LA LOMA SOLAR PARK DELIVERS THE FIRST KILOWATT HOUR OF ENERGY AND BEGINS ITS TESTING PHASE

- The more than 36,000 solar panels installed have allowed the injection of the first kilowatt hour to the National Interconnected System (SIN) and will make possible an upcoming delivery of 17,4 megawatts.

- The injection of the first kilowatt hour was possible thanks to the articulated work between Enel Green Power Colombia and the company Transmisión of Grupo Energía Bogotá (GEB).

Cesar, March 1, 2022 – La Loma, the largest solar park under construction in the country, delivered the first kilowatt hour (kWh) of energy to the National Interconnected System (SIN). With this milestone, Enel Green Power Colombia started the testing period prior to the project’s commercial operation during the course of 2022.

“We are pleased to announce that this event will allow an upcoming injection of 17.4 megawatts (MW) of energy to the National Interconnected System, a maneuver that will be possible thanks to the more than 36 thousand solar panels installed to date. As the assembly of the modules progresses, we will continue to schedule the delivery of more energy on a trial basis until we connect the 22 subfields and reach the project’s 187 megawatts in direct current (MWdc),” said Adrián Dugulán, Head of Business Development for Enel Green Power in Colombia.

The injection of the first kilowatt hour (kWh) was achieved after the works that allowed the energization of the transformer in the Matepalma substation, the connecting bay of La Loma substation and its transmission line for energy transport. The latter two were built and are operated by Transmisión, a company of Grupo Energía Bogotá (GEB).

“The testing of La Loma solar park is also very important for GEB and Transmisión, as it is another step in the green agenda that we have set for ourselves, an agenda looking into the future in response to the world’s transformation towards non-conventional renewable energies. We are very pleased to work with Enel Green Power Colombia and contribute with our experience as transmitters to the incursion of these energies into the National Interconnected System and thus reaffirm our commitment to improve lives with sustainable and competitive energy,” said Fredy Zuleta Dávila, General Manager of Transmisión.

It is worthwhile to mention that the civil and electromechanical works of the park, located in the department of Cesar, are more than 60% complete. Once the 400 thousand solar panels are interconnected, it is expected that La Loma will produce 420 GWh/year, energy capable of supplying the needs of approximately 370 thousand inhabitants.
Enel Green Power, as part of the Enel Group, develops and operates renewable power plants around the world and is present in Europe, America, Asia, Africa, and Australia. Enel Green Power is world leader in clean energy, with an installed capacity of around 51 GW in a generation mix that includes wind, solar, geothermal, and hydroelectric energy. Enel Green Power is at the forefront of the integration of innovative technologies in renewable power plants.

With more than 125 years of history, Grupo Energía Bogotá (GEB) is a leading business group in the transmission and distribution of electricity and in the transport and distribution of natural gas in Colombia, Peru, Brazil and Guatemala. In Colombia, with Transmisión, it develops electrical energy projects. With TGI it is number one in natural gas transport with more than 4,000 kilometers of pipelines. In Peru it is number one in natural gas distribution with its companies Cálidda and Contugas and has presence in energy distribution with Electro Dunas. In Brazil it has presence with Gebbras and Argo and in Guatemala it is number one in electric power transmission with Treca and Eebis.

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