



Pathways to Promote GEBs: The Alliance's Strategic Initiatives

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4 February 2020

OUR VISION & MISSION

ABOUT THE ALLIANCE TO SAVE ENERGY

We envision a world that uses energy more productively to achieve **economic growth**, a **cleaner environment** and greater **energy security, affordability** and **reliability**.

TO ACHIEVE THIS VISION, WE:

- ✓ Lead **bipartisan initiatives** that drive **technological innovation** and **energy efficiency** across all sectors of the economy, through policy advocacy, education, communications, and research
- ✓ Convene and engage in diverse public-private partnerships, collaborative efforts and strategic alliances to optimize resources and expand our sphere of influence.

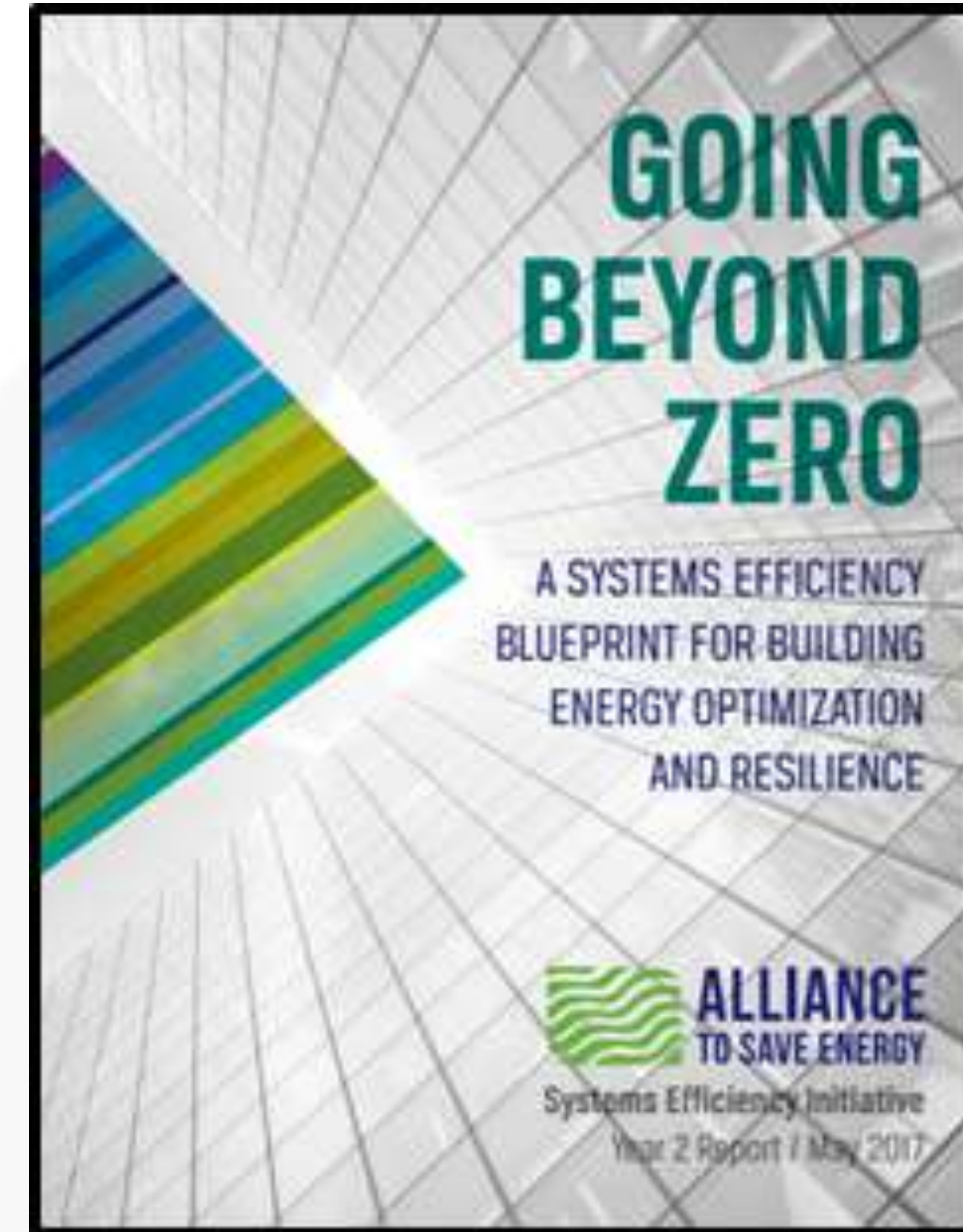


POLICY LEADERS + ENVIRONMENTAL GROUPS + ACADEMIA + BUSINESS LEADERS

Systems Efficiency Initiative

✓ B2G Recommendations:

- ✓ Federal agencies, states, and utilities collaborate on pilot programs and RDD&D to:
 - ✓ Demonstrate practical operations
 - ✓ Quantify energy and non-energy benefits
 - ✓ Focus on smaller/multi-family buildings
 - ✓ Share data and models



www.ase.org/systemsefficiency

ESCO-Utility Collaboration

- ✓ Goal: Explore opportunities to develop new EE program models
- ✓ Rationale:
 - ✓ Utilities face increasingly ambitious EE and emissions targets
 - ✓ ESCOs have broad experience with systems-level efficiency solutions
 - ✓ New utility business models being piloted – new incentives for DERs

Opportunities

✓ Alliance & NAESCO hosted ESCO-Utility Dialogue (Oct 2019)

✓ Takeaways:

- ✓ ESCOs + utilities can benefit from more cooperation (\$300+ billion ESPC mkt)
- ✓ Administrative and regulatory barriers exist
- ✓ This is an opportune time for exploring new models
 - ✓ Evolving regulatory frameworks around performance-based outcomes
- ✓ Key opportunities and questions:
 - ✓ Alignment of performance indicators/metrics
 - ✓ Methodologies for valuation of system-level EE and grid-integration measures
 - ✓ How can ESPC and UESC models inform greater collaboration?
 - ✓ How can ESCO-utility collaboration address needs in public housing?



Active Efficiency

COLLABORATIVE

- ✓ **Active Efficiency:** The combination of technologies, practices, and/or policies that enable the most effective use of energy.
 - ✓ **Level of integration** -- ranging from component-level to higher-level systems integration
 - ✓ **Time-dependence** -- ranging from static to dynamic
 - ✓ **Co-benefits** -- the value that active efficiency can bring in terms of cost savings, environment, health, productivity, and beyond



Thank you

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