

EPRI Power Delivery & Utilization Council Meeting Agenda

Boston, Massachusetts

September 14 – 15, 2011

Wednesday, September 14, 2011

Time	Discussion Topic	Presenter
10:30 – noon	New Sector Council Member Orientation (New and Interested Members Only) <ul style="list-style-type: none"> ▪ EPRI Advisory Process Review & Discussion 	Ivo Hug and Lora Cocco
Noon – 1:00	Lunch	
1:00	Power Delivery & Utilization Council: Joint Session Welcome & Introductions	John Houston, PDU Chairman, VP CenterPoint Entergy
1:15	EPRI Update & Summer Seminar Briefing (including Strategic Planning Overview & Objectives)	Mike Howard, EPRI, President & CEO
1:30 – 2:00	Major Initiative Underway – Cyber Security R&D	William Sanders, Univ. of Illinois
2:00 – 2:15	EPRI PDU Update	Mark McGranaghan, EPRI, VP PDU
2:15 – 3:00	Technical Session 1 – Global Collaboration <ul style="list-style-type: none"> ▪ Importance & Value of Expanding Global Collaboration ▪ London Meeting Overview/Update Focused on Transmission Vision of the Future and Cooperation with ENTSO-E ▪ Distribution and Smartgrid International Collaboration and Cooperation with CIREN ▪ Value of Energy Efficiency Technology Tours to Japan and Korea ▪ Technology Adoption Report Card Concept from “The Way Forward” 	Panel Session Facilitated by Clark Gellings, EPRI Mike Cooper, National Grid Terry Boston, PJM Terry Oliver, BPA Rob Manning, TVA Denis O’Leary, ESB Pradeep Vita, Southern Company Sanjay Bose, ConEdison
3:00 – 3:30	Break	
3:30 – 4:00	Technical Session 1 – Global Collaboration (cont.) <ul style="list-style-type: none"> ▪ CIGRE and US National Committee ▪ Roundtable Discussions 	Mike Heyeck, AEP Clark Gellings and All
4:00	Technical Session 2 – Major Initiatives Underway <ul style="list-style-type: none"> ▪ Integrating Demand Response from Markets Through T&D and to Consumers ▪ New Emerging Research Related to Understanding Customers ▪ Roundtable Discussions 	Rana Mukerji, NYISO Patti Poppe, Consumers Energy All
5:00	Adjourn	
6:00	Dinner	

Thursday, September 15, 2011
Power Delivery Breakout Session

Breakout Sessions with Focused Theme on Strategic Planning & Future R&D Way Forward

Time	Discussion Topic	Presenter
7:00a	Breakfast	
8:00	PD Breakout Sessions Overview Theme will be for each area to review strategic planning activities and related utility activities followed by roundtable discussions. (Also incorporating TI as part of strategic elements)	Mike Heyeck, Chairman EPRI Transmission & AEP and Mike Hervey, Chairman EPRI Distribution & LIPA
8:15	Member Satisfaction Survey	Brad Ewing, VP FirstEnergy
8:45	Transmission & Substations <ul style="list-style-type: none"> ▪ Overview of Existing Strategic Planning ▪ Technical Presentation: Evaluation of Emerging Line Survey Technologies ▪ Roundtable Discussions 	Facilitated by Andrew Phillips Brad Ewing, FirstEnergy All
10:15	Break	
10:30	Grid Operations, Planning & Integration <ul style="list-style-type: none"> ▪ Overview of Existing Strategic Planning ▪ Technical Presentation: Industry Update on PMU & Synchrophasors and Importance to Achieving Future Vision of the Grid ▪ Strategy Session & Roundtable Discussions 	Facilitated by Karen Forsten Jennifer Dering, NYPA Dmitry Kosterev, BPA All
Noon	Lunch & Keynote Speaker (TBD)	
1:30	Distribution & SmartGrid <ul style="list-style-type: none"> ▪ Distribution Strategic Plan ▪ Technical Presentation: <ul style="list-style-type: none"> – Integrating Distributed Renewables – Asset Management Framework – Phase Identification using AMI Data ▪ Roundtable Discussions 	Facilitated by Matt Olearczyk John Tripolitis David Curtis, Hydro One Mike Hervey, LIPA Tom Short All
3:00	Adjourn	
3:30 – 5:00	Optional Session for all Interested High Impact Low Frequency Events and Geomagnetic Disturbances <ul style="list-style-type: none"> ▪ Update on EPRI GMD Research Effort ▪ NERC Approach and Engagement ▪ Roundtable – participants discuss the approaches their organizations are taking 	Rich Lordan Mark Lauby, NERC All, Facilitated by Rich Lordan

Thursday, September 15, 2011
Energy Utilization Breakout Session

Breakout Sessions with Focused Theme on Strategic Planning & Future R&D Way Forward

Time	Discussion Topic	Presenter
7:00a	Breakfast	
8:00	Energy Utilization Sessions Overview Theme will be for each area to review strategic planning activities and related utility activities followed by roundtable discussions. (Also incorporating TI as part of strategic elements)	Lynda Ziegler, EPRI EU Chairman & Sr. VP, SCE And Mike McGinnis, EU Vice-Chairman & Mgr., SRP Mark McGranaghan, EPRI Tom Reddoch, EPRI
8:15	Member Satisfaction Survey	Lynda Ziegler, EPRI EU Chairman & Sr. VP, SCE And Mike McGinnis, EU Vice-Chairman & Mgr., SRP
8:45	Energy Efficiency – EE Demo Panel Session <ul style="list-style-type: none"> ▪ Strategic Planning Overview: Advancing the Emerging Technology Pipeline ▪ Related Technical Activities: EE Demo to Early Deployments ▪ Roundtable Discussions 	Omar Siddiqui, EPRI Barbara Nick, WPS Shawn Shukar, Ameren Pradeep Vitta, Southern Co. John Trawick, TVA Mike McGinnis, SRP Eileen Buzelli, FE All
10:15	Break	
10:30	Electric Transportation <ul style="list-style-type: none"> ▪ Utility PEV Readiness Strategies ▪ Electric Vehicle Commercialization Update ▪ Electric Transportation Strategic Planning ▪ Roundtable Discussions 	Mark Duvall, EPRI Paul Lau, Sacramento Municipal Utilities District Camilo Serna, Northeast Utilities
Noon	Lunch & Keynote Speaker	
1:30	Energy Storage <ul style="list-style-type: none"> ▪ Energy Storage Strategic Planning ▪ Energy Storage Program Update ▪ Li Ion Demonstrations 	Frank Novachek, Chairman and Xcel Energy Haresh Kamath, EPRI Mark Irwin, SCE
2:15	Power Quality <ul style="list-style-type: none"> ▪ Overview of Existing Strategic Planning ▪ Technical Related Activities ▪ Roundtable Discussions 	Bill Howe, EPRI Bruce Rogers, TVA All
3:00	Adjourn	
3:30 – 5:00	Optional Session for all Interested High Impact Low Frequency Events and Geomagnetic Disturbances <ul style="list-style-type: none"> ▪ Update on EPRI GMD Research Effort 	Rich Lordan

	<ul style="list-style-type: none"> ▪ NERC Approach and Engagement ▪ Roundtable – participants discuss the approaches their organizations are taking 	<p>Mark Lauby, NERC All, Facilitated by Rich Lordan</p>
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Friday, September 16, 2011
Optional Site Tour

An Optional Site Tour for Advisors Interested in Learning More on Solar PV Installations

Time	Discussion Topic	Presenter
8:00a – 1:00p	<p>Solectria Renewables Site Tour (optional tour)</p> <p>Solectria Renewables, LLC is the leading U.S. based grid-tied PV inverter, string combiner and web-based monitoring manufacturer for residential, commercial, and utility-scale solar projects.</p> <p>Board Bus for PV Plant Tour and Inverter Manufacturing (Note, for return trip, bus could stop at airport before returning to the Westin)</p> <ul style="list-style-type: none"> ▪ Solectria PV Inverter Manufacturing <p>And 1 of 2 following site tours:</p> <ul style="list-style-type: none"> ▪ Everett, MA 1MW PV & Battery in Industrial Site ▪ Haverhill PV Community Site 	Tom Key, EPRI