

Central Hudson Gas & Electric Solar+ Summit XI

for solar energy professionals in the Hudson Valley



March 4, 2021



Ryan G. Hawthorne is Vice President of Electric Engineering and Operations at Central Hudson, overseeing electric engineering functions and field operations for the utility's electric system as well as the Company's system operations and emergency management functions.

Hawthorne joined Central Hudson as an Electric Operations Engineer in 2008, and he was promoted to Operating Supervisor and Electric Transmission and Distribution Superintendent. In 2014, Hawthorne was promoted to Director of Dispatch Operations, leading the around-the-clock electric and natural gas dispatch center, and in 2017 was promoted to Director of Distribution System Operations, overseeing the centralization of electric distribution operations and implementation of the new Distribution Management System. In 2019, Hawthorne was promoted to Director of Transmission and Distribution Operations, overseeing emergency response for Central Hudson and the development of the utility's electric and gas emergency planning, and Assistant Vice President of Electric Engineering and Operations in 2020. He was appointed to his current position in January 2021.

He earned a Bachelor's of Science degree from Rensselaer Polytechnic Institute in Electrical Engineering and Computer & Systems Engineering in 2008, and a Master of Science degree in Electric Power Engineering from Worcester Polytechnic Institute in 2016.

Hawthorne serves as a board member and past board president of the Children's Home of Kingston, and volunteers for the United Way.



Tony Anchante is an Engineering Technician at Central Hudson. Tony joined the distribution planning team in 2015 and his responsibilities include reviewing interconnection and assisting/developers as needed.



John J. Borchert is the Senior Director of Energy Policy and Transmission Development at Central Hudson Gas & Electric Corporation. He joined Central Hudson in 1985 as a Junior Engineer and has been promoted to several positions within the utility, including Power Quality Services Engineer, Supervisor of New Business Services, and Manager of Customer Services – Mid-Hudson Division, Manager of Gas & Mechanical Engineering and Manager of Electric Engineering Services. He is a 1985 graduate of the State University of New York's Maritime College, with a bachelor's degree in Electrical Engineering. He also holds a master's degree in Electrical Engineering from Polytechnic University. He is a licensed Professional Engineer in New York and a senior member of the Institute of Electrical and Electronics Engineers.

In John's current position he monitors and provides strategic input in the technical aspects of state and federal regulatory energy policy. He serves as Central Hudson's representative on the NYISO's Management Committee, as well as the New York State Transmission Owners Technical Committee (TOTC) and all subcommittees of the TOTC. He represented Central Hudson in the development, formation and service as a Central Hudson representative on the Board of Managers of the NYTransco, which is a public-private partnership of the New York Transmission Owners to jointly develop and own transmission facilities in New York State. John also serves on Central Hudson's Research and Development Committee and on the Capital Asset Review Committee.

John is a native of the Hudson Valley and John currently resides in Poughkeepsie, NY.



Tom Su spent 5 years as an IT analyst within the Customer Account Services group and has worked on various projects involving new meters and technology. He has served as Supervisor of Meter Reading and System Support and as Operating Supervisor of Technology and PV for the Customer Account Services group in the past and is currently the District Director of DER.



Jack DiOdoardo is an Engineer in the Electric System Protection section at Central Hudson with 15 years of experience. He has performed coordination studies, protection design, tripout analysis, interconnection protection evaluations and mentored junior members in Electric System Protection. Starting in 2019, Jack spent 18 months in Electric Transmission Planning performing load flow analyses and electric planning studies.

Jack graduated with a B.S. in Electrical Engineering from Lehigh University and an M.S. in Electrical Engineering from Polytechnic Institute of New York University (now New York University's Tandon School of Engineering).



Brendan McNicholas works for Mitsubishi Electric's Renewable Energy Solutions (RES) Team as the Sales & Business Development Manager covering all of North America. His primary focus is to pursue opportunities for new and emerging technologies from Mitsubishi Electric, which include Battery Energy Storage Systems (BESS), Volt Var Control Systems (VVC or D-STATCOM), HVDC, vehicle-to-grid (V2G) chargers, and more. Prior to joining Mitsubishi Electric in 2017, Brendan worked in several business development and sales roles for large manufacturers of industrial and electrical equipment. He is based out of a home office in Austin, Texas.



Alison Neligan is a NYSERDA Project Manager in the NY-Sun Program. Alison's responsibilities include the management of all projects awarded under the competitive PV Program, management of the C&I applications of the MW Block Program, and support to various stakeholders including contractors and developers. Alison is also Co-Chair of the CDG Billing and Crediting Working Group. Alison joined NYSERDA in 2003 first working in the Research and Development group working on the initial Solar Program. She then transitioned to the Energy Efficiency group focusing on market transformation programs. These programs targeted specific technology markets to engage mid-stream and up-stream partners to incorporate energy efficiency products and services into their business models. She then transitioned back to the solar program to assist in the management of the Competitive PV Program, now NY-Sun. She has been responsible for the development of several funding solicitations, review of hundreds of solar proposals and applications, and the execution of contracts.

Alison received her Bachelors of Science Degree in Political Science from Plattsburgh State.



Michael Razanousky (BS'89, MBA'05) received his undergraduate degree in electric power engineering from Rensselaer Polytechnic Institute and his master's degree from the University at Albany. He has over 30 years of experience in creating and managing energy programs and projects in the commercial, utility and industrial sectors. He is presently a senior project manager at the New York State Energy and Research Development Authority (NYSERDA) in their Innovation group and has created and developed their Electric Power Transmission and Distribution Smart Grid Research and New York Prize Microgrid Programs.



Daniella Leifer is the DG Ombudsman and project manager of the Sustainable CUNY Smart DG Hub, which facilitates efforts to develop and streamline the energy storage permitting and approval process in New York City, serves as the central technical assistance resource for storage project developers working to deploy battery systems in the City, and provides other market support efforts through the development of tools, guidance documents, and educational materials. Prior to joining the Smart DG Hub, Daniella was the project manager for the CUNY Building Performance Lab's energy efficiency workforce training program. Daniella holds a Bachelor's degree in Environmental Studies from Cornell University and an MBA from the CUNY Baruch-Zicklin School of Business.

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Microsoft Teams (virtual event)

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Welcome/Introduction (<i>Central Hudson – John Maserjian</i>)	8:30 – 8:35
Energy Transformation (<i>Central Hudson – Ryan Hawthorne</i>)	8:35 – 8:40
Current DER State & COVID Adaption (<i>Central Hudson – Tony Anchante</i>)	8:40 – 8:55
Meeting the CLCPA (<i>Central Hudson – John Borchert</i>)	8:55 – 9:10
All Things EV (<i>Central Hudson – John Borchert</i>)	9:10 – 9:25
Break	9:25 – 9:35
VDER Compensation – Net Crediting and Remote Crediting (<i>Central Hudson – Tom Su</i>)	9:35 – 9:55
NYISO Interconnection Process (<i>Central Hudson – Jack Diodoardo</i>)	9:55 – 10:15
Energy Storage System Design and Operation (<i>Mitsubishi Electric – Brendan McNicholas</i>)	10:15 – 10:45
Break	10:45 – 10:55
NY-Sun Program Updates (<i>NYSERDA – Alison Neligan</i>)	10:55 – 11:15
NYSERDA Smart Grid Activities (<i>NYSERDA – Mike Razanousky</i>)	11:15 – 11:35
NYC Energy Storage Permitting 2020/2021 Updates (<i>CUNY – Daniella Leifer</i>)	11:35 – 11:55
Closing Remarks	11:45 – 12:00