		Chairperson in Bold			
	TRACK/ SESSION	SESSION TITLE	NAME	ORGANIZATION	
	A1	Unconventional Oil and Gas: Opportunity or risk?	Dr. Gerald Stokes	Brookhaven National Laboratory	PANEL DISCUSSION
2	A1	Unconventional Oil and Gas: Opportunity or risk?	Mr. John Allocca	National Grid	PANEL DISCUSSION
	A1	Unconventional Oil and Gas: Opportunity or risk?	Dr. Steven Hamburg	Environmental Defense Fund	PANEL DISCUSSION
	A2	Energy Policy and Climate Change	Dr. Gerald Stokes	Brookhaven National Laboratory	PANEL DISCUSSION
Δ	A2	Energy Policy and Climate Change	Dr. Sergej Mahnovski	New York City Mayor's Office	PANEL DISCUSSION
	A3	The Utility of the Future: Distributed or not?	Mr. Paul DeCotis	Long Island Power Authority	PANEL DISCUSSION
	A3	The Utility of the Future: Distributed or not?	Mr. Robert Kendall	Navigant Consulting	PANEL DISCUSSION
	A3	The Utility of the Future: Distributed or not?	Mr. William Zarakas	The Brattle Group	PANEL DISCUSSION
	A3	The Utility of the Future: Distributed or not?	Dr. Clark Gellings	EPRI	PANEL DISCUSSION
	A4	New York State Green Bank	Mr. Greg Hale	National Resources Defense Council	PANEL DISCUSSION
	A4	New York State Green Bank	Ms. Susan Leeds	NYC Energy Efficiency Corporation	PANEL DISCUSSION
	A4	New York State Green Bank	Mr. Granville Martin	JPMorgan Chase	PANEL DISCUSSION
	A4	New York State Green Bank	Mr. Douglass Sims	National Resources Defense Council	PANEL DISCUSSION
	A4	New York State Green Bank	Mr. Jeff Pitkin	NYSERDA	PANEL DISCUSSION
	A5	NY-Sun Initiative	Mr. Guy Sliker	New York Power Authority	PANEL DISCUSSION
1	A5	NY-Sun Initiative	Mr. Michael Deering	Long Island Power Authority	PANEL DISCUSSION
-	A5	NY-Sun Initiative	Ms. Janet Joseph	NYSERDA	PANEL DISCUSSION
Μ	A6	Climate Adaptations & Mitigation Strategies	Dr. Sergej Mahnovski	New York City Mayor's Office	PANEL DISCUSSION
а	A6	Climate Adaptations & Mitigation Strategies	Mr. Robert Schimmenti	ConEdison	PANEL DISCUSSION
у	A6	Climate Adaptations & Mitigation Strategies	Dr. Cynthia Rosenzweig	NASA GISS	PANEL DISCUSSION
	A6	Climate Adaptations & Mitigation Strategies	John Reese	US Power Generating Company	PANEL DISCUSSION
	A6	Climate Adaptations & Mitigation Strategies	Richard Cohen	NYU Langone	PANEL DISCUSSION
	A7	Infrastructure Hardening Strategies & Technologies	Dr. Jim Misewich	Brookhaven National Laboratory	
	A7	Infrastructure Hardening Strategies & Technologies	Dr. Ralph Masiello	DNV-KEMA	A Path Toward a Highly Reliable Energy
	A7	Infrastructure Hardening Strategies & Technologies	Mr. Asim Hussain	Bloom Energy	Bloom Energy – Resilient Energy Solution
	A7	Infrastructure Hardening Strategies & Technologies	Mr. Kevin Peterson	United States Department of Homeland Security	The Office of Infrastructure Protection
	B1	Brookhaven National Laboratory User Facilities	Dr. Doon Gibbs	Brookhaven National Laboratory	NOT NEEDED
	B1	Brookhaven National Laboratory User Facilities	Dr. Steven Dierker	Brookhaven National Laboratory	National Synchrotron Light Source II
	B1	Brookhaven National Laboratory User Facilities	Dr. Emilio Mendez	Brookhaven National Laboratory	Energy Research at the Center for Func
3	B1	Brookhaven National Laboratory User Facilities	Dr. Robert Harrison	Brookhaven National Laboratory	High performance computing applied to
0	B2	United States Department of Energy User Facilities	Dr. Doon Gibbs	Brookhaven National Laboratory	NOT NEEDED
-	B2	United States Department of Energy User Facilities	Dr. G. Brian Stephenson	Argonne National Laboratory	Advanced Energy Research Opportuniti
Α	B2	United States Department of Energy User Facilities	Dr. Sean Smith	Oak Ridge National Laboratory	Computing, Nanoscience & Neutrons: In
р	B2	United States Department of Energy User Facilities	Dr. Roger Falcone	Lawrence Berkeley National Laboratory	Energy Research at the Advanced Light
r	B3	Lessons Learned- Hurricane Preparation	Mr. Gene Martin	AECOM	PANEL DISCUSSION
	B3	Lessons Learned- Hurricane Preparation	Mr. Timothy Cawley	Con Edison	PANEL DISCUSSION
	B3	Lessons Learned- Hurricane Preparation	Dave Daily	PSE&G	PANEL DISCUSSION
	B3	Lessons Learned- Hurricane Preparation			PANEL DISCUSSION
	B4	Advanced Data Centers & Strategic Directions	Mr. Robert Huang	The Cadmus Group/EPA	ENERGY STAR Data Center Efforts
	B4	Advanced Data Centers & Strategic Directions	Mr. Jeff Burke	OptiCool Technologies	Data Center Cooling: Exceptional Efficie
	B4	Advanced Data Centers & Strategic Directions	Dr. Ken Birman	Cornell University	Using Cloud Computing to Manage the
	B4	Advanced Data Centers & Strategic Directions	Mr. Paul Bonaro	Yahoo	

PRESENTATION TITLE				
F. 4				
Future				
ns				
ional Nanomatorials				
today's energy challenges				
today's energy chanenges				
as at Argonne National Laboratory				
tegrated Studies of Energy Materials				
Source Sunchrotron				
Source Synchrotron				
ncy for Universal Requirements				
Smart Grid				

B5	Smart Data Centers Design	Dr. Roger Schmidt	IBM	Monitoring/Measurement Technology
B5	Smart Data Centers Design	Mr. Brad Thrash	GE	"Free Critical Power" for Energy Efficier
B5	Smart Data Centers Design	Dr. H. Ezzat Khalifa	Syracuse University	Energy-Optimized Load Placement in Da
B5	Smart Data Centers Design	Mr. Jack Glass	Citigroup	Green Concepts for New and Existing D
B6	Greening Data Centers	Mr. Dan Mascola	Vigilent, Inc.	Optimizing Efficiency in Existing Data C
B6	Greening Data Centers	Dr. Nicole Peill-Moelter	Akami Technologies	The Case for Collocation Datacenter End
B6	Greening Data Centers	Mr. William Amann	M&E Engineers	Making Efficiency Work
B6	Greening Data Centers	Mr. Jim Mercer	CA Technologies	Data Center Evolution and DCIM
B7	Security & Education in Green Data Centers	Dr. Xiaohui Cui	Oak Ridge National Laboratory	Energy-Efficient Computing in GPU-Bas
B7	Security & Education in Green Data Centers	Dr. Ziqian Dong	New York Institute of Technology	Green Cloud Data Center Networks
B7	Security & Education in Green Data Centers	Dr. Roberto Rojas-Cessa	New Jersey Institute of Technology	Datacenters, SmartGrid, and Education

	C1	Storage Requirements for Electric Drive Vehicles	Mr. Matt Fronk	NY-BEST	Life Testing Learnings for Batteries and
	C1	Storage Requirements for Electric Drive Vehicles	Ms. Jaycie Chitwood	Toyota	Future Vehicle Technologies
	C1	Storage Requirements for Electric Drive Vehicles	Mr. Tim Wells	BAE Systems	Ever Expanding Requirements for Energ
3	C1	Storage Requirements for Electric Drive Vehicles	Dr. Amy Marschilok	Stony Brook University	Design concepts for lightweight, high er
	C2	Grid Scale Energy Storage I	Chrmn. Garry Brown	New York State Public Service Commission	Energy Storage Technologies in New Yo
0	C2	Grid Scale Energy Storage I	Mr. John Zahurancik	AES Energy Storage	Advanced Energy Storage for New York,
Δ	C2	Grid Scale Energy Storage I	Mr. Matthew Maroon	GE Energy Storage	Energy storage: Who, What and When?
	C2	Grid Scale Energy Storage I	Mr. Bill Radvak	American Vanadium	What? Someone is already manufacturi
P r	C2	Grid Scale Energy Storage I	Mr. Akira Morise	Toshiba	
	С3	Grid Scale Energy Storage II	Dr. Rajshekar DasGupta	Electrovaya	Utility Energy Storage Solutions using L
	C3	Grid Scale Energy Storage II	Mr. Roger Lin	A123	Frequency Response Using Grid Scale Li
	C3	Grid Scale Energy Storage II	Dr. Valerio DeAngelis	Urban Electric Power Inc.	Grid Storage With Advanced Rechargea
	C3	Grid Scale Energy Storage II	Mr. Bikram Chatterji	Third Power	Unlocking Capacity: Realizing Hidden Op
	C4	Energy Storage Policy	Mr. Michael Stosser	Day Pitney	PANEL DISCUSSION
	C4	Energy Storage Policy	Mr. John Norris	Federal Energy Regulatory Commission	PANEL DISCUSSION
	C4	Energy Storage Policy	Mr. Robert Pike	New York Independent System Operator	PANEL DISCUSSION
	C4	Energy Storage Policy	Dr. William Acker	NY-BEST	PANEL DISCUSSION
	C5	Community Energy Storage	Dr. Ali Nourai	DNV KEMA Energy & Sustainability	Why CES and at what Cost?
1	C5	Community Energy Storage	Mr. Brad Roberts	S&C Electric	Community Energy Storage – A New Gri
-	C5	Community Energy Storage	Dr. Glenn Skutt	PowerHub Systems	Outcomes of Recent Utility CES Demons
М	C6	Technology Advancements in Energy Storage	Dr. Esther Takeuchi	Stony Brook University	Battery Science: The Keystone of the E
а	C6	Technology Advancements in Energy Storage	Mr. Chad Hall	loxus	Advancements in ultracapacitor techno
У	C6	Technology Advancements in Energy Storage	Mr. Larry Thomas	Primet Precision Materials	Process technology – not molecules - w
	C6	Technology Advancements in Energy Storage	Dr. Stanley Whittingham	Binghamton University	Progress in Lithium Ion Batteries
	С7	Fuel Cell Advancements	Dr. Sathya Motupally	UTC Power	Advances in transportation and station
	C7	Fuel Cell Advancements	Mr. Arkady Malakhov	Solid Cell	Bucking the Trend: SOFC Technology &
	C7	Fuel Cell Advancements	Mr. Andy Marsh	Plug Power	Commercial Fuel Cell Adoption
	C7	Fuel Cell Advancements	Dr. Doreen Edwards	Alfred University	FUEL CELL TECHNOLOGY- COMMERCIAL

	D1	Retrofit revolution: Energy efficiency & occupant well-being	Mr. Lane Burt	United States Green Building Council	
	D1	Retrofit revolution: Energy efficiency & occupant well-being	Mr. William Browning	Terrapin Bright Green, LLC	Retrofit or Replace, Dealing with Midcer
3	D1	Retrofit revolution: Energy efficiency & occupant well-being			
0	D2	Transformational policies to accelerate retrofits	Mr. Greg Hale	National Resources Defense Council	A City-Based Energy Efficiency Policy St
-	D2	Transformational policies to accelerate retrofits	Ms. Elena Alschuler	United States Department of Energy	DOE's Commercial Building Energy Effici

y for a Smarter Data Centers

t Data Centers

ata Centers

ata Centers

Centers

ergy Efficiency

ed Heterogeneous Systems

Fuel Cells

y Storage

nergy batteries

ork's Electricity Markets

Lessons from the Field

ng grid scale vanadium flow batteries?

ithium-ion Battery Technology

thium Ion Batteries

ble Zinc Anode Battery Technology

pportunities for Energy Storage

id Management Tool

stration Projects

Energy Future

logy and capabilities

ill drive EV success

nary fuel cells

Commercialization

STATUS AND RESEARCH DIRECTIONS

ntury (un)Modern Manhattan Buildings

rategy

iency programs

Α	D2	Transformational policies to accelerate retrofits	Mr. Peter Douglas	NYSERDA	Advanced Building Systems: Technolog
р	D2	Transformational policies to accelerate retrofits	Mr. Lloyd Kass	New York Power Authority	Build Smart NY: Strategies to Ensure a 2
r	D3	Rust-Belt Rebirth with Revolutionary Retrofits	Mr. Richard Cook	Cook + Fox Architects	A Flexible Prototype for Shrinking Citie
	D3	Rust-Belt Rebirth with Revolutionary Retrofits	Mr. Peter King	King & King Architects	Human Benefits: Advanced Energy Vision
	D3	Rust-Belt Rebirth with Revolutionary Retrofits	Mr. Tom Fernandez	The Woodbine Group	Hotel Skyler
	D4	Revolutionizing retrofit financing	Mr. Sidney Davidson	Utilities Conservation Company	A model for financing Energy Efficiency
	D4	Revolutionizing retrofit financing	Mr. Thomas Polich	Monolith Solar Associates	The Art of PPA Structure, Implementat
	D5	Combining heat & power for retrofit excellence	Mr. Timothy Banach	Pace Energy and Climate Center	CHP: Advancing Building Efficiency wit
	D5	Combining heat & power for retrofit excellence	Mr. Gearoid Foley	Integrated CHP Systems Corp	CHP as a Public Policy Tool
	D5	Combining heat & power for retrofit excellence	Mr. Joseph Camean	van Zelm Engineers	Big Building CHP in NYC - One Penn Pla
	D6	Investing in innovations for retrofits	Ms. Silda Wall Spitzer	NewWorld Capital Group	Retrofits then and now
	D6	Investing in innovations for retrofits	Mr. Louis Schick	NewWorld Capital Group	Adoption barriers for a new technology
	D6	Investing in innovations for retrofits	Mr. Curtis Ravenel	Bloomberg	Retrofits for Businesses and Investors
	D6	Investing in innovations for retrofits	Ms. Pat Sapinsley	Build Efficiently/Watt Not	Just-Do-It: Lighting and Building Optimi
	D7	Innovations for Revolutionary Retrofits	Dr. H. Ezzat Khalifa	Syracuse University	Distributed Environmental Control Sys
	D7	Innovations for Revolutionary Retrofits	Mr. Steve Slayzak	Coolerado Corp.	Field Results for Retrofitting Retail Coo
	D7	Innovations for Revolutionary Retrofits	Mr. William Shultes	NuClimate	Induction Chilled Beams for New and E
	D7	Innovations for Revolutionary Retrofits	Mr. Tony Abate	Atmos Air Solutions	Air Purification for Healthy Energy Effic
	E4	From Data to Urban Informatics	Dr. Steven Koonin	NYU Center for Urban Science and Progress	The Promise of Urban Science
	E5	Visualization of NYC Transportation Data	Dr. Claudio Silva	NYU Center for Urban Science and Progress	
1	E5	Visualization of NYC Transportation Data	Dr. Carlos Scheidegger	AT&T	
-	E6	Towards the Next Quadrennial Technology Review	Mr. Micah Kotch	NYC ACRE	
Μ	E6	Towards the Next Quadrennial Technology Review	Mr. Jayanth Eranki	InfoSys	
а	E6	Towards the Next Quadrennial Technology Review	Mr. Joe O'Connor	VisorPoint	Entering the Zettabyte Era
у	E7	Urban Building Energy Data Analytics	Dr. Constantine Kontokosta	NYU Center for Urban Science and Progress	The Promise of Data-Driven Decisions
	E7	Urban Building Energy Data Analytics	Ms. Laurie Kerr	New York City's Office of Long Term Planning and Sustainability	City Benchmarking and Audit Policies &
	E7	Urban Building Energy Data Analytics	Mr. Andrew Padian	The Community Preservation Corporation	
	F1	Business Innovation- The Long Island Region	Mr. Lawrence J. Waldman	EisnerAmper	CHAIRPERSON
	F1	Business Innovation- The Long Island Region	Mr. Paul Schwartz	ThermoLift	ThermoLift – The Ultimate Heat Pump
	F1	Business Innovation- The Long Island Region	Dr. George Hendrey	COAWAY	COAWAY Aims to produce low-cost CO
	F1	Business Innovation- The Long Island Region	Mr. Young Lee	SubSea	New Hydrokinetic Turbine/Generator F
3	F2	Business Innovation- Buffalo	Mr. Michael Faltischek	Ruskin Moscou Faltischek	CHAIRPERSON
0	F2	Business Innovation- Buffalo	Dr. Charles Akers	Isolation Sciences	CAP- Lowers Energy Consumption in La
-	F2	Business Innovation- Buffalo	Mr. Rob Anstey	Graphene Devices	GDL's Graphene Integration and Marke
Α	F2	Business Innovation- Buffalo	Mr. Brian Schultz	University at Buffalo	Smart Windows for the Improved Energy
р	F2	Business Innovation- Buffalo	Dr. Vladimir Mitin	Optoelectronic Nanodevices	Quantum Dot Nanomaterial for Efficier
r	F3	Business Innovation- Syracuse	Mr. Ray Farrell	Carter, DeLuca, Farrell & Schmidt LLP	CHAIRPERSON
	F3	Business Innovation- Syracuse	Mr. Alessandro Anzani	WavElectric	WavElectric Inc.: Green Power out of th
	F3	Business Innovation- Syracuse	Mr. Nathan Ball	NOHMs Technologies	Advanced Lithium Ion Batteries: Crossi
	F3	Business Innovation- Syracuse	Dr. Shreefal Mehta	Paper Battery Company	Paper Battery Company
	F3	Business Innovation- Syracuse	Mr. John McMahon	Cortland Research	Brief Description of a POUNCE Energy (
	F4	Entrepreneurs in Innovation	Mr. Jim Mercer	CA Technologies	CHAIRPERSON
	F4	Entrepreneurs in Innovation	Mr. Harry Epstein	Quadrant Management	holistic thinking - collaborative doing: E
	F4	Entrepreneurs in Innovation	Ms. Jennifer Indovina	Tenrehte	Sensing the Enernet

y and Market Development Investments 20% Reduction in Energy Use in NY State Facilities by 2020 on for Near Westside in Commercial Buildings ion and Finance th Combined Heat and Power (CHP) za nization for Energy Efficiency stems oling Hybridization xisting Buildings cient Buildings & the Energy Knowledge Revolution 2 for the \$12B EOR Market Principles and Products aboratory Facilities et Impact rgy Efficiency of Buildings nt Broadband Photovoltaic Conversion he Blue ing the Tipping Point Conservation System Energy options and opportunities

	F4	Entrepreneurs in Innovation	Mr. Ryan McGann	Solar Cool Technologies	Pioneering Solar Refrigeration
1	F5	Business Innovation- New York City	Dr. Alex Couzis	CCNY	CHAIRPERSON
	F5	Business Innovation- New York City	Mr. Frank Zammataro	Rentricity, Inc.	Rentricity, Inc.
	F5	Business Innovation- New York City	Mr. Jonathan McClelland	DG Energy Partners	Financial Education for the Solar Indust
м	F5	Business Innovation- New York City	Ms. Mei Shibata	ThinkEco	ThinkEco Inc.
2	F5	Business Innovation- New York City	Mr. David Mahfouda	Weeels	Weeels
	F6	Promoting Entrepreneurship in New York City	Mr. David Gilford	New York City Economic Development Corporation	Cleantech innovation and entrepreneu
У	F6	Promoting Entrepreneurship in New York City	Mr. Jeffrey Peterson	NYSERDA	New York State's Clean Energy Technol
	F6	Promoting Entrepreneurship in New York City	Dr. Reed Phillips	Energystics, Ltd	Vertically Oriented Linear Electrical Ger
	F6	Promoting Entrepreneurship in New York City	Mr. Seth Frader-Thompson	EnergyHub	Residential Energy Management: Shiftin
	F7	Creating Successful Clean Energy Companies	Dr. Kimberley Elcess	Brookhaven National Laboratory	Clean Energy Companies: Dimensions
	F7	Creating Successful Clean Energy Companies	Ms. Trudy Lehner	SuperPower, Inc.	SuperPower's path to leadership in clea
	F7	Creating Successful Clean Energy Companies	Mr. John Freer	GE Global Research	SUCCESS FACTORS IN CLEAN ENERGY C
	G1	Career Pathways & The Expanding Role of LEED	Ms. Elisa Kahn	Green Building Certification Institute	PANEL DISCUSSION
	G1	Career Pathways & The Expanding Role of LEED	Mr. Neil Rosen	North Shore LIJ	PANEL DISCUSSION
	G1	Career Pathways & The Expanding Role of LEED	Ms. Pamela Mendez	WSP Flack & Kurtz	PANEL DISCUSSION
	G2	Certification & Accreditations in the Clean Energy Economy	Ms. Rebecca Sterling	NYSERDA	PANEL DISCUSSION
2	G2	Certification & Accreditations in the Clean Energy Economy	Mr. Joe Sarubbi	Interstate Renewable Energy Council	PANEL DISCUSSION
3	G2	Certification & Accreditations in the Clean Energy Economy	Ms. Kristen Ferguson	Interstate Renewable Energy Council	PANEL DISCUSSION
0	G2	Certification & Accreditations in the Clean Energy Economy	Mr. Matthew Anderson	Building Performance Institute	PANEL DISCUSSION
-	G2	Certification & Accreditations in the Clean Energy Economy	Mr. Richard Lawrence	North American Board of Certified Energy Practitioners	PANEL DISCUSSION
A	G2	Certification & Accreditations in the Clean Energy Economy	Mr. Benjamin Goldstein	United States Department of Energy	PANEL DISCUSSION
р	G3	Training for Commercial Buildings	Ms. Patricia Malone	Advanced Energy Training Institute	PANEL DISCUSSION
r	G3	Training for Commercial Buildings	Ms. Lia Webster	PECI	PANEL DISCUSSION
	G3	Training for Commercial Buildings	Mr. Mike Bobker	CUNY Baruch	PANEL DISCUSSION
	G3	Training for Commercial Buildings	Mr. Paul Meyer	WSP Flack & Kurtz	PANEL DISCUSSION
	G3	Training for Commercial Buildings	Mr. Don MacDonald	ULDQS	PANEL DISCUSSION
	G3	Training for Commercial Buildings	Mr. Paul Reale	United States Green Building Council	PANEL DISCUSSION
	G4	Utility/Campus-Scale Geothermal	Ms. Susan Petty	AltaRock	Improving Economics of Advanced Tec
	G4	Utility/Campus-Scale Geothermal	Mr. Jeff Urlaub	MEP Associates	Geothermal: The New Big Man on Cam
	G4	Utility/Campus-Scale Geothermal	Mr. Paul Boyce	P.W. Grosser Consulting	Direct Groundwater Use for Campus-Sc
	G5	Urban Geothermal System Applications	Dr. Vijay Modi	The Earth Institute at Columbia University	District-Scale Geothermal Feasibility A
1	G5	Urban Geothermal System Applications	Mr. John Rice	AKF Group Engineers	Retrofitting Existing Buildings for Geoth
	G5	Urban Geothermal System Applications	Mr. John Rhyner	P.W. Grosser Consulting	Overcoming Obstacles to Applying Geo
-	G6	Paths to a Carbon-Free Economy	Dr. Arjun Makhijani	Institute for Energy and Environmental Research	A Carbon-Free and Nuclear Free Energ
	G6	Paths to a Carbon-Free Economy	Dr. Georg Maue	Embassy of the Federal Republic of Germany	Powering the German Electrical Grid wi
a	G6	Paths to a Carbon-Free Economy	Mr. Kristopher Stevens	Ontario Sustainable Energy Association	Ontario's Green Energy Act: Powering F
У	G6	Paths to a Carbon-Free Economy	Ms. Valerie Strauss	Alliance for Clean Energy New York	New York's Clean Energy Future
	G7	Choices: Natural Gas or Renewables?	Dr. Anthony Ingraffea	Cornell University	Greenhouse Gas Footprint of Shale Ga
	G7	Choices: Natural Gas or Renewables?	Mr. Alexander Ochs	Worldwatch Institute	Renewables and Natural Gas – Clean Ec
	G7	Choices: Natural Gas or Renewables?	Mr. Geoff Keith	Synapse Energy Economics	A Clean Electricity Vision for Long Island
	G7	Choices: Natural Gas or Renewables?	Dr. Pat Looney	Brookhaven National Laboratory	Low-Carbon Future for NYS: Opportunit
	H1	Energy Feedstocks	Dr. Timothy Volk	SUNY College of Environmental Science & Forestry	Woody biomass: old time fuel or futur
	H1 H1	Energy Feedstocks	Dr. Timothy Volk Mr. Dan Conable	SUNY College of Environmental Science & Forestry Cato Analytics	Woody biomass: old time fuel or futur Can Energy Crops Compete Today Or

ry

urship in NYC

logy Innovation Ecosystem

nerators Ocean Wave Energy Harvesting

ng the Focus to Software

of Success in Turbulent Times

an, green and smart energy technology

COMPANIES

chnology Geothermal Development in the Eastern US

ipus

cale Geothermal Systems

Analysis of NYC

iermal

othermal in NYC

gy System

ith Renewable Energy

Prosperity

as Development

conomy Allies or Competitors?

I

ties and Challenges

re renewable energy?

Ever?

3	H1	Energy Feedstocks	Mr. Matt McArdle	Mesa Reduction Engineering and Processing, Inc.	Biomass Logistics: The Pathway to BioEnergy Conversion Systems
0	H2	Solid Biomass Energy- Residential	Mr. Raymond Albrecht	Biomass Thermal Energy Council	CHAIRPERSON
-	H2	Solid Biomass Energy- Residential	Mr. Nathan Russell	NYSERDA	High Performance Biomass Heating
Α	H2	Solid Biomass Energy- Residential	Dr. Dan Loughlin	United States Environmental Protection Agency	Assessment of whole-house wood heating in NY
p	Н2	Solid Biomass Energy- Residential	Mr. Christopher Brown	Brookhaven National Laboratory	Residential Wood Combustion
r	нз	Solid Biomass Energy- Commercial	Dr. Ellen Burkhard	NYSERDA	The Next Generation of Commercial Biomass Thermal Systems
	НЗ	Solid Biomass Energy- Commercial	Mr. Mike Kelleher	SUNY College of Environmental Science & Forestry	Biomass Combined Heat and Power in Urban Centers
	нз	Solid Biomass Energy- Commercial	Mr. Robert Braun	Genesus Engineering	Study of Large Scale Gasification Systems Using Biomass for District Heating
	на	Biogas	Mr. Stenhen Hovt	NYSERDA	CHAIRPERSON
	на	Biogas	Mr. Donald Chabbazpour	National Grid	Securing a Role for Renewable Gas
	на	Biogas	Ms. Lauren Toretta	CH4 Biogas	Synergy Biogas: Food Waste Use in Anaerobic Digestion
	на	Biogas	Mr. Anthony Fiore	New York City Department of Environmental Protection	Use of Biogas: Historical and Prospective Views
	на	Biogas	Mr. Dave Robau	Gulf Coast Energy	Military Advances in Waste to Energy Technology
		Thermochemical Conversion to Eucls	Dr. Suresh Babu	Brookhaven National Laboratory	Thermochemical Conversion of Biomass to Eucle and Chemicals
1			Dr. Thomas Butchor	Prockhaven National Laboratory	Evaluating the Detential for Ponowable Heating Oil in Northeast
1.			Dr. Thomas Amidon	SUNV College of Environmental Science & Forestry	Evaluating the Potentian of Kenewable freading of in Northeast
M			Dr. Debases Doudroouw		Puels and improved conventional Products from woody Biomass
			Dr. Rebecca Boudreaux	Oberon Fuels	
	Но		wir. Steven Caputo		
У	H6		Nis. Isabelle Silverman	Environmental Detense Fund	Switching from Heavy Oil to Cleaner Heating Fuels
	H6		Mir. Raymond Albrecht	National Biodiesel Board	Energy and Environmental Benefits of Biodiesel for Heating
	H6	Alternative Liquid Fuels	Dr. Steven Fitzpatrick	Biofine LLC	The Chemical Route from Biomass to Biofuels
	H7	Bio Energy & Products in the Canada-New York Region	Dr. Andrew Pollard	Queen's University	Biomass densification and torrefaction technologies
	H7	Bio Energy & Products in the Canada-New York Region	Dr. Jon Pharoah	Queen's University	Fuel Cells, Electrolyzers and Bio Energy
	H7	Bio Energy & Products in the Canada-New York Region	Dr. Jeongmin Ahn	Syracuse University	Thermal Transpiration Based Pumping and SOFC Power Generation
	H7	Bio Energy & Products in the Canada-New York Region	Dr. Heather Coleman	Syracuse University	Tailoring feedstocks for biofuels and bioproducts
	11	Regional Smart Grid Challenges & Opportunities	Ms. Patricia Hoffman	United States Department of Energy	PANEL DISCUSSION
	11	Regional Smart Grid Challenges & Opportunities	Mr. Frank Murray	NYSERDA	PANEL DISCUSSION
	11	Regional Smart Grid Challenges & Opportunities	Mr. Stuart Nachmias	Con Edison	PANEL DISCUSSION
3	11	Regional Smart Grid Challenges & Opportunities	Mr. James Gallagher	New York Independent System Operator	PANEL DISCUSSION
0	12	Smart Grid in T&D: Report on DOE Funded Projects	Mr. Ed Reinfurt	Empire State Development	CHAIRPERSON
-	12	Smart Grid in T&D: Report on DOE Funded Projects	Mr. Tom Magee	Con Edison	Building a Smarter Grid through Distribution Automation
Α	12	Smart Grid in T&D: Report on DOE Funded Projects	Ms. Kathleen Dalpe	New York Independent System Operator	Smart Grid Investment Grant Project
р	12	Smart Grid in T&D: Report on DOE Funded Projects	Mr. Rob Rowe	National Grid	Smart Grid as a Process and a Life Cycle
r	13	The Role of the Customer & Smart Grid	Mr. H.G. Chissell	Viridity	Empowering Consumers: Entering the Smart Grid Future
	13	The Role of the Customer & Smart Grid	Mr. Matthew Enstice	Buffalo Niagara Medical Campus	Community-Engaged Campus/Utility Collaboration Drives Energy Innovation
	13	The Role of the Customer & Smart Grid	Mr. Ed White	National Grid	3 C's of Smart Grid: Choice, Control, Convenience
	13	The Role of the Customer & Smart Grid	Mr. Mohan Wanchoo	Jasmine Systems, Inc.	Home Area Networks – Expect More
	14	Energy Cybersecurity I	Dr. Rob Johnson	Stony Brook University	
	14	Energy Cybersecurity I	Mr. Andy Bochman	IBM	End to End Smart Grid Security
	14	Energy Cybersecurity I	Mr. William Miller	MaCT	XMPP for the Smart Grid
	14	Energy Cybersecurity I	Mr. Christian Glover Wilson	TigerSpike	
	15	Energy Cybersecurity II	Mr. Jeffrey Katz	IBM	Dealing with Your Smart Grid Insecurities
	15	Energy Cybersecurity II	Dr. Rae Zimmerman	NYU Wagner School of Public Service	Cyber Security Issues for Energy Production and Use
1	15	Energy Cybersecurity II	Mr. Ernest Hayden	Verizon	Four Layers of Smart Grid Security
	15	Energy Cybersecurity II	Special Agent	United States Federal Bureau of Investigation	Cyber Threats

-					
м	16	State of the Art & Future Smart Grid	Dr. Jim Misewich	Brookhaven National Laboratory	CHAIRPERSON
1/1	16	State of the Art & Future Smart Grid	Mr. Carl Imhoff	Pacific Northwest National Laboratory	Grid Modernization: A Strategic Imperative for 2050
a	16	State of the Art & Future Smart Grid	Dr. Mani Vadari	Modern Grid Solutions	Smart Grid – The Future is in Transformation
У	16	State of the Art & Future Smart Grid	Dr. Anjan Bose	Washington State University	The Architecture of the Next Generation Control Centers
	16	State of the Art & Future Smart Grid	Dr. Heiko Lehmann	Deutsche Telekom AG	Smart Grid Potential of Telco Infrastructure
	17	Regional Smart Grid Collaborations & Initiatives	Dr. Gerald Stokes	Brookhaven National Laboratory	CHAIRPERSON
	17	Regional Smart Grid Collaborations & Initiatives	Ms. Rebecca Norman	VSE Corp	Diagnostics, Prognostics and Condition Monitoring for Energy Efficiency
	17	Regional Smart Grid Collaborations & Initiatives	Mr. Omar Saad	Hydro Quebec Research Institute (IREQ)	Simulation and modeling of smarter large power grid
	17	Regional Smart Grid Collaborations & Initiatives	Mr. Matt Futch	IBM	The Success Path; building projects and ecosystems
	17	Regional Smart Grid Collaborations & Initiatives	Mr. Bruce Fardanesh	New York Power Authority	Advanced Applications for Power System Phasor Data
	J1	Advanced Technologies for Commercial Fleets I	Mr. Joseph Tario	NYSERDA	Sustainable Transportation Activities in New York State
	J1	Advanced Technologies for Commercial Fleets I	Mr. Nick Cohn	TomTom	Saving Fuel with Driver Feedback and Traffic Information
	J1	Advanced Technologies for Commercial Fleets I	Mr. Steve Sprouffske	Kapsch TrafficCom Inc.	Environmental and Economic impacts of 5.9 E-Screening
2	J1	Advanced Technologies for Commercial Fleets I	Mr. Richard McDonough	New York State Department of Transportation	Commercial Vehicle Infrastructure Integration Program
	J2	Alternative Fuels for Heavy Vehicles: Natural Gas and Biodiesel	Dr. Dennis Assanis	Stony Brook University	CHAIRPERSON
U	J2	Alternative Fuels for Heavy Vehicles: Natural Gas and Biodiesel	Mr. Paul Kerkhoven	NGVAmerica	NGV Vehicle Pulse
_	J2	Alternative Fuels for Heavy Vehicles: Natural Gas and Biodiesel	Mr. Steven Levy	Sprague Operating Resources LLC	Biodiesel – America's First Advanced Biofuel
	J2	Alternative Fuels for Heavy Vehicles: Natural Gas and Biodiesel	Mr. Rocco DiRico	New York City Department of Sanitation	Keeping New York City Clean and GREEN
	J2	Alternative Fuels for Heavy Vehicles: Natural Gas and Biodiesel	Mr. Bill Dawson	Volvo	Looking Beyond Diesel: Alternative Fuel Strategies for Heavy Duty Trucking
	J3	Advanced Technologies for Commercial Fleets II	Mr. John Boesel	CALSTART	The Multi Fuel & Tech Fleet Future
	J3	Advanced Technologies for Commercial Fleets II	Mr. Tom Brotherton	CALSTART	The New York Truck - Voucher Incentive Program (NYT-VIP)
	J3	Advanced Technologies for Commercial Fleets II	Mr. Gino Porter	PepsiCo	Our journey to deliver Fleet sustainability
	J3	Advanced Technologies for Commercial Fleets II	Mr. Joe Ambrosio	EMD	Hybrid Propulsion for Medium and Heavy Duty Applications
	J4	EV Infrastructure	Mr. John Markowitz	New York Power Authority	EV Infrastructure for Public Sites and Workplaces
	J4	EV Infrastructure	Mr. Richard Lowenthal	Coulomb Technologies	The Business of Electric Vehicle Fueling
	J4	EV Infrastructure	Ms. Cassandra Powers	Georgetown Climate Center	The Transportation & Climate Initiative Northeast Electric Vehicle Network
	J4	EV Infrastructure	Mr. Brian Valenza	Beam Charging LLC	Charding Station Installation
	J5	Urban Transportation Systems	Mr. Andrew Bata	Metropolitan Transportation Authority	CHAIRPERSON
1	J5	Urban Transportation Systems	Dr. John Tipaldo	New York City Department of Transportation	Midtown in Motion- Decongesting Traffic in the Midtown Core
1	J5	Urban Transportation Systems	Ms. Collette Ericsson	MTA Bus & New York City Transit Department of Buses	Bus Transit, from 'Good Enough' to Sustainable
М	J5	Urban Transportation Systems	Mr. Tom Lamb	МТА	Strategic Innovation in the Public Sector
a	J6	Transportation Demand Management (TDM)	Mr. Richard Drake	NYSERDA	Publicly Accessible EV Charging Infrastructure: challenges, status
v	J6	Transportation Demand Management (TDM)	Mr. Ellwood Hanrahan	New York State Department of Transportation	A Statewide Strategic Policy Framework to Improve TDM Delivery
y	J6	Transportation Demand Management (TDM)	Mr. Deron Lovass	National Resource Defense Council	TDM Initiatives: Opportunities and Challenges
	J6	Transportation Demand Management (TDM)	Mr. Jesse Kafka	vRide	Greening the Daily Grind with Commuter Vanpools
	J7	Transportation Land Use (TLU)	Mr. Paul Beyer	New York State Department of State	Saving Energy Through Transportation Demand Management
	J7	Transportation Land Use (TLU)	Mr. Thomas Madden	Town of Greenburgh	Developing Smarter at the Local Level
	J7	Transportation Land Use (TLU)	Mr. Paul Krekeler	New York State Department of Transportation	Transportation Sustainability Focus: Optimizing User Benefits
	J7	Transportation Land Use (TLU)	Mr. Daniel Hernandez	Jonathan Rose Companies Planning Practice	Planning for an Uncertain Future
	К1	Emerging Lighting Technologies	Dr. Robert Karlicek	Rensselaer Polytechnic Institute	Smart Lighting: Emerging Applications of a Disruptive Technology
	K1	Emerging Lighting Technologies	Dr. Hany Elgala	Boston University	Wireless Communications Potential of Solid-State Lighting: Visible-Light Communications
	K1	Emerging Lighting Technologies	Mr. Tom Hamilton	Ketra	Next Generation Color Control Technology
13	K1	Emerging Lighting Technologies	Mr. Joseph Adiletta	Digital Lumens	Shining the Light on Big Data

	К1	Emerging Lighting Technologies	Dr. Robert Karlicek	Rensselaer Polytechnic Institute	Smart Lighting: Emerging Applications o
	K1	Emerging Lighting Technologies	Dr. Hany Elgala	Boston University	Wireless Communications Potential of Sc
	K1	Emerging Lighting Technologies	Mr. Tom Hamilton	Ketra	Next Generation Color Control Technolog
3	K1	Emerging Lighting Technologies	Mr. Joseph Adiletta	Digital Lumens	Shining the Light on Big Data
0	K2	Innovative Lighting Solutions & Services	Dr. Satyen Mukherjee	Philips Research	Lighting Solutions for Energy Savings an

d More

-	К2	Innovative Lighting Solutions & Services	Dr. Francis Rubinstein	Lawrence Berkeley National Laboratory	Advanced Lighting Controls and Service
Α	К2	Innovative Lighting Solutions & Services	Dr. Jennifer Veitch	National Research Council of Canada	LED Systems Could Benefit Individuals, I
р	К2	Innovative Lighting Solutions & Services	Ms. Deborah Burnett	Design Services, Inc.	Light Health and HUMAN Energy Efficie
r	КЗ	Lighting and Health	Dr. Mariana Figueiro	Rensselaer Polytechnic Institute	Light and Health: more than just lumer
	КЗ	Lighting and Health	Dr. Mark Rea	Rensselaer Polytechnic Institute	The value of lighting for health & well-b
	КЗ	Lighting and Health	Dr. Usha Satish	SUNY Upstate Medical University	Impact of lighting on human decision m
	КЗ	Lighting and Health	Ms. Mary Beth Gotti	General Electric Lighting Institute	Lighting Technology: Rx for Light and He
	К4	Challenges for Renewables Integration	Dr. Frank Felder	Rutgers University	Integrating New Jersey Renewable Poli
	К4	Challenges for Renewables Integration	Ms. Marie Schnitzer	AWS Truepower	Renewable Project Modeling - Supporti
	К4	Challenges for Renewables Integration	Ms. Robin Shanen	New York Power Authority	Long Island – NYC Offshore Wind: Challe
	К5	Grid Integration: Role of Storage	Ms. Jessica Harrison	DNV KEMA Energy & Sustainability	Barriers to Using Energy Storage for Re
1	К5	Grid Integration: Role of Storage	Dr. Xiaoyu Wang	Brookhaven National Laboratory	Inertial response under large scale solar
	К5	Grid Integration: Role of Storage	Dr. Kerop Janoyan	Clarkson University	Distributed Green Data Centers: Energy
м	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Robert Lofaro	Brookhaven National Laboratory	Research Needs for Solar PV in the Nor
101	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Robert Schaefer	AlsoEnergy	Fleet Management of PV Assets
a	K6	Systems Performance & Impact on Electricity Infrastructure	Mr. Michael Voltz	Long Island Power Authority	Impact on Peak Demand from Solar PV
У	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Walter Levesque	DNV KEMA Energy & Sustainability	Consumer and Utility Experiences – Ligh
	К7	Advanced Photovoltaics- Technology	Dr. Harry Efstathiadis	SUNY Albany CNSE	Silicon Nanowires for Solar Cell Devices
	К7	Advanced Photovoltaics- Technology	Mr. Glen Finkel	Pureti	The Dirty Little Secret of Solar
	К7	Advanced Photovoltaics- Technology	Dr. Matthew Eisaman	Brookhaven National Laboratory	Ultrathin organic photovoltaics
	К7	Advanced Photovoltaics- Technology	Mr. Patrick Thompson	New Energy Technologies	Solar Windows: Transforming Buildings

-	К2	Innovative Lighting Solutions & Services	Dr. Francis Rubinstein	Lawrence Berkeley National Laboratory	Advanced Lighting Controls and Services
А	К2	Innovative Lighting Solutions & Services	Dr. Jennifer Veitch	National Research Council of Canada	LED Systems Could Benefit Individuals, Employers, and Environment
р	К2	Innovative Lighting Solutions & Services	Ms. Deborah Burnett	Design Services, Inc.	Light Health and HUMAN Energy Efficiency
r	КЗ	Lighting and Health	Dr. Mariana Figueiro	Rensselaer Polytechnic Institute	Light and Health: more than just lumens per watt
	КЗ	Lighting and Health	Dr. Mark Rea	Rensselaer Polytechnic Institute	The value of lighting for health & well-being
	КЗ	Lighting and Health	Dr. Usha Satish	SUNY Upstate Medical University	Impact of lighting on human decision making
	КЗ	Lighting and Health	Ms. Mary Beth Gotti	General Electric Lighting Institute	Lighting Technology: Rx for Light and Health
	К4	Challenges for Renewables Integration	Dr. Frank Felder	Rutgers University	Integrating New Jersey Renewable Policies into Energy Markets
	К4	Challenges for Renewables Integration	Ms. Marie Schnitzer	AWS Truepower	Renewable Project Modeling - Supporting Development and Finance
	К4	Challenges for Renewables Integration	Ms. Robin Shanen	New York Power Authority	Long Island – NYC Offshore Wind: Challenges and Choices in Offshore Wind Development
	К5	Grid Integration: Role of Storage	Ms. Jessica Harrison	DNV KEMA Energy & Sustainability	Barriers to Using Energy Storage for Renewable Integration
1	К5	Grid Integration: Role of Storage	Dr. Xiaoyu Wang	Brookhaven National Laboratory	Inertial response under large scale solar integration
	К5	Grid Integration: Role of Storage	Dr. Kerop Janoyan	Clarkson University	Distributed Green Data Centers: Energy and Computing Balance
- М	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Robert Lofaro	Brookhaven National Laboratory	Research Needs for Solar PV in the Northeast
	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Robert Schaefer	AlsoEnergy	Fleet Management of PV Assets
a	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Michael Voltz	Long Island Power Authority	Impact on Peak Demand from Solar PV Systems
У	К6	Systems Performance & Impact on Electricity Infrastructure	Mr. Walter Levesque	DNV KEMA Energy & Sustainability	Consumer and Utility Experiences – Light at the end of the day
	К7	Advanced Photovoltaics- Technology	Dr. Harry Efstathiadis	SUNY Albany CNSE	Silicon Nanowires for Solar Cell Devices
	К7	Advanced Photovoltaics- Technology	Mr. Glen Finkel	Pureti	The Dirty Little Secret of Solar
	К7	Advanced Photovoltaics- Technology	Dr. Matthew Eisaman	Brookhaven National Laboratory	Ultrathin organic photovoltaics
	К7	Advanced Photovoltaics- Technology	Mr. Patrick Thompson	New Energy Technologies	Solar Windows: Transforming Buildings into Energy Producers
	L1	UV/EB Curing Enables Advanced Energy Products	Mr. Gary Cohen	RadTech	CHAIRPERSON
	L1	UV/EB Curing Enables Advanced Energy Products	Dr. Mike Idacavage	Esstech Inc.	UV Curing – Enabling Photovoltaics
	L1	UV/EB Curing Enables Advanced Energy Products	Dr. Mark Tilley	MT Global Partners	UV Technology Based Energy Solutions
3	L1	UV/EB Curing Enables Advanced Energy Products	Ms. Eileen Weber	RedSpot	Enhancing Efficiency and Performance of Reflective Films with UV/EB Technology
0	L2	Green Composites Manufacturing - A View From Upstate NY	Dr. Daniel Walczyk	Rensselaer Polytechnic Institute	Energy Efficient Manufacturing of Advanced Composite Parts
-	L2	Green Composites Manufacturing - A View From Upstate NY	Mr. Zachary August	Automated Dynamics	Laser Processing of Advanced Composite Structures
А	L2	Green Composites Manufacturing - A View From Upstate NY	Mr. Gavin McIntyre	Ecovative Design, LLC	Mycelium Bio-composites: How Nature Grows Materials
р	L2	Green Composites Manufacturing - A View From Upstate NY	Dr. Ronald Bucinell	Union College	How do I Design with Green Composites?
r	L3	Innovations in Manufacturing of Clean Tech	Ms Miriam Pye	NYSERDA	NYSERDA R&D: Innovative CleanTech Manufacturing
	L3	Innovations in Manufacturing of Clean Tech	Dr. Craig Moe	Crystal IS	Energy Efficient Manufacturing of UVC LEDs
	L3	Innovations in Manufacturing of Clean Tech	Dr. Joseph Pegna	Free Form Fibers	What will it take to run CMC engines?
	L3	Innovations in Manufacturing of Clean Tech	Mr. Raja Pulikollu	Sentient Science	Advanced Manufacturing using Material Genome Methods
	L4	UV/EB Curing - NYS Activities and Opportunities	Dr. Mark Driscoll	SUNY College of Environmental Science & Forestry	Ultraviolet Light and Electron Beam Technology Center
	L4	UV/EB Curing - NYS Activities and Opportunities	Mr. Joseph Bringley	Transparent Materials	New Performance Materials for UV/EB Curable Resins
	L4	UV/EB Curing - NYS Activities and Opportunities	Mr. Daniel Montoney	Rapid Cure Technologies	Radiation Curing Innovation and Collaboration in NYS
	L5	Fiber Reinforced Composites: Energy Savings in Downstate NY	Mr. Tony Berejka	Ionicorp	Radiation Processing: the Key to Productivity & Energy Efficiency
1	L5	Fiber Reinforced Composites: Energy Savings in Downstate NY	Dr. Marshall Cleland	IBA Industrial	Electron Accelerators for Radiation Processing
-	L5	Fiber Reinforced Composites: Energy Savings in Downstate NY	Mr. Dan Dispenza	Nordan Composite Technologies	Carbon Composite Technology for Fuel Efficient Vehicles
Μ	L6	Biomimetic Approaches to Advanced Manufacturing	Mr. Chris Garvin	Terrapin Bright Green	Biomimicry Technical Assistance in New York State
а	L6	Biomimetic Approaches to Advanced Manufacturing	Dr. Nathaniel Cady	SUNY Albany	The Nexus of Biomimicry, Nanotechnology & Advanced Manufacturing
У	L6	Biomimetic Approaches to Advanced Manufacturing	Dr. Magnus Bergkvist	SUNY Albany	Links In Biomimicry and Nanotechnology
	L7	Energy Efficiency in Industry: Case Studies	Ms. Wendy MacPherson	NYSERDA	New York State's Most Energy Intensive Industrial Sectors
	L7	Energy Efficiency in Industry: Case Studies	Mr. Peter Serian	Energy & Resource Solutions, INC	Data center and manufacturing process efficiency case studies
	L7	Energy Efficiency in Industry: Case Studies	Ms. Lucy Neiman	Energy & Resource Solutions, INC	Manufacturing Incentives for Industrial and Process Efficiency

l	.7	Energy Efficiency in Industry: Case Studies	Mr. George Zuniga	Energy & Resource Solutions, INC	Production based incentive case studies
	V1	Energy Policy Challenges in the Canada-New York Region	Mr. Dan Kolundzic	Nanos Research	Canada-NYS Energy Relations – The Changing Dynamic
ſ	V1	Energy Policy Challenges in the Canada-New York Region	Mr. Edward Arlitt	Independent Electricity System Operator	Policy challenges at the electricity industry's new borders
ſ	V1	Energy Policy Challenges in the Canada-New York Region	Ms. John Witjes	Queen's University	Energy Policy Challenges – "Operationally Speaking"
2	M1	Energy Policy Challenges in the Canada-New York Region	Dr. Stephen Bird	Clarkson University	New York & Canada: Energy Transportation & Trade Policy
	VI2	OnShore/OffShore Wind 2.0	Mr. Richard Kessel	Energy Consultant	CHAIRPERSON
	V12	OnShore/OffShore Wind 2.0	Mr. Arthur Kaliski	MilWind	Wind Energy in Cities and on Buildings
	V12	OnShore/OffShore Wind 2.0	Mr. Jeff Grybowski	Deepwater Wind	Trends in Offshore Wind Technology and Economics
	V12	OnShore/OffShore Wind 2.0	Mr. Bruce Bailey	AWS Truepower	A Load Coincidence Evaluation for Offshore Wind Projects
	V12	OnShore/OffShore Wind 2.0	Dr. Kiruba Haran	GE Global Research	10MW+ direct-drive turbines for offshore wind
' [VI3	Canada/NY Region Wind Energy Research & Facilities	Dr. Mark Glauser	Syracuse University	CHAIRPERSON
1	VI3	Canada/NY Region Wind Energy Research & Facilities	Dr. Horia Hangan	University of Western Ontario	Wind sustainability: new concepts, new tools
ſ	VI3	Canada/NY Region Wind Energy Research & Facilities	Dr. Ken Visser	Clarkson University	Small Wind Research in Upstate New York
ſ	VI3	Canada/NY Region Wind Energy Research & Facilities	Dr. Dave Johnson	University of Waterloo	Controlled Wind Facility for Turbine Evaluation
Ŀ	VI4	Role of Natural Gas in U.S. Energy Future	Mr. Robert Catell	New York State Smart Grid Consortium	CHAIRPERSON
I	VI4	Role of Natural Gas in U.S. Energy Future	Mr. Michael Ruiz	National Grid	Natural Gas demand in the Northeast
1	VI4	Role of Natural Gas in U.S. Energy Future	Mr. Russ Young	GE	CCGT Technology Requirements to Meet High Renewable Scenarios
<u> </u>	M5	Components of a Sustainable Energy Outlook	Mr. John Larson	IHS Global Insight	PANEL DISCUSSION
	M5	Components of a Sustainable Energy Outlook	Dr. Sergej Mahnovski	New York City Mayor's Office	PANEL DISCUSSION
	M5	Components of a Sustainable Energy Outlook	Dr. Scott Cline	Petroleum Engineering	PANEL DISCUSSION
	M6	A Path Forward with NGVs	Mr. William Freeman	Chesapeake Energy	Moving our Country's Future with CNG
y I	V16	A Path Forward with NGVs	Mr. Jim Bruce	UPS	UPS and Natural Gas Vehicles: Past, Present and Future
]	VI6	A Path Forward with NGVs	Mr. Barry Carr	BAF Technologies	Current and Future CNG Vehicle Platforms, Challenges, and Opportunities
I	M6	A Path Forward with NGVs	Mr. Paul Kouroupas	VNG.CO	Economies of Scale in a National Fueling Network
Ŀ	N4	SMART NY- Setting precedence with NYC's Rooftop Challenge	Ms. Tria Case	CUNY	SMART NY
Ľ	N4	SMART NY- Setting precedence with NYC's Rooftop Challenge	Ms. Margarett Jolly	Con Edison	Large PV Project Interconnections in New York City
Ľ	N4	SMART NY- Setting precedence with NYC's Rooftop Challenge	Ms Gina Bocra	New York City Department of Buildings	
Ŀ	N4	SMART NY- Setting precedence with NYC's Rooftop Challenge	Mr. Jeremiah Couey	CUNY Sustainable	
1	N5	Tackling Soft BOS Costs with Smarter IT	Dr. Sean Ahearn	CUNY Hunter	A Prototype NYC Map for Rooftop Cooling Potential
	N5	Tackling Soft BOS Costs with Smarter IT	Mr. Marvin Laster	IBM	Smarter Cities Solutions
M	N5	Tackling Soft BOS Costs with Smarter IT	Mr. Darren Hammel	Princeton Power Systems	Technologies for Managing Peak Loads and Solar Generation
	N6	We Can Do it Here- NYC Case Studies	Mr. Jared Haines	Mercury Power	Solar Energy Today: NYC Commercial Case Studies
	N6	We Can Do it Here- NYC Case Studies	Mr. Rob Ashmore	AeonSolar	Taking Solar to New Heights in New York City
y [N6	We Can Do it Here- NYC Case Studies	Mr. Anthony Pereira	altPOWER	The Battery Park City Experience
l l	N7	Smart. Hot. Water.	Mr. Wilson Rickerson	Meister Consultants Group	Getting Hotter, Smarter: The Renewable Thermal Energy Opportunity
I	N7	Smart. Hot. Water.	Mr. David Gilford	New York City Economic Development Corporation	Solar Thermal in NYC: Opportunities and Challenges
I	٧7	Smart. Hot. Water.	Mr. Richard Klein	Quixotic Systems	The future of solar thermal systems in NYC
I	٧7	Smart. Hot. Water.	Ms. Alison Kling	CUNY	NYC Solar Thermal Roadmap