

## Juan Carlos Bedoya, Expert Commissioner CREG - Colombia



Juan Carlos Bedoya is one of the six members of the *Board of Expert Commissioners* of the Colombian Energy and Gas Regulation Commission- CREG. Mr. Bedoya received his B.S. and M.S. degrees in electrical engineering from the Technological University of Pereira, Colombia, in 2005 and 2010, respectively. Since 2016, Mr. Bedoya holds a Fulbright *Fellowship* and received the Ph.D. degree from the Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA, USA (2020). He is currently pursuing a M.S. in Economic Sciences from the National University of Colombia.

Mr. Bedoya has spent more than 17 years developing projects, research, and leading teams in the energy sector in Colombia, Central America, and the USA. His experience includes the Colombian Independent System Operator in the wholesale electricity market, the U.S. Pacific Northwest National Laboratory, SIEMENS research technology, and academic institutions in Colombia and the USA. During his experience, Mr. Bedoya has achieved the development of market models to enhance the deployment of green technologies, T&D planning, integration of regional markets, cross border interconnections, locational price-based models, power systems resilience, transactive energy, artificial intelligence, energy capacity markets, demand response, and applied optimization for power systems.