

Electric Vehicles and Smart Grid Acceleration

Meet the Panel

Scott Baker

Scott Baker is a Business Solutions Analyst in the Applied Solutions division of PJM, where he researches emerging technology and policy issues in the electric power sector and administers alternative technology pilot demonstration projects. Prior to joining PJM, he worked as a researcher at the University of Delaware's Center for Carbon-free Power Integration on Vehicle-to-Grid technology, successfully deploying the first electric vehicles to provide ancillary services to the electric system in October 2007. Scott holds a bachelor's degree in Biology from Ithaca College in New York, and a Master's degree in Marine Policy from the University of Delaware.

Neil Zeller

Neil Zeller is a cleantech entrepreneur and senior investment professional. His expertise spans growth businesses in a variety of sectors including technology, transportation, energy, media, business and consumer services. Since 2007 he has been co-founder and manager of Clean Vehicle Solutions LLC, a provider of alternative fuel vehicles and infrastructure solutions for commercial and municipal fleets. He has ten years of private equity advisory experience in Silicon Valley and New York and earlier began his career as a construction project manager on large commercial and industrial developments.

Neil has provided a wide range of financial, operational and development solutions to emerging growth, technology-driven businesses, including equity and debt capital, mergers and acquisitions, restructuring and direct investments as a member of several boutique advisory firms. Earlier he was with Whiting-Turner, a leading national construction firm where he spent time developing semiconductor manufacturing facilities for I.B.M., a leading regional fashion mall, and other properties.

Neil is currently on the board of the Isabella Freedman Retreat Center in Falls Village, Connecticut, which provides leadership training and programming in sustainable living, organic farming, and ecology. He is a member of the Johns Hopkins Technology Commercialization Advisory Board, facilitating the development of new businesses from university inventions, and of the Columbia Business School Alumni Club Sustainability Committee which offers a series of panel events covering leading trends in sustainability and green business. Neil has a Civil Engineering degree from Johns Hopkins and an MBA from Columbia Business School.

Watson Collins

Watson Collins is manager of business development for the Northeast Utilities system (NYSE: NU), which includes electric utilities in Connecticut, western Massachusetts and New Hampshire. He began his career with NU in 1984 and in 2008 joined the company's enterprise planning and development group to focus on transportation electrification and related opportunities for New England's largest energy delivery system. He now works with multiple stakeholders on infrastructure and policy approaches to support plug-in electric vehicles (EVs).

In 2009, Collins spearheaded the formation of the Regional Electric Vehicle Initiative (REVI) and currently leads this working group of New England-based utilities to advance EV charging infrastructure. He was appointed to Connecticut's Electric Vehicle Infrastructure Council, established by the governor's executive order, and serves as advisor to numerous other state and local EV planning initiatives in NU's service area.

Collins is on the steering committee of the National Electric Transportation Infrastructure Working Council (IWC) in conjunction with the Electric Power Research Institute (EPRI), major automakers and equipment manufacturers. He is a member of the Edison Electric Institute (EEI) working group for EV market readiness, and serves on the Green Parking Council's board of directors. He frequently addresses industry groups throughout the U.S. on technical, environmental and policy issues related to EVs.

Under Collins' direction, NU launched a three-state EV research project, the first of its kind in New England, to deploy 30 charging stations with designated municipalities and business customers. "Plug My Ride," NU's collaborative grassroots campaign, and its orange charging symbol promote EV awareness and connect organizations and individuals across the region. (*More at www.PlugMyRide.org*)

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Collins has worked in the utility industry for more than two decades, initially as an engineer at the Millstone Nuclear Power Station. Prior to his current position, he was responsible for planning and development of NU's large-scale regional transmission projects, several of which were recognized with major industry awards.

Collins holds a bachelor's degree in electrical engineering from the University of Rhode Island and a master's degree in economics from Trinity College. A native of the Philadelphia area, he resides in West Hartford, Connecticut, with his wife and son.

Mateo Chaskel

Mateo coordinates efforts across several areas of the company, including business development, engineering, marketing, and logistics. Born and raised in Bogota, Colombia, Mateo moved to New York in 2005 to earn his B.S. and an M.S. in Mechanical Engineering at Columbia University. After designing a wind turbine during his senior year at Columbia, Mateo began an internship at UGE while completing his M.S. and has stayed with the company ever since.

Michael Mahan

Michael Mahan is the Product General Manager of Electric Vehicle (EV) Infrastructure for GE Energy Industrial Solutions, a global technology leader providing solutions in power generation, oil and gas production and water treatment. Comprised of three business units – Power & Water, Energy Services and Oil & Gas – GE Energy had combined 2010 revenues of \$38 billion.

Michael leads a global team responsible for designing, marketing and commercializing GE's new WattStation™ line of electric-vehicle chargers. His responsibilities also include developing the long-term strategy for GE's EV services and software, as well as working with strategic end customers to ensure that GE delivers best-in-class solutions within this exciting new market.

Michael began his career at GE in 2002 as a sales engineer in California, specializing in residential and light-commercial construction. He relocated to Louisiana following Hurricane Katrina, where he focused on numerous rebuilding projects in and around New Orleans. Immediately prior to his current role, Michael managed GE's Low Voltage Equipment product lines and led the Midwest Electric business, a wholly owned subsidiary at GE.

Michael serves as the chairman of the NEMA EVSE Section, is a technical advisor to Project Get Ready, and is the vice president of the Linden Condominium Association. Michael holds a Bachelor of Science degree in Mechanical Engineering from WPI and an MBA in Marketing and Finance, summa cum laude, from the University of Connecticut. Michael lives in Hartford, Conn.

Anthony Barna

Anthony F. Barna is a Research & Development Engineer with the Consolidated Edison Company of New York. He joined the company in 2002 as an Automotive Fleet Engineer, and later advanced to the R&D department in 2005. He currently manages Electric, Gas, and Steam R&D projects, and is responsible for managing a portfolio of various research projects involving advanced technologies including electric vehicles, renewables, distributed generation resources, and advanced metering. Mr. Barna has experience with the evaluation and development of various end-use technologies such as Electric Vehicle Supply Equipment (EVSEs), metering and communication equipment, Home Area Networks (HANs), smart outlets, Photo Voltaics (PV), Auxiliary Power Units (APUs), and Distributed Generation (DG) resources including energy storage. He has also co-authored papers and studies in the area of electric vehicles and their impact on the electric grid, and holds multiple patents in the areas of electric vehicles, metering, and vehicle devices.

Mr. Barna is currently on multiple local and national teams to help develop the integration of Plug-In Electric Vehicles in dense urban areas. He is a board member of the National Electric Auto Association, a non-profit group, dedicated to support the EV eco-system. He also serves as the Director of Operations for the Greater New York chapter.

Mr. Barna works closely with the corporate sponsorship committee of the F.I.R.S.T. robotics competition fostering Science and Engineering among high school students.

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Mr. Barna received an A.S. in Automotive Engineering Technology from the City University of New York at New York City Technical College in 1994, an A.S. and B.S. in Mechanical and Manufacturing Engineering from the State University of New York at Farmingdale in 1998 & 2000, respectively, and a certificate in Distribution System Engineering from the Siemens Power Technologies Institute in 2008.