

Modernizing the Energy Delivery System for Increased Sustainability (MEDSIS) – Formal Case No. 1130
Workshop Agenda – Review of Existing Regulatory Framework
April 28th, 2016, 10:00am
1325 G ST NW, Suite 800, Washington, DC 20005

Live Web Broadcast and Chat Application:
http://www.dcpsc.org/esr/FC1130_IncreasedSustainability.asp
Chat Moderator Username: DCPSC

The goal of this interactive workshop is to provide a forum where MEDSIS participants can discuss the opportunities and limitations of the current legal and regulatory framework in the District of Columbia that may impact the modernizing of the District’s energy system. The Commission is interested in learning how the District’s energy system can be modernized under the existing legal and regulatory framework and whether any modifications are needed to the existing regulations and laws and why. The primary focus of the presentations and discussions will be on the questions posed in Commission Order No. 18144 issued on March 17, 2016. There will be opportunities throughout the agenda for participants to engage with each other and discuss the submitted commentary in response to these questions and topics brought up during the workshop.

Agenda

Welcome Remarks	10:00am
Presentations – AM (~10 min/ea)	10:05am

1. Distributed Generation

A Wholesale or Retail “Sale” of Electricity in the District Requires Commission Review and Approval – D.C. Code § 34-1516

- What is a wholesale or retail “sale” of electricity?
- How can the Commission support and facilitate the review and approval of distributed generation facilities that are in the public interest? Specifically, what type of review criteria should be used in the approval process (e.g., environmental, safety, and zoning), what timelines should be implemented, and how should public input be considered? For safety considerations, can a “cease to energize” operation be used as a substitute for an actual physical disconnection from the grid? Why?
- Are the Commission’s current regulations adequate and appropriate to regulate the construction, operation, and maintenance of distributed generation facilities?
- Are the current regulations a barrier to the development of distributed generation facilities, and if so, what type of regulatory structure would be appropriate for these kind of facilities and why?
- What types of regulations are in place in other jurisdictions that the District should consider implementing?
- Some demand response facilities “shed load” by ramping up distributed generation – an action that could adversely impact the reliability of the electric grid. Due to current federal/state jurisdictional structures, there can be a lack of clarity with respect to what regulatory body governs the actions of a demand response facility. What should be the Commission’s role in this instance?
- Is voltage support (wholesale or retail) an electricity transaction?

WGL Energy
Grid Energy
PJM
Solar City
IEEE

Questions from the Commissioners

2. Cogeneration (CHP – Combined Heat and Power) Facilities, Energy Efficiency Systems
 - What kind of CHP facilities requires Commission review and approval? What factors should the Commission consider when evaluating these facilities?
 - What approaches have proven successful in other jurisdictions where CHP facilities support policy goals?
 - How can we best quantify the benefit of integrating systems that move energy more efficiently?

*ACEEE
US GSA
DC DOEE*

Questions from the Commissioners

Open Floor for Additional Comments and Dialogue on Topics 1 and 2 12:00pm
Lunch 1:15pm
Presentations – PM (~10min/ea) 2:00pm

3. Public-Sited Microgrid Facilities
 - Ownership Structure – Who owns What?
 - Are the current regulations a barrier to the development of public-sited microgrids, and if so, what type of regulatory structure would be appropriate for these kind of facilities and why?
 - What are the Safety Considerations of a facility that features Nonutility/Utility Assets?
 - What other jurisdictions regulate public-sited microgrids? How is this regulation taking place? What can we learn from these practices?

*Urban Ingenuity
Georgetown Climate Center
westMONROE
US DOE
ICF
Pennonni
pepco*

Questions from the Commissioners

4. Modernization Experiences from Other Jurisdictions; Moving Forward
 - Is energy storage a generation asset?
 - What regulatory framework has successfully supported public-sited microgrids, non-wires alternatives, and bulk/distribution system advantageous transactions in other jurisdictions?
 - What pitfalls have other jurisdictions experienced?
 - How should the Next Steps look like?

*Energy Storage Association (ESA)
GridMarket
MORE THAN SMART*

Questions from the Commissioners

Open Floor for Additional Comments and Dialogue on Topics 3 and 4 4:15pm
Adjourn – Next Steps -> Roadmap 5:30pm