

NOTE: USE OF THIS EXAMPLE COVER PAGE IS OPTIONAL. IF THIS INFORMATION IS PROVIDED IN A DIFFERENT FORMAT, EPA WILL NOT REVIEW AN APPLICATION UNFAVORABLY.

**CPRG IMPLEMENTATION GRANTS COMPETITION
COVER PAGE FOR APPLICATION**

APPLICANT INFORMATION

Organization	City of Huntsville, Alabama, d/b/a Huntsville Utilities
Primary Contact Name	Chris Jones
Phone Number	256-535-1266
Email Address	chris.jones@hsvutil.org

TYPE OF APPLICATION ☒ Individual Applicant ☐ Lead Applicant for a Coalition

If lead applicant for a coalition, provide a list of the coalition members below.

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FUNDING REQUESTED: *Provide total EPA CPRG Implementation Grant funding requested.*

\$ 33,707,015

APPLICATION TITLE: *Provide the title of your proposed project.*

Huntsville Utilities Fleet Electrification and Microgrid
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BRIEF DESCRIPTION OF GHG MEASURES: *Describe each GHG reduction measure contained in the application (1-2 sentences each).*

<p>Measure 1 will add 14 electric vehicles to Huntsville Utilities fleet, as well as electric vehicle chargers, which will reduce GHG emissions. Some of the chargers will include a solar array and battery storage to reduce emissions further, as well as reduce strain on the grid during peak load.</p> <p>Measure 2 will utilize relay switches and grid-scale battery storage to create a microgrid in disadvantage communities which will increase resilience and reduce strain on the grid during peak load, which will also reduce GHG emissions.</p>

SECTORS: *Identify the sector(s) associated with the GHG reduction measures included in the application.*

- | | |
|---|--|
| <input type="checkbox"/> Industry | <input type="checkbox"/> Commercial and Residential Buildings |
| <input type="checkbox"/> Electricity Generation | <input type="checkbox"/> Agriculture/Natural and Working Lands |
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Waste and Materials Management |
| <input checked="" type="checkbox"/> Other (please describe) | Electric Distribution |

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

For all proposed measures combined, provide the estimated cumulative GHG reductions:

Estimated cumulative GHG reductions for 2025-2030 (in metric tons)

52,455

Estimated cumulative GHG reductions from 2025-2050 (in metric tons)

226,127

LOCATIONS: *List the primary location(s) where the proposed measures will be implemented*

City Huntsville

State; Territory; Federally recognized Tribe Alabama

APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) ON WHICH MEASURES ARE BASED

PCAP Lead Organization(s): Alabama Department of Environmental Management +

PCAP Title(s): Priority Climate Action Plan +

PCAP Website link(s) (if applicable): <https://www.epa.gov/system/files/documents/2024-> +

List of GHG reduction measures and PCAP page reference for each measure:

Project 5: Fleet Electrification and Microgrid with Battery Storage
Measure 1: Huntsville Utilities Fleet Electrification p. 26
Measure 2: Huntsville Utilities Microgrid with Battery Storage p. 31 +