

Siemens secures major order for integrated LNG-to-Power project in Brazil

- **1.3-gigawatt turnkey combined cycle power plant**
- **Long-term service program and operation & maintenance (O&M) services included**
- **Largest LNG-to-power development in Latin America**
- **Total project volume of €1 billion**

Siemens has secured an order for the turnkey construction of a new combined cycle power plant for the integrated LNG-to-Power project GNA 1 of Gás Natural Açú in the Port of Açú in the state of Rio de Janeiro, Brazil. Siemens is providing an equity investment and owns one-third of the project company Gás Natural Açú (GNA) together with Brazil logistics company Prumo Logística S.A. and BP. In addition, Siemens signed a long-term service agreement and will operate and maintain the plant to help ensure reliability, availability and operational performance. The order is the first application for the highly efficient and proven Siemens H-class gas turbine in Brazil. With a capacity of approximately 1.3 gigawatts (GW), the power plant will provide affordable and clean energy for Brazil. Total project volume for GNA 1 is approximately €1 billion (R\$4.5 billion).

Construction of the project already started in 2018. Slated for operation at the beginning of 2021, GNA 1 will be capable of supplying power for a city with up to four million inhabitants.

“Our participation in GNA demonstrates Siemens commitment to new commercial strategies that address the evolving challenges of an increasingly demanding energy market,” said Lisa Davis, CEO Siemens Gas and Power and Member of the Siemens AG Managing Board. “By integrating our offer along the energy value

chain, the GNA 1 project clearly validates our comprehensive LNG-to-Power approach, which increases value to our partners and better meets the needs of the societies in which we operate. We look forward to continuing our innovative market approach with our global partners and supporting guaranteed electricity tariffs for our customers. I'm confident we will see more of this type of business model in the future," Davis added.

GNA1 is the first fully integrated LNG-to-Power project of this scope for Siemens, including the construction of a 1.3 GW power plant as well as an LNG import and regasification terminal, a substation and a transmission line to connect the plant to the grid. Siemens developed the project together with its partners BP and Prumo and is building the combined power plant turnkey in consortium with the Brazilian construction company Andrade Gutierrez. For the project, Siemens is responsible for the delivery of the complete power island with three H-class gas turbines, one steam turbine, four generators and heat recovery steam generators and instrumentation and control systems. The company will also provide long-term service and operation and maintenance (O&M) for the power plant. The service scope includes advanced remote monitoring and diagnostics, part of the Siemens Digital Services portfolio.

The GNA 1 Liquefied Natural Gas (LNG)-fired combined cycle power plant will be one of the most efficient thermal power plants in Latin America. It is the first phase of the Açú Gas Hub, a project under development in the Port of Açú Complex to provide a logistics solution for the reception, processing, consumption and transportation of natural gas from Campos and Santos Basins, as well as import and storage of LNG. In December 2017 the project's subsidiary, GNA 2, was selected as the winner in a Brazilian Electricity Auction and in summer 2018 Brazil's Ministry of Mines and Energy authorized implementation of a second thermal power plant in the port of Açú. With a total capacity of 3 gigawatts (GW), Açú will become the largest thermal power complex in Latin America. A second phase will comprise additional thermal power projects under the environmental license for 6.4 GW owned by GNA.

This press release and a press picture is available at

www.siemens.com/press/PR2019040217GPEN

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2018, which ended on September 30, 2018, Siemens generated revenue of €83.0 billion and net income of €6.1 billion. At the end of September 2018, the company had around 379,000 employees worldwide. Further information is available on the Internet at www.siemens.com.