



PRESS RELEASE

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ENEL STARTS OPERATION OF LAPA SOLAR PARK IN BRAZIL

- *The solar park, which is composed of the 80 MW Bom Jesus da Lapa and the 78 MW Lapa plants, has a total capacity of 158 MW and is the largest solar park currently in operation in Brazil*
- *Enel invested approximately 175 million US dollars in the construction of the solar park, which is located in the state of Bahia*

Rome, Rio de Janeiro, June 5th, 2017 – Enel, through its Brazilian renewable subsidiary Enel Green Power Brasil Participações ("EGPB"), has begun operation of its Lapa solar park, which is the largest solar photovoltaic (PV) facility currently in operation in Brazil. Lapa, which is located in Bom Jesus da Lapa, in the north-eastern state of Bahia, is composed of two plants – Bom Jesus da Lapa (80 MW) and Lapa (78 MW), for a total installed capacity of 158 MW.

“The entry into service of Lapa is an important milestone for Enel in Brazil since it is the first solar PV project to become operational this year out of the four PV projects currently under construction by the Group in the country,” stated **Carlo Zorzoli**, Enel’s Country Manager in Brazil. *“We were able to complete and commission Lapa more than two months ahead of the deadline set by the rules of the 2015 public tender which awarded us the project, therefore confirming our commitment to contribute to Brazil’s growth in the renewable sector and our leadership in the country’s photovoltaic market. Furthermore, this project will deliver much needed power to the energy thirsty northeast of Brazil that is currently facing a serious drought.”*

Enel invested approximately 175 million US dollars in the construction of the solar park, which is supported by 20-year supply contracts that provide for the sale of specified volumes of energy generated by the plants to the Brazilian Chamber of Commercialisation of Electric Energy (Câmara de Comercialização da Energia Elétrica or CCEE).

The Lapa project introduces a cost-efficient design with new tracker solutions and new conversion units that streamline the PV plant’s construction and commissioning, whereby optimizing its production. In addition, a new commissioning strategy, based on a stronger synergy with contractors on site and a remote commissioning support, was implemented, allowing a 70% reduction in the average time to put plant into operation.

Lapa is located in an area with high levels of solar radiation and its entry into service will make a significant contribution towards addressing Brazil’s need for new power generation. The park is able to generate around 340 GWh per year, enough to meet the annual energy consumption needs of more than 166,000 Brazilian households while avoiding the emission of about 198,000 tonnes of CO₂ into the atmosphere.



The project was awarded to the Enel Group in August 2015 following the “Leilão de Reserva” public tender, together with the 103 MW Horizonte and the 292 MW Nova Olinda solar projects which are currently under construction. During the construction of Lapa, Enel implemented several initiatives, such as training courses for electricians, to benefit the social development of the areas nearby the plant, in line with the Creating Shared Value (CSV) approach.

In the state of Bahia, the Enel Group’ subsidiary EGPB already operates 264 MW of wind capacity and is currently building the 254 MW Ituverava and the 103 MW Horizonte solar parks, as well as the 172 MW Morro de Chapéu, the 180 MW Delfina and the 90 MW Cristalândia wind projects.

In Brazil, the Enel Group, through its subsidiaries EGPB and Enel Brasil, has a total installed renewable capacity of 1,464 MW, of which 401 MW from wind power, 170 MW from solar PV and 893 MW from hydropower, as well as a further 442 MW of wind and 649 MW of solar capacity currently in execution.

Enel Green Power, the Renewable Energies division of Enel Group, is dedicated to the development and operation of renewables across the world, with a presence in Europe, the Americas, Asia, Africa and Oceania. Enel Green Power is a global leader in the green energy sector with a managed capacity of 38 GW across a generation mix that includes wind, solar, geothermal, biomass and hydropower, and is at the forefront of integrating innovative technologies like storage systems into renewables power plants.