

#1 Priority: Grid Investments for Economic Recovery

A six-month member-driven campaign to develop our grid modernization principles and recommendations

Components of Project:

- Coalition Building
- Documenting Benefits
- Advocating for Investments
- Leverage GridWise Alliance Member feedback on weekly strategic calls beginning September 1, 2020.
- 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

Priority Goal: \$25 Billion for Grid Modernization in Stimulus Legislation

1. Deployment of technologies to enhance grid flexibility

- \$5 billion for DOE OE Smart Grid Matching Grant Program
- \$5 billion to DOE Power Marketing Administrations

2. Deployment of technologies to enhance grid integration of buildings and vehicles

- \$8 billion for Building-to-Grid Integration and additional for Vehicle-to-Grid

3. Cybersecurity technology and workforce

- \$500 million to DOE Cybersecurity for Energy Delivery Systems (CEDS) for cybersecurity workforce development
- \$500 million to DOE CEDS for cyber assessments and cyber threat monitoring for small and medium utilities
- \$1 billion to DOE CESER and USDA RUS for cybersecurity technology deployment

4. Section 48c manufacturing tax credit

- Funding level to be determined.

5. Utility communications

- \$2 billion for Rural Utility Services for rural co-operatives
- \$1 billion for DOE OE Smart Grid Matching Grant Program for Investor Owned Utilities (IOUs) and Public Power

6. Mission critical infrastructure: MUSH and Defense

- \$1 billion to Department of Defense and DOE Federal Energy Management Program for microgrids for mission critical infrastructure

7. Workforce development (OE Smart Grid)

- \$400 million to DOE Office of Electricity for workforce training for digital, high tech grid jobs with \$100 million to DOE Office of Economic Impact and Diversity

Top Line Messaging for Grid Investments Initiative

- **The time is right now:** Congress is likely to consider a large infrastructure spending package as part of economic recovery efforts regardless of the November election.
- **GridWise should spearhead this message:** Until GridWise began its “Grid Investments for Economic Recovery” Initiative, there was no locus of activity for developing grid recommendations for a stimulus package. The Energy Foundation recognized the role GridWise was poised to play in developing the policy recommendations and building a supportive coalition, which is why GWA received the EF grant.
- **GridWise has been engaged on this for a long time:** GridWise helped craft the legislation that created the DOE smart grid programs through which stimulus money would flow, so the Alliance is intimately familiar with both the programs and the people who run the programs, so we are well-positioned to provide counsel as Congress writes a stimulus package.
- **GridWise will make a difference:** GridWise has already had constructive conversations with many of the key Hill staff around the grid investments proposal.