

The Power Systems Global Solutions Group cordially invites you to a workshop on:

## Andean Community: Electricity Interconnection Planning and Regulatory Harmonization



**Tuesday, November 7, 2017**

**12:30 pm to 1:30 pm**

**Room I 8-330, I Building + [WebEx](#)**

**RSVP and Add to Calendar**

### Agenda

The Inter-American Development Bank (IDB) engaged SIGLA to work on the regional electricity integration of countries in the Andean Community, to maximize the economic benefits of the whole region. The study was carried out considering the following analysis; Bilateral electricity interconnection solutions between countries; Regional electricity interconnection, including the previous ones plus necessary reinforcement works in the national networks to increase the whole transmission capacity; Sustainable alternatives of the Andean Electricity Interconnection by considering a multidimensional analysis (technical, economic, social, environmental, institutional, political, regulatory, etc.) resulting from a broad consensus among the actors involved. In addition, SIGLA developed a proposal for regulatory harmonization to allow the interconnection of the Andean countries in a non-discriminatory, efficient and sustainable way.

### Speakers



**Maria Bence Pieres** specializes in regulation and tariff review processes, strategic planning, M&A, financial models, due diligence and project evaluation in Argentina and several other countries within Latin-America (Brazil, Mexico, Guatemala, Dominican Republic, Panama, Chile, El Salvador, Mexico, among others). With over 19 years in the energy sector, she has been an independent consultant for many years. Previously, she worked at Dresdner Kleinwort Wasserstein in the global corporate finance area, mainly focused on the public services sector, and Aguas Bonaerenses (former Azurix), advising the company's vice president on various topics such as the development of the valuation model of the company and the models to be presented to the World Bank. María joined SIGLA in July 2011 and is currently Business Development Director. She has a degree in both Economics and Business Economics from the Universidad Di Tella. María is based in Buenos Aires, Argentina.



**Daniel Serrano** is specialized in energy systems operation, modelling and regulation, in particular electricity wholesale markets and transmission systems. He has developed several software tools, including expansion planning of electricity generation and transmission systems, long-mid-short term hydro/thermal dispatch models and power plant optimisation tools. He has participated in a wide variety of projects within the electricity and gas sectors, providing regulatory, economic and financial assessment to private clients (IPPs and leading European, Russian, Asian and Middle East utilities), International Financial Institutions (IFIs) and governments. Daniel has developed an intense international experience in his specialization area, having worked in more than 25 different countries worldwide. Daniel holds undergraduate and Master degrees in Engineering from Comillas Pontifical University (ICA) in Madrid, where he has been awarded academic scholarships in the Department of Electrical Engineering and Systems. He is currently a candidate for a master of science in the field of finance at Harvard University and a master of science in business analytics and big data at IE University. He is currently Project Manager at MRC and is based in Madrid, Spain.

### Chair

**Kwawu Mensan Gaba** has worked as Lead Energy Specialist and Global Lead—Power Systems Solutions Group for the Energy and Extractive Industries Global Practice at the World Bank since April 2015.



As the Global Lead, he is responsible, *inter alia*, for providing technical leadership and quality assurance for a \$16 billion generation, transmission, and distribution portfolio. Prior to that, he managed large hydropower and transmission projects in the South Asia Region. From 2008 to 2010, he was based in New Delhi (India) as the World Bank's Lead Energy Specialist for India. In that capacity, he led the country energy sector dialogue and managed the World Bank's energy program in India (a portfolio of about \$ 3.3 billion) to support a lower carbon growth path for the sector and foster institutional transformation across the entire supply chain. Prior to joining the South Asia Region, he was a Senior Power Engineer in the Africa Region of the World Bank, where he led policy dialogue and worked on complex national and regional energy projects, including several high-risk hydropower projects. From 1999 to 2001, Mr. Gaba worked for Société Générale as the Senior Power Engineer of the Investment Banking Department, where he led the technical due diligence process and formulation of technical risk mitigation strategies for many Independent Power Producer (IPP) transactions in the Middle East, Europe, and the United States. Before joining the World Bank in 1996, he was head of the planning department for the National Electricity Company in Togo. He is recognized as an out-of-the-box thinker who has received accolades for innovative procurement approaches. He is also the recipient of the World Bank FY2011 Innovation Challenge and FY2015 Big Data Innovation Awards. Mr. Gaba holds a master's degree in power engineering from the Interafrican Electrical Engineering College (Cote d'Ivoire).

### Remote Access

[Click here to join WebEx meeting](#)

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