

Grupo Energía de Bogotá to present a methodology to improve sustainability margins in the electric system

Bogotá D.C., January 20th, 2017. Grupo Energía de Bogotá (GEB) prepared a proposal aimed at improving security margins of power supply in Bogotá, positively impacting on the reliability of the Colombian electric system.

This methodology, developed as part of the Smart Grids Project (*Proyecto de Redes Inteligentes*) and explained in the article “*SVC-POD tuning methodology and application to a Colombian case*”, intends to determine the parameters required for a proper performance of the Power Oscillation Damping (POD), which is contained in the Static Var Compensator (SVC) installed in strategic high-voltage substations (the case was applied to the SVC in the Tunal 230 KW substation).

The article, prepared by engineers of the group, namely, Camilo Andrés Ordoñez Medina – lead author – and Jaime Orjuela Vélez, with the support of Grupo de Energía de Bogotá, was chosen by the Institute of Electrical and Electronics Engineers (IEEE) to be presented in the Power and Energy Conference to be held in Texas, United States, on February 9-10th, 2017.

The document was subject to revision and approved by the IEEE, the engineers’ world professional organization dedicated to standardizing and advancing technical areas, which is present in more than 190 countries and has around 370,000 members worldwide.

Astrid Álvarez, GEB president, highlighted that “the Group is not only one of the best places to work, but also it’s a breeding ground for research and a benchmark for best practices on electric power and natural gas.”

About Grupo Energía Bogotá

Grupo Energía de Bogotá is a leading Latin American multinational company in the sector of electric power and natural gas with presence in Colombia, Peru, Guatemala, and Brazil.

GEB’s strategic business units:

- Urban Energy Solutions, this unit focuses on developing and operating the infrastructure required to meet the electric power and natural gas demand in large cities;
- Interconnection for Market Development, this unit is responsible for connecting power generation sources with large consumption centers and large users; and
- Low Emission Generation, this focuses on seeking new opportunities in renewable energies in countries where the energy matrix is transitioning to this sustainable and low-emission generation source.



Oficina principal:
Carrera 9ª # 73-44
PBX (571) 3268000
(571) 3268010
Sede Calle 61
Calle 61 # 7-78
PBX: (571) 3485450
Bogotá D.C. Colombia

In 2025, Grupo Energía de Bogotá will become the non-mining Company with the largest profit in the Colombian market, and its companies' income will exceed COP\$35 trillion coming from its operations in six Latin American countries, establishing itself as the most valuable company within the Latin American Integrated Market (MILA in Spanish) (Colombia, Peru, and Chile) for customers, communities, and regions where it is present.

Contact

Luis Miguel Gómez Henao
External Communications Advisor
E-mail: lgomez@eeb.com.co
Cellular phone: 3108124891
www.grupoenergiadebogota.com
[@GrupoEnergiaBog](https://twitter.com/GrupoEnergiaBog)