

## Press Release

### Action intended to reestablish energy services in Mocoa

- *Grupo Energía de Bogotá through Empresa de Energía de Bogotá, together with the Ministry of Mines and Energy and Empresa de Energía de Putumayo are working together on a contingency plan to solve the energy supply disruption in Mocoa and across the Department of Putumayo.*

*Some of the temporary solutions undertaken include energizing the Altamira - Mocoa line from the 115 kV Altamira Substation, the installation of a mobile substation 115/34.5/13,2 kV and the reconstruction of medium tension circuits in the municipality of Mocoa.*

**Bogotá, D.C., April 02, 2017.** Grupo Energía de Bogotá (GEB), through Empresa de Energía de Bogotá (EEB) has mobilized right from the onset of the tragedy of Mocoa to try to solve energy supply problems in the shortest possible time along with Empresa de Energía del Putumayo in order to relief the difficult times endured by the people of this capital of the Department of Putumayo, and particularly those affected by the disaster.

"We are joining efforts with the Ministry of Mines and the local Government, and also with Empresa de Energía del Putumayo and other companies of the sector to carry electric energy to the people of Mocoa", president of Grupo Energía de Bogotá Astrid Álvarez stated.

Álvarez also added: "Infrastructure damages were really serious but we will make whatever is necessary to reestablish services which is vital right now to handle the emergency. We are also helping the authorities in the humanitarian handling of the crisis".

Energy infrastructure damages are very sizable. The Mocoa Substation, Putumayo's only connection to the National Interconnected System, was absolutely destroyed and is now out of operation, therefore, given current conditions, there are no possibilities to bring electric energy from that system to handle the region's energy demand. Then, it becomes necessary to put in place an emergency solution that allows us to provide the service temporarily.

The Substation is owned by Empresa de Energía de Bogotá, at the level of 230 kV, and by Empresa de Energía del Putumayo, at voltage levels of 115, 34,5 and 13,2 kV.

As to transmission lines, the mud landslide devastated towers 124, 125, 126, 127 of the 230 kV Jamondino - Mocoa circuit and partially affected towers 122, 123 and 128 of the same circuit. The towers of the 230 kV Altamira – Mocoa circuit currently appear to be in good conditions, according to the air inspection carried out today. However, it is yet impossible to reach them given the high level of mud and the continuity of the current emergency situation caused by potential new floods.

Taking into account the foregoing and facing the failure to operate the Mocoa Substation, EEB has set out the following actions, together with Empresa de Energía del Putumayo and the Ministry of Mines and Energy:

**-Short-term actions:** Make available to Empresa de Energía de Putumayo within a time frame of 3 to 4 days, in the framework of collective work with Electrohuila, a 115 kV connection from the Altamira Substation through the Altamira - Mocoa circuit, to feed a mobile substation to be installed in the Municipality of Mocoa.

This connection enables the transmission of 20 MW offered by Electrohuila at this tension level.

**-Medium-term actions:** Institutional coordination with Empresa de Energía del Putumayo, the Ministry of Mines and Energy and different companies of the electric sector, to implement a temporary solution and commission the 115/34,5/13.2 kV mobile substation and the reconstruction of medium-tension circuits in the Municipality of Mocoa.

**-Long-term actions:** construction of a new 230 kV substation in a place yet to be defined, which would replace the Mocoa Substation hit by the landslide, within a 12-month term.

### **Humanitarian aid needed to contribute to overcome the crisis:**

With regards to the humanitarian aid needed to overcome the emergency of Mocoa, GEB has put in place the following actions that will go alongside the reestablishment of the energy service:

- A social management team was made available to initiate coordinated actions with the Government of Putumayo, the UNGRD and the Colombian Red Cross, once these bodies define the humanitarian and social aid programs to be implemented, with the aim of ensuring a proper coordination of action for the benefit of the community.

-Contacts were also made with the governor of Putumayo, Sorrel Aroca Rodríguez, to support humanitarian aid actions for the people affected by the emergency in Mocoa; and to participate in the medium term, in the formulation and implementation of projects that promote the social and economical recovery of Mocoa.

- A motivational campaign was initiated so that the employees of the GEB companies make voluntary contributions to account No. 021 666 888 (Davivienda), enabled by the National Government to raise the economic support for the people affected in this tragedy.

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### **About Grupo Energía Bogotá**

Grupo Energía de Bogotá (GEB), led by Empresa Energía de Bogotá, is a joint stock company listed in the Colombian Stock Market, whose main purpose is the generation, transmission, distribution and marketing of energy, gas and liquid fuels in all of their forms.

Today, Grupo Energía de Bogotá is the region's main Multi-Latin company of electric energy and natural gas with presence in Colombia, Peru, Guatemala and Brazil. Acting as a “strategic connector”, focused on three Business Groups:

- Urban Energy Solutions, seeking to develop and operate the infrastructure needed to meet the demand of electric energy and natural gas of big cities;
- Interconnection for Market Development, business unit in charge of connecting energy generation sources with consumer's megacenters and big users; and
- Low-Emission Generation, seeking new opportunities in renewable energies in countries undergoing a transition from the energy matrix to this sustainable generation low-emission source.

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