

Prepare on Municipality Letterhead
(Delete all red text after replacing with Letterhead; delete all brackets below after selecting the appropriate language)

February 15, 2023

Department of Energy
Grid Deployment Office
1000 Independence Ave. SW
Washington, DC 20585

RE: ***Grid Resilience and Innovation Partnerships (GRIP) Topic 2 Commitment Letter***

As a committed partner/end-user in American Municipal Power's Smart Grid: Using Edge Computing to Build Grid Resiliency project, this letter serves as [Organization]'s commitment to participating in the project.

Our community, like so many in the country, requires new and innovative solutions to ensure that our residents can access technology that will improve their health, safety, and economic vitality. Currently, our grid system lacks substantial "smart grid edge" technology/capabilities, which [has/will/could] affect[ed] our system's reliability and power distribution capability. We face pressing challenges as demand on our infrastructure increases, including:

[Please pick all statements below that apply. Feel free to include details such as recent incidents, agenda items in a strategic/master plan, etc. that support your chosen statement.]

- We currently lack the capability to support: any material increase in electric vehicle charging; distributed renewable energy integration; and grid edge technology, all of which can allow for more efficient energy usage and a reduction of Greenhouse Gas (GHG) emissions.
- Our community is susceptible to events that increase our system's vulnerability, including extreme inclement weather (droughts, storms, tornadoes, blizzards, etc.) and vegetation overgrowth.
- Constrained budgets that require innovative solutions and strong partnerships to overcome cost barriers to implementation of grid-advancing technologies.

AMP's project to enhance service capabilities by incorporating a Smart Grid - Edge Computing Solution will have a direct improvement upon our current operations. Completion of this project will enable [Organization] and AMP, working together, to maximize existing generation, transmission, and distribution assets; minimize inefficiencies and mitigate rising demands in our distribution grid; access and manage distributed energy resources, better match energy resources with load; serve as a foundation for further enhancement of the grid; and maintain overall grid stability and resiliency.

[Organization] looks forward to the opportunity to be part of the implementation of this exciting project and a collaborative partner with AMP and its team.

Respectfully,

Name
Organization
Address
Contact Information