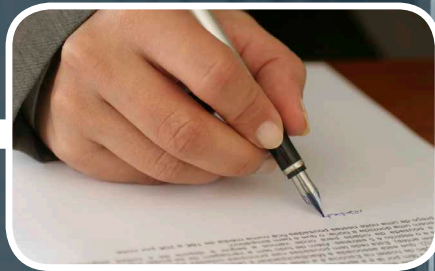


CCIF

Critical Consumer Issues Forum

Policy Considerations Related to Distributed Energy Resources



July 2013

Table of Contents

SECTION I: INTRODUCTION	1
About CCIF.....	1
Importance of CCIF	1
CCIF Track Record.....	1
CCIF Initiative on DER	2
SECTION II: CCIF FRAMEWORK ON DER.....	3
Focus & Objective of Initiative on DER.....	3
Potential Benefits & Challenges of DER.....	3
Principles on DER.....	4
SECTION III: CONCLUSION.....	6
Objective Met	6
Disclaimer	6
Acknowledgments.....	6
Future CCIF Initiatives.....	6
APPENDIX	7
Acknowledgment of Participants	7
CCIF Leadership.....	9
Executive Director	10
Events on DER.....	11
Kickoff Agenda	13
Sample Summit Agenda	14

CCIF 2012 Kickoff Forum



The “Public Policy Goals & Practices Concerning DER” panel included Ron Litzinger, President, Southern California Edison; Bill Levis, Consumer Counsel, Colorado Office of Consumer Counsel; Jeff Goltz, Commissioner, Washington Utilities & Transportation Commission; and David K. Owens, Executive Vice President of Business Operations, Edison Electric Institute (Moderator).



NASUCA President & Maryland People’s Counsel Paula Carmody welcomes the approximately 200-member audience to Baltimore.



Landis+Gyr’s Ward Camp, Hawaii Public Utilities Commission Chair Hermina Morita, and Oregon Public Utility Commission Chair Susan Ackerman continue discussion of DER policy issues.



The “Benefits & Challenges of DER” panel included Joseph L. Fiordaliso, Commissioner, New Jersey Board of Public Utilities; Joe Como, Director, California Division of Ratepayer Advocates; and Gregory Bollom, Assistant Vice President – Energy Planning, Madison Gas & Electric Company.

I. Introduction

About CCIF

Formed in 2010, the Critical Consumer Issues Forum (CCIF) brings state commissioners, consumer advocates, and electric utility representatives together to tackle consumer-focused energy issues through interactive discourse and debate, to find consensus when possible, and at a minimum, to achieve a clearer understanding of—and appreciation for—each other’s perspectives and positions.

To provide leadership, CCIF first organized Executive and Advisory Committees, each with balanced representation from the three core communities (see Appendices A & B). These committees guide each initiative from topic selection to issuance of the final report. Specifically, CCIF’s signature 3-step process entails:

1. A large open kickoff forum, typically collocated with the NARUC & NASUCA Annual Meetings, to introduce a topic and initiate discussion among CCIF’s three core communities and other stakeholders;
2. A series of smaller, invitation-only spring summits in which the three communities engage in facilitated dialogue; and
3. A report issued in the summer to share key takeaways with the broader stakeholder community.

Importance of CCIF

Consumer issues are at the forefront of the energy policy debate. State commissioners, consumer advocates, and electric utilities are uniquely positioned to understand those issues and how to best mitigate any potential negative impacts on consumers. These three groups play an important role in influencing the policies and decisions with respect to energy at the state level, and these state policies and decisions are often drivers of broader energy policy. Therefore, it stands to reason that they take the lead on addressing key energy issues so that our policies benefit from their experience, expertise, and insights on consumer preferences and concerns. CCIF provides these three core groups a unique opportunity to take that lead—by providing a non-adversarial, collaborative environment in which they can candidly discuss and proactively address a variety of energy issues with potentially broad impacts on electric consumers.

CCIF Track Record

The CCIF formula has proven successful and its reports have contributed to the energy policy debate. Through this collaborative effort, CCIF has previously addressed topics including grid modernization and the regulatory process. In 2011, CCIF released its first report, which contained 30 consensus principles on grid modernization. CCIF’s 2012 report explored whether and how transparency, communication, prioritization, and collaboration may be used to improve the regulatory process. Both reports are available at www.CCIForum.com.

CCIF Initiative on Distributed Energy Resources

In late 2012, CCIF leadership identified the challenging topic of distributed energy resources (DER) as ripe for discussion among the three core groups. Without question, state commissioners, consumer advocates, and electric utilities have both individual and collective perspectives that should be considered as policies are formed in this area. Therefore, CCIF kicked off its latest initiative on DER in November 2012 with a program that examined our distributed future, the benefits and challenges of DER, and relevant public policy initiatives and regulatory actions. The forum provided a solid foundation for the series of facilitated two-day dialogues that followed as well as the framework that ultimately was developed by the approximately 100 summit participants (*state commissioners, consumer advocates, and electric utility representatives featured on page 7-8*).

This report is a compilation of their collective perspective on some of the critical issues pertaining to DER. In addition, it demonstrates that these groups are clearly able and ready to help lead the state and national debates on challenging and complex energy issues—those pertaining to DER and countless others. The following is an overview of the framework on DER that constitutes the body of this report.

Focus & Objective

While recognizing that DER typically includes energy efficiency and demand response, participants from the three core communities chose to narrow CCIF's focus to distributed generation. In addition, they identified CCIF's objective with respect to this new topic. Specifically, they wanted to develop a framework to assist policymakers and other stakeholders in evaluating issues related to the potentials and challenges of DER in providing safe, reliable, affordable, cost-effective, and environmentally sound energy supply.

Potential Benefits & Challenges

Participants thoughtfully identified balanced lists of potential benefits and challenges of DER. As reflected in the framework, when paired with appropriate public policies, DER has the potential to provide direct and indirect benefits to consumers, both individually and collectively. Likewise, the challenges associated with DER merit consideration as well.

Principles

Finally, CCIF identified 21 principles in the following four areas: Financial & Regulatory Issues; Market Development & Deployment Issues; Consumer Issues; and Safety, Reliability & System Planning Issues. These principles memorialize the hard work of a significant number of state commissioners, consumer advocates, and electric utility representatives who participated in the CCIF process to collectively address a number of DER issues. CCIF trusts that the valuable perspectives reflected within these principles will be instrumental as we continue to build upon these ideas through further constructive dialogue with the broader stakeholder community.

II. CCIF Framework on DER

Focus & Objective of CCIF Initiative on DER

What is DER? Distributed Energy Resources (DER) include distributed generation, which are non-centralized sources of electricity generation generally interconnected to the distribution system and located at or near customers’ homes or businesses. While DER can include energy efficiency and demand response, this collaborative process focuses on distributed generation. Examples of DER addressed by this collaborative include solar panels, energy storage devices, fuel cells, microturbines, reciprocating engines, small wind, backup generation, CHP systems, etc.

What is CCIF’s Objective? The role of DER is growing and may require new approaches for providing and regulating electricity services. We recognize the need for a better understanding of costs and benefits of DER. Our goal is to develop a framework to assist policymakers and other stakeholders in evaluating issues related to the potentials and challenges of DER in providing safe, reliable, affordable, cost-effective, and environmentally sound energy supply. In developing this framework, we recognize the differing regulatory and market structures (e.g., vertically integrated, wires-only utilities, etc.) of the states, as well as the potential significance of regional and federal requirements.

Potential Benefits & Challenges of DER

<p>When paired with appropriate public policies, DER has the potential to provide direct and indirect benefits to consumers, both individually and collectively. Depending on the type of DER, benefits that may be realized include:</p> <ol style="list-style-type: none"> 1. Cost and risk reduction benefits; 2. Security and reliability; 3. Environmental benefits; 4. Innovation, expanded research and development, and other economic benefits; and 5. Expanded customer choice and control. 	<p>Likewise, the challenges associated with DER should be considered. Depending on type of DER, such challenges may include:</p> <ol style="list-style-type: none"> 1. Financial impacts on utilities and customers, including increased costs, revenue losses, and cost-shifting; 2. Safety, security, operational control, reliability, and planning; 3. Siting, permitting, and other environmental issues; 4. Maintaining consumer protection standards; and 5. Jurisdictional and regulatory issues.
---	---

Principles on DER

Financial & Regulatory Issues

1. Generally, DER costs imposed on utilities should be borne by those who cause the costs. For example, backup or standby utility costs (particularly regarding intermittent DER technologies) should be borne by the operator of the DER.
2. Any required allocation of costs to others should be rational, transparent, based on benefits received, and not unduly burdensome.
3. DER incentives¹ should be based on clear policy objectives and periodically reevaluated based on market conditions. Once the underlying policy objectives are met or as the technologies become cost-competitive or cost-prohibitive, such incentives should be modified or discontinued.
4. Any incentives, through ratemaking practices, taxes, or otherwise, should be fair, transparent, and appropriate.
5. Utility investments required to accomplish DER deployment should be consistent with state policies and recovered in a manner consistent with state laws and regulatory policies.
6. To the extent that state commissions evaluate new regulatory policies and procedures in light of increased emphasis on DER, they should take into account the interests and concerns of all stakeholders.

Market Development & Deployment Issues

7. Utility and regulatory processes and requirements should allow for customer deployment of DER technologies subject to reasonable rules and regulations.
8. Utility participation in DER markets should be fair, reasonable, non-discriminatory, and overseen and approved by the appropriate regulatory authority.
9. Policies related to DER interconnection or deployment should be fair, reasonable, not unduly discriminatory, and overseen and approved by the appropriate regulatory authorities.
10. DER should be permitted on either the customer side or the utility side of the meter in accordance with interconnection rules and other applicable regulations.
11. While policies and their application may vary by state, DER programs, grants, or subsidies should be periodically evaluated for cost-effectiveness and adjusted by the appropriate regulatory authority as market conditions and policy objectives or requirements change.

¹ For purposes of this discussion, participants considered “incentives” as benefits received by or cost reductions to a DER project, such as tax subsidies, rebates, subsidized financing, any net metering arrangement that provides benefits exceeding the underlying value of the energy received from that DER, etc.

12. Utilities and DER providers should work toward appropriate and reasonable data sharing that facilitates capturing system benefits and identifying costs of DER.

Consumer Issues

13. As DER technologies are deployed, consumer protection policies should be periodically reviewed and revised as appropriate. In any event, consumers should be given a clear avenue to resolve complaints.
14. Utilities and DER providers, with the participation of state regulatory bodies and consumer advocates, should develop standards for data protection, access, and disclosure consistent with state requirements.
15. States, consumer advocates, and utilities should coordinate education and customer engagement programs and make available objective information associated with DER technologies.
16. In developing DER policies, particular attention should be given to the cost impacts on all utility customers, including those not participating and those least able to afford such costs.

Safety, Reliability & System Planning Issues

17. Utilities should be aware that changes to utility system planning and operations may be required because of greater integration of DER technologies.
18. DER interconnection standards, procedures, and practices must ensure the safety of the public, first responders, and electric utility workers. These standards, procedures, and practices must also protect utility and customer assets.
19. DER deployment must be accomplished in a manner that does not compromise the continued reliability of utility infrastructure and operating systems.
20. DER deployment should not diminish infrastructure security or cybersecurity.
21. Transmission and distribution planning entities should consider and incorporate as appropriate state DER requirements into their planning processes.

III. Conclusion

Objective Met

Recognizing that this framework and the principles therein do not address all issues with respect to the expansive topic of DER, the consensus achieved by participating state commissioners, consumer advocates, and utility representatives is significant nonetheless. Consistent with the participants' stated objective, the framework provides a solid foundation upon which to build future constructive discussion and good policy.

Disclaimer

Please note that these principles are not intended to override any individual or collective policies or positions developed by state commissioners, consumer advocates, electric utility representatives, or by the National Association of Regulatory Utility Commissioners (NARUC), the National Association of State Utility Consumer Advocates (NASUCA), Edison Electric Institute (EEI), or any other organizations referenced herein. Instead, CCIF work products are meant only to complement such policies or positions and provide a framework for additional discussion and policy development.

Acknowledgments

The CCIF Executive and Advisory Committees would like to acknowledge the valuable contributions of the following individuals and organizations:

- NARUC, NASUCA, and EEI, particularly the guidance of their respective leaders and the valuable input and hard work of their respective teams.
- All state commissioners, consumer advocates, and electric utility participants who worked tirelessly to draft and revise the CCIF Framework on DER both during and after the Spring Summits in San Mateo, Atlanta, and Newark (*see page 7*).
- All speakers, panelists, and attendees who participated in the November 2012 Kickoff Forum in Baltimore, where many of the issues addressed within this report were first introduced (*see page 13*).

Future CCIF Initiatives

CCIF offers participants the ability to engage in constructive debate on important energy topics. CCIF provides a forum for state commissioners, consumer advocates, and electric utility representatives to collectively develop sound energy policies that fully consider impacts on consumers and other stakeholders. CCIF is designed to be a continuing, long-term effort to facilitate such leadership by these core groups and to address a variety of important energy issues in a collaborative, proactive manner. Therefore, we urge all interested stakeholders to stay tuned for future CCIF initiatives and events, and we specifically **invite all NARUC and NASUCA Annual Meeting attendees to join us the afternoon of Saturday, November 16, 2013, in Orlando** (*more details at www.CCIForum.com in the coming months*).

Appendix

Acknowledgment of CCIF Participants

Due to the nature of the collaborative process and the extensive degree of participation, specific principles developed within this process should not be attributed to specific individuals or to the organizations that he or she represents. With that understanding, the Critical Consumer Issues Forum (CCIF) would like to acknowledge the following individuals who participated in CCIF events focused on the topic of Distributed Energy Resources (DER):

Hon. Susan Ackerman
Oregon Public Utility Commission

Mr. Charles A. Acquard
NASUCA

Hon. Lorraine H. Akiba
Hawaii Public Utilities Commission

Hon. Bob Anthony
Oklahoma Corporation Commission

Mr. Noel Black
Southern Company

Mr. Gregory Bollom
Madison Gas & Electric Company

Ms. Stefanie A. Brand
New Jersey Division of Rate Counsel

Ms. Delanie Breuer
Public Service Commission of Wisconsin

Ms. Janee Briesemeister
AARP

Hon. Eric Callisto
Public Service Commission of Wisconsin

Ms. Paula M. Carmody
Maryland Office of People's Counsel

Mr. Joe Como
California Division of Ratepayer Advocates

Mr. Larry Cook
Kentucky Office of the Attorney General

Mr. David Crews
East Kentucky Power Cooperative

Hon. Swati A. Dandekar
Iowa Utilities Board

Mr. Laurence C. Daniels
DC Office of the People's Counsel

Mr. Evan Dean
Edison Electric Institute

Mr. Philip J. Dion
UNS Energy Corporation

Mr. Tom Donadio
First Energy

Hon. Patrice Douglas
Oklahoma Corporation Commission

Mr. Bruce Edelston
Energy Policy Group, LLC

Mr. Tim Fagan
PSEG

Mr. Simon ffitich
Washington Office of Attorney General

Hon. Joseph L. Fiordaliso
New Jersey Board of Public Utilities

Hon. Mike Florio
California Public Utilities Commission

Mr. Joseph Forline
PSEG

Mr. Daniel Francis
American Electric Power

Mr. Bryce Freeman
Wyoming Office of Consumer Advocate

Hon. Wayne E. Gardner
Pennsylvania Public Utility Commission

Ms. Linda Gervais
Avista Corporation

Ms. Sheri Givens
Texas Office of Public Utility Counsel

Hon. Jeffrey Goltz
Washington Utilities & Transportation Commission

Mr. Craig Graziano
Iowa Office of the Consumer Advocate

Ms. Janice D. Hager
Duke Energy

Hon. Darrell Hanson
Iowa Utilities Board

Mr. Wayne Harbaugh
Baltimore Gas & Electric Company

Ms. Becky Harsh
Edison Electric Institute

Mr. Charlie Higley
Citizens Utility Board of Wisconsin

Mr. Timothy A. Hoffman
Consumers Energy

Hon. Mary-Anna Holden
New Jersey Board of Public Utilities

Mr. Michael Hoover
Southern California Edison

Ms. Anne E. Hoskins
PSEG Services Corporation

Hon. John E. "Butch" Howard
South Carolina Public Service Commission

Hon. Orjiakor N. Isiogu
Michigan Public Service Commission

Mr. Craig S. Ivey
Consolidated Edison Co. of New York

Hon. Elizabeth (Libby) S. Jacobs
Iowa Utilities Board

Mr. Bob Jenks
Citizens' Utility Board of Oregon

Mr. Aaron Johnson
Pacific Gas & Electric Company

Hon. Philip B. Jones
Washington Utilities & Transportation
Commission

Hon. Betty Ann Kane
DC Public Service Commission

Ms. Elin Swanson Katz
Connecticut Office of Consumer Counsel

Mr. J.R. Kelly
Florida Office of Public Counsel

Hon. Robert S. Kenney
Missouri Public Service Commission

Ms. Kimberly (Kim) G. King
Alliant Energy

Mr. Allen Krug
Xcel Energy

Hon. Lauren McDonald, Jr.
Georgia Public Service Commission

Ms. Katrina McMurrian
Critical Consumer Issues Forum

Mr. Lewis Mills
Missouri Office of the Public Counsel

Hon. Phil Montgomery
Public Service Commission of Wisconsin

Ms. Jodi Moskowitz
PSEG Services Corporation

Mr. Colin Mount
First Energy

Ms. Diane Munns
MidAmerican Energy Company

Ms. Kristin Munsch
Illinois Citizens Utility Board

Ms. Cheryl Murray
Utah Office of Consumer Services

Mr. Stuart Nachmias
Consolidated Edison Co. of New York

Ms. Pamela A. Nelson
DC Office of the People's Counsel

Mr. Robert A. Nelson
Montana Consumer Counsel

Hon. Ellen Nowak
Public Service Commission of Wisconsin

Hon. Erin M. O'Connell-Diaz
Illinois Commerce Commission

Mr. Andrew Owens
Entergy

Mr. David K. Owens
Edison Electric Institute

Mr. James R. Padgett
DTE Energy

Ms. Jeanine Penticoff
Alliant Energy

Ms. Hilda Pinnix-Ragland
Duke Energy Corporation

Mr. Randy Pratt
Vermont Electric Cooperative

Hon. John D. Quackenbush
Michigan Public Service Commission

Mr. Charles J. Rehwinkel
Florida Office of Public Counsel

Mr. Robert Revelle
Pepco Holdings, Inc.

Ms. Martha Rowley
Edison Electric Institute

Mr. David E. Rubin
Pacific Gas & Electric Company

Mr. Joel Schmidt
Alliant Energy

Mr. Mark R. Schuling
Iowa Office of the Consumer Advocate

Hon. Doug Scott
Illinois Commerce Commission

Mr. Dennis Sewell
Georgia Public Service Commission

Hon. Mark Sievers
Kansas Corporation Commission

Mr. Tyson Slocum
Public Citizen

Ms. Holly Rachel Smith
NARUC

Mr. Scott R. Smith
Alliant Energy

Ms. Sarah H. Steindel
New Jersey Division of Rate Counsel

Mr. Gary Stern
Southern California Edison

Ms. Elizabeth Stipnieks
Edison Electric Institute

Hon. Bob Stump
Arizona Corporation Commission

Mr. Rick Tempchin
Edison Electric Institute

Mr. Richard T. Thigpen
PSEG Services Corporation

Ms. Martha Thompson
Duke Energy

Mr. Matthew Tisdale
California Public Utilities Commission

Hon. Betsy Wergin
Minnesota Public Utilities Commission

Hon. Greg R. White
Michigan Public Service Commission

Ms. Maria Zazzera
New Jersey Board of Public Utilities

CCIF Leadership

Executive Committee



Philip B. Jones
*Washington UTC Commissioner &
NARUC President*



Paula M. Carmody
*Maryland People's Counsel &
NASUCA President*



David K. Owens
*EEL Executive Vice President,
Business Operations*

Advisory Committee



Jeffrey D. Goltz
Commissioner
Washington Utilities & Transp. Commission



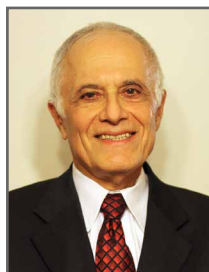
Robert S. Kenney
Chairman
Missouri Public Service Commission



Betsy Wergin
Commissioner
Minnesota Public Utilities Commission



Joe Como
Director
California Division of Ratepayer
Advocates



Craig F. Graziano
Attorney
Iowa Office of Consumer Advocate



Lewis Mills
Public Counsel
Missouri Office of Public Counsel



Wayne Harbaugh
VP of Pricing & Regulatory
Baltimore Gas & Electric Co.



Phillip R. May
President & CEO
Entergy Louisiana, LLC and
Entergy Gulf States Louisiana, LLC



Diane Munns
VP of Reg. Relations & Energy Efficiency
MidAmerican Energy Company

CCIF Executive Director



Katrina McMurrin
Executive Director
Critical Consumer Issues Forum
(CCIF)

Contact Information:

4818 Weaver Road
Lake Charles, LA 70605

Office: 337.656.8518
Fax: 888.526.6883
Email: katrina@CCIForum.com
Web: www.CCIForum.com
Twitter: [@CCIForum](https://twitter.com/CCIForum)

A former Florida Public Service Commissioner (2006-2009), Katrina McMurrin draws upon extensive regulatory experience to organize and facilitate relevant policy forums and to advise an array of entities on key regulatory and public policy matters. McMurrin currently serves as the Executive Director of the Critical Consumer Issues Forum (CCIF), a unique forum in which state commissioners, consumer advocates, and utility service providers collectively address, via a series of interactive dialogues, real world issues of importance to consumers and policymakers. McMurrin also serves as Executive Director of the Nuclear Waste Strategy Coalition, an ad hoc organization representing the collective interests of state utility regulators, consumer advocates, tribal governments, local governments, nuclear-generating utilities, and other stakeholders on nuclear waste policy matters.

As a commissioner, McMurrin decided numerous multi-million dollar cases, appeared before Congress, worked with other state and federal agencies, and participated on a number of influential national policy boards. She served on several National Association of Regulatory Utility Commissioners (NARUC) committees, including Electricity, Nuclear Issues (Vice Chair), Consumer Affairs, and Education & Research, as well as on collaboratives with FERC, including Demand Response (Co-Chair), Smart Grid, and Competitive Procurement. She also served on the Executive Committee of the Nuclear Waste Strategy Coalition, Advisory Council to the Electric Power Research Institute (EPRI) Board, EPRI Energy Efficiency/Smart Grid Group, Keystone Energy Board, Eastern Interconnect States Planning Council, and the Southeastern Association of Regulatory Utility Commissioners (SEARUC). Additionally, McMurrin Co-Chaired the 2009 NARUC/DOE National Electricity Delivery Forum.

A Northwest Florida native, McMurrin received a Bachelor's degree in finance from Florida State University in 1994 and an MBA from FSU in 1998.

CCIF Events on DER

Fall Kickoff Forum

November 15, 2012

Renaissance St. Louis Grand Hotel
Baltimore, MD
Collocated with the NARUC and
NASUCA Annual Meetings in Baltimore
Approximately 200 participants

Spring Summit 2

April 10-11, 2013

Renaissance Concourse Atlanta Airport Hotel
Atlanta, GA
5 State Commissioners + 2 Staff
7 Consumer Advocates
11 Utility Reps

Spring Summit 1

March 25-26, 2013

San Mateo Marriott San Francisco Airport Hotel
San Mateo, CA
16 State Commissioners + 2 Staff
9 Consumer Advocates
10 Utility Reps

Spring Summit 3

May 6-7, 2013

Newark Liberty International Airport Marriott Hotel
Newark, NJ
8 State Commissioners + 2 Staff
13 Consumer Advocates
18 Utility Reps



DC Public Service Commission Chair Betty Ann Kane listens as the speakers respond to her question at the CCIF 2012 Kickoff Forum in Baltimore.



Illinois Commerce Commissioner Erin O'Connell-Diaz, Michigan Public Service Commissioner Greg White, and Southern Company's Noel Black enjoy spirited debate of DER issues at the CCIF 2012 Kickoff Forum.



Connecticut Consumer Counsel Elin Swanson Katz, Consolidated Edison Company of New York's President Craig S. Ivey, and Washington Utilities & Transportation Commissioner Jeff Goltz open the dialogue at the CCIF 2013 Summit in Newark.

CCIF 2013 Summits



PSEG's Tim Fagan, NASUCA President & Maryland People's Counsel Paula Carmody, and Duke Energy's Hilda Pinnix-Ragland consider proposed consensus language.



Pepco's Robert Reville (left) and FirstEnergy's Colin Mount (right) listen intently as Wisconsin Public Service Commissioner Eric Callisto shares his perspective with the group.



Consolidated Edison Company of New York's President Craig S. Ivey shares recommendations to best prepare for the growth of DER.



Entergy's Andrew Owens and New Jersey Board of Public Utilities Commissioner Mary-Anna Holden are engaged in the summit dialogue.



AARP's Jane Briesemeister proposes an edit to a principle related to cost impacts on consumers.

CCIF Kickoff Agenda



Presents the CCIF 3rd Annual Kickoff Forum:

Policy Considerations Related to Distributed Energy Resources

Saturday, November 10, 2012 ♦ 2:00 pm – 5:00 pm

Baltimore Hilton □ 401 West Pratt Street □ Baltimore, MD 21201

Key Ballroom 5 & 6 (2nd Floor)

AGENDA

- 2:00 – 2:05 **Welcome to Baltimore**
Paula M. Carmody, NASUCA President & Maryland People’s Counsel
- 2:05 – 2:10 **Introduction & Expectations**
David A. Wright, NARUC President & South Carolina Public Service Commission Chairman
- 2:10 – 2:30 **Keynote: What are Distributed Energy Resources (DER)?**
To provide an overview of the technologies (including those fueled by more traditional means, such as gas-fired distributed generation and combined heat and power; those designed to reduce load; and those using newer resources like renewables) and policies (such as net metering, RPS, tax incentives, and rebates) that are contributing to the increased use of distributed energy resources.
Jesse Berst, Founder & Chief Analyst, Smart Grid News
- 2:30 – 3:15 **Benefits & Challenges of DER**
Panelists will discuss the benefits and challenges presented by alternative supply options on consumers, utilities, and regulators. Consumers are increasingly becoming more informed and engaged on choices about how they receive energy and how they manage their usage, but not all consumers choose to or are in positions to invest in these technologies. Utilities can benefit from new technologies but may also see increased costs as these technologies further develop. Regulators face the challenge of facilitating new consumer demands while minimizing any negative impacts to the electric delivery system and consumers.
Moderator: *Erin M. O’Connell-Diaz, Commissioner, Illinois Commerce Commission*
Panelists:
 - *Joseph L. Fiordaliso, Commissioner, New Jersey Board of Public Utilities*
 - *Joe Como, Director, California Division of Ratepayer Advocates*
 - *Gregory Bollom, Assistant Vice President – Energy Planning, Madison Gas & Electric Company*
- 3:15 – 3:30 **Break**
- 3:30 – 4:55 **Public Policy Goals & Practices Concerning DER**
This panel will focus on public policy initiatives and regulatory actions concerning DER, such as net metering, rebates, tax incentives, performance-based incentives, and low-cost financing.
Moderator: *David K. Owens, EEI Executive Vice President, Business Operations*
Panelists:
 - *Jeff Goltz, Chairman, Washington Utilities & Transportation Commission*
 - *Bill Levis, Consumer Counsel, Colorado Office of Consumer Counsel*
 - *Ron Litzinger, President, Southern California Edison*
- 4:55 – 5:00 **Closing & Next Steps**
Paula M. Carmody, NASUCA President & Maryland People’s Counsel

CCIF Sample Summit Agenda



Presents...

Policy Considerations Related to *Distributed Energy Resources (DER)*

May 6-7, 2013

Newark Liberty International Airport Marriott Hotel
Salons E-H

Agenda

The electric industry is facing transformative technological and economic changes whose effects are increasingly converging at the distribution side of the business. Customers are beginning to have a range of alternative supply options, including demand resources, distributed generation, energy storage, electric vehicles, microgrids, virtual power plants, and others. And as with any new transformational technology, distributed energy resources (DER) offer a great many opportunities and challenges. During CCIF's 2013 summit series, state commissioners, consumer advocates, and electric utility representatives will come together to discuss the potential impacts of DER on customers and to ensure that the proper policies are in place so that the integration of DER occurs safely, fairly, and reliably.

Monday, May 6th

9:00 – 10:00 **Continental Breakfast** (Salons E-H)

(Please note that meeting begins at 10:00 AM in Salons E-H.)

10:00 – 10:05 **Welcome & Introductions**

Katrina McMurrian, CCIF Executive Director

10:05 – 12:00 **DER: Setting the Stage Panel & Group Discussion**

From their unique perspectives, panelists will set the stage by identifying and discussing the primary issues of importance pertaining to DER, by predicting its impact on the future, and by recommending actions to best prepare for the integration of DER. All participants are encouraged to join in on the dialogue in preparation for the principles development process to follow.

Moderator: Katrina McMurrian, CCIF Executive Director

Panelists:

- **The Honorable Jeff Goltz, Commissioner, Washington Utilities & Transportation Commission**
- **Ms. Elin Swanson Katz, Consumers' Counsel, Connecticut Office of Consumer Counsel**
- **Mr. Craig S. Ivey, President, Consolidated Edison Company of New York, Inc.**

12:00 – 12:30 **Deli Lunch** (Salons E-H)

12:30 – 1:00 **Overview over Lunch: CCIF Goals & Principles Process**
Katrina McMurrin, CCIF Executive Director

- CCIF Background (Leadership, Participation, Purpose, Process, Past Initiatives)
- Goals for Summit Series on DER
- Expectations for Post-Summit Report on DER
- Principles Process and Constraints

1:00 – 3:00 **DER Principles Discussion I: Financial Issues**
Facilitated Group Discussion

3:00 – 3:15 **Break**

3:15 – 5:15 **DER Principles Discussion II: Market Development & Deployment Issues**
Facilitated Group Discussion

5:30 – 6:30 **Networking Reception** (*Grand Ballroom Foyer*)

6:30 – 8:30 **Plated Dinner & Continued Issue Discussion** (*Salon D*)

Tuesday, May 7th

7:00 – 8:00 **Hot Breakfast Buffet** (*Salons E-H*)
(Please note that meeting begins at 8:00 AM in Salons E-H.)

8:00 – 10:00 **DER Principles Discussion III: Consumer Issues**
Facilitated Group Discussion

10:00 – 10:15 **Break**

10:15 – 12:15 **DER Principles Discussion IV: Safety, Reliability & System Planning Issues**
Facilitated Group Discussion

12:15 – 12:30 **Boxed Lunch** (*Salons E-H*)

12:30 – 2:00 **Working Lunch: Principles Review & Final Touches; Communications Plan; Next Steps**
Facilitated Group Discussion

2:00 **Meeting Adjourns**



For more information about CCIF or this report:

Katrina J. McMurrin
CCIF Executive Director
(337) 656-8518
Katrina@CCIForum.com
www.CCIForum.com