

Policy Council Meeting Agenda

August Webinar Meeting - 8/5/2020 @ 3:00 PM EDT

I.	Welcome	Steve Hauser, CEO
II.	Antitrust Guidelines	Richie O'Neill, Executive Director
III.	Updates on Current Council Activities A. Executive Order on Bulk-Power System B. Grant Proposal to Energy Foundation Action Fund	Karen Wayland, GWA Policy Advisor Asaf Nagler, ABB Dan Pfeifer, Itron Susan Mora, Exelon Utilities
IV.	Discussion Topic: Voices of Experience - AMI in Review	Cameron Brooks, E9
V.	Recap and Upcoming Schedule	Richie O'Neill



GridWise Alliance Antitrust Compliance Program Guidelines

It is the policy of the GridWise Alliance to comply fully with the antitrust laws. The Sherman Act and other applicable antitrust laws are intended to promote vigorous and fair competition and to combat various restraints of trade.

Each person who participates in GridWise Alliance activities has a responsibility to his/her employers and to the GridWise Alliance to avoid any improper conduct from an antitrust standpoint. The following guidelines will assist in meeting this responsibility:

1. GridWise Alliance meetings and discussions generally cover topics related to the generation, transmission and distribution of electricity. Should related discussions ever have any potential for competitive impact, all due care shall be taken to avoid such discussion between competitors.
2. In view of antitrust considerations and to avoid any possible restraints on competition, the following legally sensitive subjects must be avoided during any discussion between competitors:
 - (a) Future marketing plans of individual competitors should not be discussed between competitors;
 - (b) Any complaints or business plans relating to specific customers, specific suppliers, specific geographic markets or specific products, should not be discussed between competitors;
 - (c) Purchasing plans or bidding plans of companies in competition should not be discussed (except privately between two parties with a vertical commercial relationship such as supplier and customer); and
 - (d) Current and future price information and pricing plans, bidding plans, refund or rebate plans, discount plans, credit plans, specific product costs, profit margin information and terms of sale should not be discussed between competitors. All of the above are elements of competition.
3. Any question regarding the legality of a discussion topic or business practice should be brought to the attention of the GridWise Alliance legal counsel or a company's individual legal counsel for advice.

Updates on Current Council Activities

Securing the US Bulk-Power System Executive Order

- Comments on the RFI are due August 24th (Registry still shows 8/7 deadline incorrectly)
- GridWise is working with industry partners to provide unified feedback similar to the joint letter we signed with NEMA requesting the RFI in May.
- More information on responding to the RFI can be found on the [Federal Registry page](#).

Updates on Current Council Activities

Grant Proposal to Energy Foundation Action Fund

- Components of Project:
 - Coalition Building
 - Documenting Benefits
 - Advocating for Investments
- Leveraging GridWise Alliance Members
- Project Timeline: Aug 2020– Jan 2021
 - August – January: Develop Collateral and document benefits
 - August – December: Educate key stakeholders on investment needs
 - September – January: Build consensus through coalitions

Industry Associations	Edison Electric Institute American Public Power Association National Rural Electric Cooperative Association American Wind Energy Association Solar Energy Industries Association American Council for Renewable Energy WIRES Advanced Energy Economy
NGO's	National Association of State Energy Officials National Governors Association National Association of Regulatory Utility Commissioners National League of Cities Natural Resources Defense Council Environmental Defense Fund Center for Climate and Energy Solutions Bipartisan Policy Center Energy Futures Initiative ClearPath

Updates on Current Council Activities

Grant Proposal to Energy Foundation Action Fund

- Documenting Benefits:
 - Fact Sheets
 - White Paper
 - Updates to GridWise website featuring member experiences (Faces of Grid Mod)
 - Grid Modernization Index

Grid Modernization | \$25.4 Billion in Federal Stimulus & Various Initiatives Will Result In:



// **73,100** direct, indirect, and induced jobs each year for five years

// **\$5.3 billion** in total earnings per year for five years

// **\$7.2 billion** in overall added value to the national economy each year for five years





Gridwise Alliance Policy Council

AMI in Review: Informing the Conversation

Cameron Brooks, President, E9 Insight

August 5, 2020

Overview

Agenda for today:

- Driving Motivation for Research
- Research & Methodology
- Key Findings
- Moving Forward



2018: Smart meters kerfuffles

BRIEF

As Kentucky regulators reject smart meter plans, troubling trend continues for AMI



New Mexico regulators reject smart meter roll out plan

Apr 13, 2018

gtm:

Solar

Grid Edge

Storage

Wind

Trending

Podcasts

White Papers

Webinars



NETWORKING/AMI

Massachusetts Rejects Smart Meter Rollouts, as Competitive Energy Undermines the Business Case

How customers migrating to third-party and municipal electric services have put National Grid, Unitil and Eversource's AMI plans in question.

JEFF ST. JOHN | MAY 17, 2018

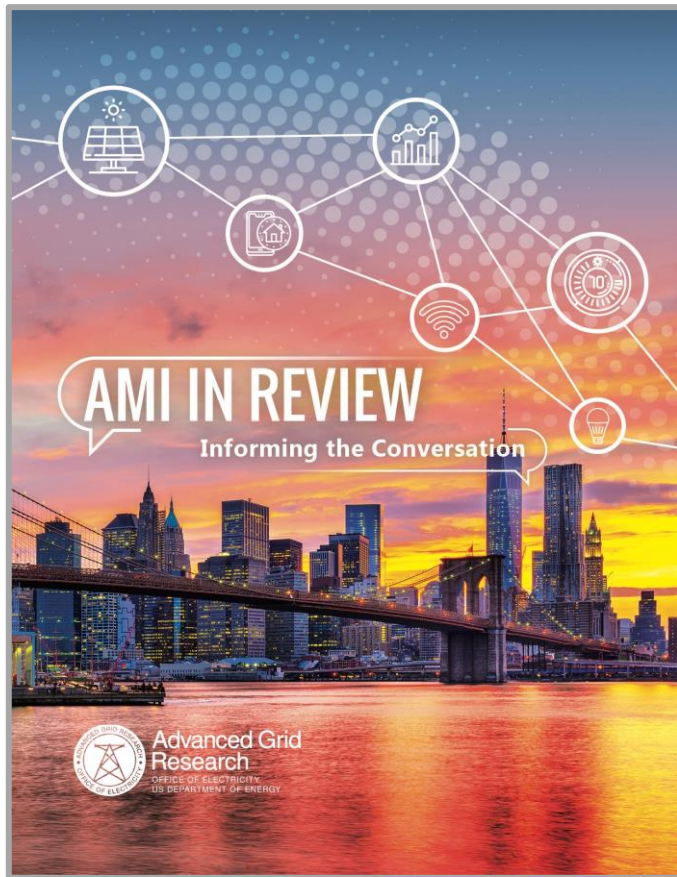
Driving Motivation

Nearly 10 years after ARRA and other initiatives, high-profile regulatory decisions raised questions about AMI:

- Shortcomings in technology?
- Weak economics?
- Misunderstood by regulators?
- Poorly constructed proposals?



REPORT: AMI in Review



Available From: <https://e9radar.link/ami-report>

- **Regulatory Record**

Review of business cases and cost benefit analysis over past 10 years

- **Stakeholder Roundtables**

Candid discussions about what is not on the record

COMPENDIUM: AMI in Review



Available From: <https://e9radar.link/ami-compendium>

- **Filing Document Details**

Reference materials of 600 filings from over 230 proceedings

- **Entity Review Notes**

80 utility proposal received detailed review in order to inform stakeholder roundtables

Materials intended to serve as ongoing resource for industry and policy stakeholders



Finding: no standard template

There was little consistency in how AMI applications were presented or how benefits were calculated (if at all).

Summary of Reviewed AMI Business Cases <i>Breakdown by revenue and review type</i>		
Revenue (\$B)	Detailed	Summary
>\$5.0	3	5
\$2.5-5.0	14	5
\$1.0-2.5	30	18
\$0.25-1.0	31	21
<\$0.25	2	12
TOTAL	80	61

What Costs and Benefits Were Included	
	Count
AMI Benefits Only	39
AMI Costs Only	49
Net Benefits	27
Cost, Benefits, and Net Benefits Provided	25
*Of the 80 AMI applications that received a detailed review, when provided, quantified AMI-specific costs and benefits were recorded. Two applications provided net benefits without specific, categorized amounts.	

Roundtable Discussions

Framing Questions:

- How are “foundational” investments different?
- How are cost-benefit assessments applicable?
- How were intangible, qualitative benefits considered?
- How to address multi-state deployments and costs?
- How should collaborative processes be integrated?



Finding: Increased Collaboration

Commissions are applying more scrutiny and demanding more participation based on:

- Interactions with new customer technologies
- Many benefits are interrelated with rate design
- Regulator expectations are changing
- Strongly voiced advocate concerns



Concluding Thoughts

Moving Forward?

AMI review is as much a mirror as a window

- Interaction is a driving dynamic for grid modernization
- Benefits are being replaced with capabilities
- Collaboration seems an essential component of approval
- Natural monopoly is shifting

Opportunities for technical support, direct funding and collaborative forums abound.



Thank you

Cameron Brooks

President

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