, Rafael Alarcon; the members of the executive committee of the national company Ende Andina and John Prado, CEO Siemens Bolivia.

This plant is one of the three that are in the expansion phase in the country. Currently, there are four gas turbines in Del Sur and five in Warnes, while Entre Ríos has four SGT-700s turbines. The conversion to combined cycles of the plants in Del Sur and Warnes will increase the efficiency of the plant from 40 percent to 51 percent depending on environmental and operational conditions.

"Incorporating new technologies is fundamental to the scenario of Bolivia 2025 and therein lies its importance. Because the process of converting gas into energy is more efficient, the country has the opportunity to find a use of excess generated energy."

Said Ramiro Becerra, Projects Director of Ende Andina.

This project is part of the Bolivia 2025 plan, that calls for the expansion of the country's energy sector and seeks to achieve 100 percent electrification by the middle of the next decade. Bolivia is developing ambitious energy projects that will increase the country's power generation capacity from 1924 megawatts (MW) to 6000 megawatts by the year 2025, of which 3000 megawatts will be designated for export. In addition to the development of new natural gas combined cycle power plants, the plan includes a boost of renewable energies such as wind, solar, biomass, geothermal and hydroelectric power generation.

With the inauguration of this plant, Bolivia continues in a process of change that will allow the production and export of value-added products and develop the human capital of the country generating more jobs and training, which will improve the standard of living of the citizens.

"In supporting Bolivia's 2025 initiative with our innovative energy products and services, we are investing alongside Ende Andina in the future of the country. We congratulate Ende Andina on the inauguration of the Del Sur thermoelectric plant and look forward to our close collaboration", said John Prado, CEO Siemens Bolivia.

For more information visit:

<http://www.siemens.com.bo/EnergizandoBolivia>

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