



APEX WEBINAR

AGENDA

18 February 2021

3:00 – 4:30 EST

Via Webex

“Wholesale Market Design to Accommodate Storage”

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| Introduction | Cecilia Maya (<i>Moderator</i>) COO Markets, XM | 3:00-3:05 PM |
| Overview | Francisco Boshell (<i>Panelist</i>) Leader Innovation, IRENA | 3:05-3:20 PM |
| American Perspective | Greg Cook (<i>Panelist</i>) Executive Director Market and Infrastructure Policy, CAISO | 3:20-3:35 PM |
| European Perspective | Christoph Grafe (<i>Panelist</i>) Director Market Integration UK & Ireland Nord Pool | 3:35-3:50 PM |
| Asia Pacific Perspective | Farhad Billimoria (<i>Panelist</i>) New Energy, AEMO | 3:50-4:05 PM |
| Interaction with Panel | Audience Ask questions/comments using “Chat” feature | 4:05-4:30 PM |

“Wholesale Market Design to Accommodate Storage”

Moderator

Cecilia Maya
XM



Cecilia Maya is a Ph.D. in International Economics and Finance; Specialist in Financial Institutions; Specialist in Economic Policy, and Lawyer. She has worked in XM, the Colombian Power Independent System and Market Operator since 2008 and currently is the COO Markets. She is a member of the Board of Directors for the Colombian Energy Derivatives Exchange, Derivex S.A., a joint initiative of XM and BVC –the Colombian Stock Exchange-. She also serves as a member for the Board of Directors of CRCC – the Colombian Clearing House- and for the Association of Power Exchanges -APEX.

Previously, she was part of the Faculty of Finance at the School of Economics and Finance at Universidad EAFIT, where she continues teaching Derivatives and Risk Management as an adjunct Professor and Member of the Research Group in Finance and Banking GIFYB-EAFIT. She is also the author of academic publications on Risk Management, Financial Derivatives, Real Options and Financial Markets.

Panelists

Farhad Billimoria
Australian Energy Market Operator (AEMO)



Farhad Billimoria is Principal in the Market Design Group of the Australian Energy Market Operator. He has had over 17 years of experience in international energy and infrastructure market with roles encompassing operation, investment and finance. His areas of focus are storage economics and market design and ancillary services market development. Farhad holds degrees in Electrical Engineering and Law, and is a Visiting Research Fellow at the Institute for Energy Studies, at the University of Oxford.

Francisco Boshell
International Renewable Energy Agency (IRENA)



Francisco Boshell leads the work on Innovation for Renewable Energy Technologies at the International Renewable Energy Agency (IRENA). He focuses primarily on providing policy advice and guidance to countries regarding technology innovation, quality control and standardisation programmes for a successful deployment of renewables. Mr. Boshell analyses technology development strategies for a wider deployment of renewables in energy systems and has co-authored several reports on energy transition and energy technologies. During his 18 years professional career, Mr. Boshell has also: developed technical standards for quantifying GHG emission reductions from CDM projects and supported the climate change negotiations under UNFCCC; provided consultancy services for the development of renewable energy and energy efficiency projects at DNV GL, formerly KEMA Consulting; and designed and implemented infrastructure and energy related projects in the automotive manufacturing sector at General Motors. His background is in Mechanical Engineering and he holds a MSc. in Sustainable Energy Technology from the Eindhoven University of Technology, in the Netherlands.

Greg Cook
CAISO



Greg Cook is the Executive Director of Market and Infrastructure Policy at the California ISO. In this position, Mr. Cook leads the department responsible for the design and evolution of the CAISO's day-ahead and real-time markets as well as resource adequacy, distributed energy resources, and generator interconnection policies. Prior to taking on his current duties, Mr. Cook managed the CAISO's Market Monitoring department and was responsible for monitoring and reporting on the CAISO's Ancillary Service, Congestion Management, and Real-time Energy market behavior and rules, and the development of market monitoring indicators and measures to detect market participant behavior detrimental to the market. He has been with the California ISO since 2000.

Prior to joining the California ISO, Mr. Cook was a Policy Advisor to the Public Utilities Commission of Nevada where he advised Commissioners on economic principles related to the development of competitive energy markets. Mr. Cook started his career performing economic analysis for Montana Dakota Utilities where he analyzed competitive electric market risks and opportunities in the electric and natural gas markets.

Mr. Cook received an MBA concentrated in Regulatory Economics from New Mexico State University and a Bachelor of Science degree in Electrical Engineering from New Mexico State University. He has over twenty years of experience in the electric industry working extensively in the area of competitive wholesale electric markets.

Christoph Grafe
Nord Pool



Christoph Grafe is Director Market Integration for UK & Ireland at Nord Pool AS. He joined Nord Pool in October 2020 following almost three years with the Office for Gas and Electricity Markets in the UK where he managed a diverse set of issues, including advancing Ofgem's policy for storage at distribution network level, the upcoming round of price controls for electricity distribution networks in Great Britain (RIIO-ED2), and engaging with European regulators in the context of Ofgem's participation of pan-European fora and the UK's exit from the European Union. Prior to his time at Ofgem, Christoph developed a holistic understanding of the energy sector in Europe across roles at both SSE plc and Eurelectric – the industry body for the electricity industry in Europe.