



Next Generation Network [NGN] Webinars



CIGRE NGN Webinar: Outlook for Renewable Energy and the Global Power System Transformation (GPST) Consortium

Webinar details

Renewable energy has made dramatic progress in the last decade, as evidenced by annual generation capacity additions around the world. Driven by policy demands, customer demand, and simple economics, this trend is driving a transformation in the resource mix globally. In response to this trend, a global set of leading system operators in cooperation with leading research institutions and universities has established the Global Power System Transformation (GPST) consortium to accelerate the transition to the clean energy system of the future. This webinar will discuss the factors on both the supply side and demand side that are driving this trend, and present some scenario results through 2050. It will also present the activities of the GPST being conducted to prepare for the dramatic changes that will be required in power system planning and operations to accommodate the large influx of inverter-based renewable energy resources expected.

Presenter background

Mr. Smith is a member of the IEEE Power and Energy Society; a member of CIGRE, the International Council on Large Electric Systems; a U.S. representative to the IEA Wind Annex Task 25 on Design and Operation of Power Systems with Large Amounts of Wind Power, and a Fellow of the IEEE. He is a recipient of the IEEE PES Ramakumar Family Renewable Energy Excellence Award, and currently serves as the Technical Advisor to the U.S. National Committee for IEC SC 8A, Grid Integration of Renewable Energy Generation. He received his BSME and MS degrees from MIT in 1970. He currently serves as the Executive Director of the Energy Systems Integration Group (ESIG). Previously, he served as President of Electrotek Concepts, an international power engineering consulting firm. He has 50 years of experience in the electric power industry.

Details

Thursday, June 2, 2022
12 noon EDT | 9 am PDT
Duration: 1 hour

Click [here](#) to register for the
webcast

Presenter



Charlie Smith
Executive Director
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