## Grid Response to Electrification

PANEL, June 6, 2023



Faisal Bakhteyar

Senior Director of Origination
Brookfield Renewable US

Faisal Bakhteyar is a Senior Director of Origination at Brookfield Renewable US, where he leads structuring and negotiation of commercial transactions to support Brookfield's portfolio of renewable energy facilities in New York. Brookfield Renewable has a presence in New York as an owner of a portfolio of operating hydropower and wind assets, developer of new solar and storage infrastructure, wholesale market participant, and retail supplier of renewable electricity. Prior to his current role, which he has been in since 2019, Faisal worked on commercial strategy and wholesale market reform initiatives to support Brookfield Renewable's interests across the US.

Prior to joining Brookfield Renewable in 2015, Faisal worked for a boutique consulting firm advising solar and wind equipment manufacturers on market strategy. Faisal holds a Bachelor's degree in chemical engineering from Queens University in Kingston, Canada.



Michael DeSocio

Director, Market Design

NYISO

Michael DeSocio has been involved in the design and operation of wholesale electricity markets at the New York Independent System Operator (NYISO) for over 20 years. His tenure at the NYISO includes work in Market Operations, Market Design, Information Technology and Project Management.

Mr. DeSocio is currently responsible for the evolution of the NYISO wholesale electricity markets, improving market signals and incentives for attracting and retaining resources that support New York's grid reliability needs and policy objectives. He also oversees the NYISO's efforts with integrating emerging resource technologies, including storage, DER and hybrid resources, into New York's wholesale markets.

Mr. DeSocio has led a diverse array of projects at the NYISO, including landmark changes to the NYISO's capacity accreditation rules, improvements to energy market shortage pricing outcomes, enhancing interregional trade, and designing New York's comprehensive day ahead and real-time energy markets. Previously, Mr. DeSocio worked at Central Hudson Gas & Electric.

He earned a Master of Engineering degree in Electrical Power Engineering from Rensselaer Polytechnic Institute in Troy, New York and a Bachelor of Engineering degree in Electrical Engineering from Clarkson University in Potsdam, New York.



Sean Scollins

AVP, Engineering & Energy

Columbia Universtiy

Sean Scollins is the Assistant Vice President of Engineering and Energy Management for Columbia University Facilities and Operations. In this role, Sean leads the Energy Management Group along with the Morningside and Manhattanville Central Energy Plants. He directs and strategizes utility plant operation, portfolio energy management, and sustainability initiatives, including master planning, conservation efforts, managing renewable energy portfolios, strategic procurement of natural gas and electricity, and central plant oversight.

In his current role, Sean currently oversees the strategic electrification and decarbonization master planning for Columbia University's academic portfolios to align with the organization's commitment to carbon neutrality by 2040.

Sean spent much of his career in both in Navy and commercial nuclear power generation in various operational leadership roles. Prior to joining Columbia University, Sean served as the Director of Energy Management at the Related Companies – Hudson Yards. Sean has a Bachelor's of Engineering degree from SUNY Maritime College in Marine Engineering.



Katelyn Tsukada
Co-lead UTEN
Con Edison

Katelyn Tsukada is the co-lead of Con Edison's Utility-owned Thermal Energy Network (UTEN) group focused on building out the utility's strategic vision and implementing multiple pilot projects throughout the service territory. Over the past seven years, she had prior roles at Con Edison managing emerging technology pilots, energy efficiency programs, and most recently as the manager of the Reforming the Energy Vision (REV) Demonstration Projects group. Prior to Con Edison, Katelyn worked at an environmental non-profit and at a small energy engineering firm.

Katelyn has an MBA from NYU Stern and a BA in Environmental Studies from Bucknell University.