

EARLY REGISTRATION & PRE-CONFERENCE WORKSHOPS – MONDAY, MARCH 26

12:00pm -
5:00pm

Early Registration – Badge Pickup Open
1:00pm - 5:00pm Exhibitor Setup

PRE-CONFERENCE WORKSHOPS AGENDA – MONDAY, MARCH 26

2:00pm-
6:30pm

PRE-CONFERENCE WORKSHOP SERIES Open to All; No Cost to Attend – Advance Registration Required

“Leading the Charge: Evolving Roles of Women in Energy”

Introduced by: Lisa Broughton, Suffolk County

Panel 1 (2:00pm - 3:15pm):

Recruiting, Advancing and Retaining Women in the Energy Industry

2:00pm -
4:30pm

Moderator: Sammy Chu, Edgewise Energy

Panelists: Ellen Redmond, IBEW • Kristine Pizzo, NYPA
Ed Murphy, Workforce Development Institute • Paul Meyer, WSP USA

Panel 2 (3:15pm - 4:30pm):

Addressing Implicit Bias through Culture and Climate

Moderator: Pat Malone, Stony Brook University Center for Corporate Education

Panelists: Alicia Barton, NYSERDA • Kenneth D. Daly, National Grid
Dr. Doon Gibbs, Brookhaven National Laboratory • Danielle Merfeld, GE Renewable Energy
Kimberly A. Harriman, New York Power Authority

2:00pm -
3:30pm

“Shape the State Energy Plan: How Should the State Energy Plan Advance Emerging Energy Technologies?”

Hosted By: NYSERDA

5:00pm -
6:30pm

To Be Announced

6:30PM



a New York State designated Center of Excellence

CONFERENCE AGENDA – TUESDAY, MARCH 27

CONFERENCE AGENDA – TUESDAY, MARCH 27

7:00am				Registration Open				7:00am						
8:00am				Breakfast Begins in Exhibit Area - Open Networking				8:00am						
PLENARY SESSION	9:00am - 9:05am			Opening Remarks Robert Catell, AERTC			9:00am - 9:05am			PLENARY SESSION				
	9:05am - 9:20am			Plenary Speaker Richard Kauffman, Office of New York Gov. Andrew Cuomo			9:05am - 9:20am							
	9:20am - 9:35am			Keynote Speaker Gil Quiniones, President & CEO, NYPA			9:20am - 9:35am							
	9:35am - 9:40am			Closing Logistics Robert Catell, AERTC			9:35am - 9:40am							
9:40AM - 10:15AM				NETWORKING BREAK, VISIT EXHIBITORS, HEAD INTO SESSIONS				9:40AM - 10:15PM						
SESSION I 10:15am - 11:30am	TRACK A		TRACK B		TRACK C		TRACK D		TRACK E		TRACK F		TRACK G	
	EVs, Utilities and the Electric Grid CHAIRPERSON: Luke Tonachel, NRDC John Shipman, Con Edison Nancy Ryan, E3 Scott Fisher, Greenlots Karsten Bardle, National Grid		Emerging Smart Grid Technologies CHAIRPERSON: Laney Brown, Concentric Energy Advisors Michael Oshetski, Micatu Incorporated Charles Murray, Switched Source Dr. Bob Currie, Smarter Grid Solutions Peter Lilienthal, PhD, HOMER Energy		Department of Energy R&D CHAIRPERSON: Tom Butcher, Brookhaven National Laboratory Jon Longtin, PhD, Stony Brook University Dr. Sotirios Mamalis, Stony Brook University Paul Kalb, Brookhaven National Laboratory		Marketing & Branding as R&D Considerations CHAIRPERSON: Mei Shabata, Essence Partners Kiran Bhatraju, Arcadia Power James Heath, Southern Company David Bend, Nest Labs Jane Parker, Interbrand Health		Advanced Manufacturing Policies and Practices CHAIRPERSON: Dr. Robert Ivester, US DoE - Advanced Manufacturing Office Leonard Poveromo, Composites Prototyping Center Dr. Paul Chow, RPI		New York Offshore Wind Master Plan CHAIRPERSON: Stephanie McClellan, PhD, University of Delaware Doreen Harris, NYSERDA Greg Lampman, NYSERDA Karen Chytalo, NYS DEC Thomas Rienzo, NYS DPS		Sustainable Gas Systems- Public Policies CHAIRPERSON: Dr. Devinder Mahajan, Stony Brook University Johannes Escudero, RNG Coalition Donald Chahbazpour, National Grid Ilissa Ocko, EDF - New York Kevin Neumaier, Sustainable Dairy Technologies Curt Gooch, Cornell University Daniel Dessanti, North East Gas Christopher Voell, US EPA	
11:30AM - 12:15PM				NETWORKING BREAK, VISIT EXHIBITORS				11:30AM - 12:15PM						
12:15pm				Lunch Begins and Exhibits Area Now Closes				12:15pm						
PLENARY SESSION	12:15pm - 12:20pm			Welcome Robert Catell, AERTC			12:15pm - 12:20pm			PLENARY SESSION				
	12:20pm - 12:35pm			Plenary Speaker Alicia Barton, NYSERDA			12:20pm - 12:35pm							
	12:50pm - 1:05pm			Plenary Speaker Dr. Esther Takeuchi, Stony Brook University			12:50pm - 1:05pm							
	1:05pm - 1:20pm			Plenary Speaker Dr. Chris Fall, Advanced Research Projects Agency-Energy (ARPA-E)			1:05pm - 1:20pm							
	1:20pm - 1:35pm			Keynote Speaker Danielle Merfeld, CTO, GE Renewable Energy			1:20pm - 1:35pm							
	1:35pm - 1:50pm			Keynote Speaker Dr. Ami Appelbaum, Israel Innovation Authority			1:35pm - 1:50pm							
1:50PM - 2:30PM				NETWORKING BREAK, VISIT EXHIBITORS				1:50PM - 2:30PM						
SESSION II 2:30pm - 3:45pm	Heavy Duty Vehicle Electrification and its Impact		MicroGrids		Advanced Sensing for Smart Energy Management		Challenges & Success of Solar Adoption		Additive Manufacturing via Functional Printing		Developer's Round Table		Sustainable Gas Systems- New Business Models	
	CHAIRPERSON: John Markowitz, NYPA Danny Ilioiu, MTA NYC Transit Bethany Whitaker, VEIC Baskar Vairamohan, EPRI Peter Rego, The Lion Electric Co.		CHAIRPERSON: Francisco Flores, NREL Andrew Scobie, The Faraday Grid Dr. Arindam Maitra, EPRI Dr. Xianyong Feng, UT-CEM Arunkumar Vedhathiri, National Grid		CHAIRPERSON: Patrick Finch, Booz Allen Hamilton Dr. Ya Wang, Stony Brook University Dr. Michael Gouzman, Stony Brook University Daniel Rousse, T3E Jose Castillo, Jasmine Universe		CHAIRPERSON: Houtan Moaveni, NYSERDA Joe White, Orange & Rockland Utilities, Inc. Daniel Spitzer, Hodgson Russ LLP Nick Baudouin, Project Economics		CHAIRPERSON: Dr. Denis Cormier, Rochester Institute of Technology Arkady Malakhov, Solid Cell Sudhir Kulkarni, PBC Tech John Olenick, EnRG		CHAIRPERSON: Joe Martens, NY Offshore Wind Alliance Thomas Brostrom, Ørsted Jeffrey Grybowski, Deepwater Wind Christer af Geijerstam, Statoil Lars Thaaning Pedersen, Copenhagen Infrastructure Partners (CIP)		CHAIRPERSON: Keith Rooney, National Grid Prof. Clive Clayton, Stony Brook University Matt Tomich, Energy Vision Sean Gleeson, Noblehurst Green Energy LLC Bill Jorgensen, Vanguard Renewables	
3:45PM - 4:15PM				NETWORKING BREAK, VISIT EXHIBITORS				3:45PM - 4:15PM						
SESSION III 4:15pm - 5:30pm	Energy Implications of Autonomous Vehicles		Role of Utilities in Advancing Microgrids		Built Environment Cybersecurity		Transitioning from Net Metering		Additive Manufacturing for Aerospace Applications		Offshore Wind Policy Considerations in Industry & Port Development		Technology to Market: Emerging Technologies	
	CHAIRPERSON: Joah Sapphire, Axial + GDG Adam Jonas, Morgan Stanley Brad Rutherford, Local Motors Michael Brown, Southwest Research Institute		CHAIRPERSON: James T. Gallagher, NYS Smart Grid Consortium Bob Loughney, Couch White LLP Carol Sedewitz, National Grid Andre Wellington, Con Edison		CHAIRPERSON: Pat Malone, Stony Brook University Ernest Schirmer, WSP USA Glen Carolo, True Access Networks Joe Klotz, Johnson Controls Wilson Lin, NYCEDC Cybersecurity Kenneth Carnes, NYPA Ignatius Grande, Berkeley Research Group		CHAIRPERSON: David Sandbank, NYSERDA Sean Garren, Vote Solar Hannah Masterjohn, Clean Energy Collective Ilan Guthez, Borrego Solar Evan Dube, Sunrun Stephen Wemple, Con Edison		CHAIRPERSON: Dr. Denis Cormier, Rochester Institute of Technology Jason Jones, Moog Scott Vader, Vader Systems Wallace Patterson, nTopology		CHAIRPERSON: Dr. Kathleen Araújo, Stony Brook Univ. Bonnie Ram, University of Delaware Ross Tyler, Business Network for Offshore Wind Bruce Hamilton, Navigant Andy Geissbuehler, RRI		CHAIRPERSON: Chris Cavanagh, National Grid Steven Lichtin, Go Electric, Inc. Dr. Shailesh Upreti, C4V Angelo D'Anzi, StorEn Dr. Gabriel Rodriguez-Calero, Ecoelectro Paul Mutolo, Standard Hydrogen Corp.	
5:30PM - 6:30PM				RECEPTION, EXHIBITS, JUDGED POSTER SESSION				5:30PM - 6:30PM						
6:30PM				ADJOURNED, REGISTRANTS ARE NOW FREE TO GO OUT TO A LOCAL RESTAURANT FOR DINNER				6:30PM						

CONFERENCE AGENDA – WEDNESDAY, MARCH 28

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7:30am **Registration Open & Continental Breakfast Begins in the Exhibit Area - Open Networking Period**

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PLENARY SESSION	8:00am -8:05am	Opening Remarks Dr. Yacov Shamash, Stony Brook University	Opening Remarks Dr. Yacov Shamash, Stony Brook University	8:00am -8:05am	PLENARY SESSION
	8:05am -8:20am	Keynote Speaker Pierre Moreau, Minister of Energy and Natural Resources, Quebec	Keynote Speaker Pierre Moreau, Minister of Energy and Natural Resources, Quebec	8:05am -8:20am	
	8:20am -8:35am	Plenary Speaker Casey Walsh Cady, California Department of Food and Agriculture	Plenary Speaker Casey Walsh Cady, California Department of Food and Agriculture	8:20am -8:35am	
	8:35am -8:50am	Keynote Speaker Wang Hongguang, PhD, Deputy Director General Chinese Academy of Science and Technology for Development, Ministry of Science and Technology	Keynote Speaker Wang Hongguang, PhD, Deputy Director General Chinese Academy of Science and Technology for Development, Ministry of Science and Technology	8:35am -8:50am	
	8:50am - 8:55am	Closing Logistics Robert Catell, AERTC	Closing Logistics Robert Catell, AERTC	8:50am - 8:55am	

8:55AM - 9:30AM **NETWORKING BREAK, VISIT EXHIBITORS** 8:55AM - 9:30AM

SESSION IV 9:30am - 10:45am	TRACK A	TRACK B	TRACK C	TRACK D	TRACK E	TRACK F	TRACK G
	Early Stage & Growth Capital CHAIRPERSON: Mark Austin, <i>Bright Capital</i> Sarah Kearney, <i>PRIME Coalition</i> John Santoleri, <i>Clean Energy Venture Group NY</i> Praveen Sahay, <i>WAVE Equity Partners</i> Rahul Bhalodia, <i>Constellation Technology Ventures</i> Bill Lese, <i>Braemar Energy Ventures</i>	Advanced Distributed Simulation Tools CHAIRPERSON: Jeff Smith, <i>EPRI</i> Dr. Mohammad Mojedhi, <i>O'Brien and Gere</i> Robert Broadwater, <i>EDD</i> Dave MacRae, <i>Opus One Solutions</i>	Smart Buildings - Owners' Perspective CHAIRPERSON: Joseph Borowiec, <i>NYSERDA</i> Jerritt Gluck, <i>Bonded Energy</i> John J. Gilbert III, <i>Rudin Management Company, Inc.</i>	Meeting Peak Demand Through Energy Storage CHAIRPERSON: Scott Egbert, <i>NYSERDA</i> Ravi Manghani, <i>GTM Research</i> Christian Perreault, <i>Hydro-Quebec</i> Rick Cutright, <i>GE</i> John Bellacicco, <i>Stem</i>	The Digital Utility CHAIRPERSON: Kaumil Dalal, <i>West Monroe Partners</i> Doug McMahon, <i>NYPA</i> Steve Sundstrom, <i>C3 IOT</i> Kevin Dick, <i>Programs Delta Institute</i> Kristin Barbato John Sprunger, <i>West Monroe Partners</i>	Offshore Wind Workforce CHAIRPERSON: Ross Gould, <i>WDI</i> Chris Van Beek, <i>Deepwater Wind</i> Matt Vestal, <i>NYSERDA</i> Janice Padula, <i>Clinton Community College</i>	Emerging Technologies CHAIRPERSON: David South, <i>West Monroe Partners</i> Doron Brenmiller, <i>Brenmiller Energy</i> Michael Brookman, <i>BRASH Power</i> Jason Salfi, <i>Dimensional Energy</i>

10:45AM - 11:30AM **NETWORKING BREAK, VISIT EXHIBITORS** 10:45AM - 11:30AM

SESSION V 11:30am - 12:45pm	Raising Capital: Lessons Learned CHAIRPERSON: Mark Sperry, <i>Sperry Energy</i> Dr. Gabriel Rodriguez-Calero, <i>Ecolectro</i> Andy Frank, <i>Sealed</i> Colleen Costello, <i>Vital Vio</i> Rob Anstey, <i>Graphenix Development</i>	The DSO/DSP Transition CHAIRPERSON: Dr. Bob Currie, <i>Smarter Grid Solutions</i> Damian Sciano, <i>Con Edison</i> Kevin Morissey, <i>Smarter Grid Solutions</i> Keith Bell, <i>University of Strathclyde</i> Simon Gill, <i>University of Strathclyde</i> Will Fisher, <i>Summit Ridge Energy</i> Michael Razanousky, <i>NYSERDA</i>	Smart Buildings Solutions CHAIRPERSON: Dr. Edward A. Bogucz, <i>Syracuse University</i> Steve Lynch, <i>IntellaStar</i> John Petze, <i>Skyfoundry</i> Dan Leonhardt, <i>EcoSystem Energy</i> Seth Frader-Thompson, <i>EnergyHub</i>	Energy Storage Permitting Requirements CHAIRPERSON: Jason Doling, <i>NYSERDA</i> Tria Case, <i>CUNY</i> Paul Rogers, <i>FDNY</i> Victoria Carey, <i>DNV GL</i>	Big Data Analytics CHAIRPERSON: Paul DeCotis, <i>West Monroe Partners</i> Jorge Calzada, <i>National Grid</i> Steve Fine, <i>ICF Consulting</i> Trin Ankurb, <i>Infosys Utility Business Unit</i> Cameron Cross, <i>West Monroe Partners</i>	Offshore Wind Technologies to Reduce Costs CHAIRPERSON: TO BE ANNOUNCED Dr. Jeff Freedman, <i>University at Albany</i> Mike Passaretti, <i>ULC Robotics</i>	Heat Pumps: Utilities, Emerging Business Models and Enabling R&D CHAIRPERSON: Donovan Gordon, <i>NYSERDA</i> Bob Wyman Jens Ponikau, <i>GroundUp</i> Chong "John" Lin, <i>National Grid</i> Margarett Jolly, <i>Con Edison</i>
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12:45PM - 1:15PM **NETWORKING BREAK, VISIT EXHIBITORS** 12:45PM - 1:15PM

1:15pm **Lunch Begins & Exhibit Area Will Close** 1:15pm

PLENARY SESSION	1:15pm -1:20pm	Welcome Samuel L. Stanley Jr., MD, President, Stony Brook University	Welcome Samuel L. Stanley Jr., MD, President, Stony Brook University	1:15pm -1:20pm	PLENARY SESSIONS
	1:20pm -1:30pm	Opening Remarks Chancellor Kristina M. Johnson, PhD, The State University of New York	Opening Remarks Chancellor Kristina M. Johnson, PhD, The State University of New York	1:20pm -1:30pm	
	1:30pm -1:50pm	Fireside Chat John Rhodes, Chair, New York State Department of Public Service Katherine Hamilton, Chair 38 North Solutions	Fireside Chat John Rhodes, Chair, New York State Department of Public Service Katherine Hamilton, Chair 38 North Solutions	1:30pm -1:50pm	
	2:05pm -2:55pm	Keynote Panel of Utilities Kenneth Daly, National Grid • Tim Cawley, Con Edison Dan Eichhorn, PSEG-LI • Steve Demers, Hydro-Quebec International Peter Oleksiak, DTE Energy	Keynote Panel of Utilities Kenneth Daly, National Grid • Tim Cawley, Con Edison Dan Eichhorn, PSEG-LI • Steve Demers, Hydro-Quebec International Peter Oleksiak, DTE Energy	2:05pm -2:55pm	
	2:55pm -3:10pm	Plenary Speaker Dr. Thierry Godart, Intel Corporation	Plenary Speaker Dr. Thierry Godart, Intel Corporation	2:55pm -3:10pm	
	3:10pm -3:25pm	Keynote Speaker Brad Gammons, Global Managing Director, IBM Energy, Environment and Utilities Industry	Keynote Speaker Brad Gammons, Global Managing Director, IBM Energy, Environment and Utilities Industry	3:10pm -3:25pm	
	3:25pm -3:40pm	Plenary Speaker	Plenary Speaker	3:25pm -3:40pm	
	3:40pm - 3:45pm	Closing Remarks Robert Catell, AERTC	Closing Remarks Robert Catell, AERTC	3:40pm - 3:45pm	

3:45PM - 4:00PM **NETWORKING BREAK, VISIT EXHIBITORS** 3:45PM - 4:00PM

4:00PM **CONFERENCE ADJOURNED** 4:00PM