

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

APPLICANT INFORMATION

Organization

Alabama Community College System (ACCS)

Primary Contact

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TYPE OF APPLICATION



Individual Applicant



Lead Applicant for a Coalition

FUNDING REQUESTED:

\$105,014,021

APPLICATION TITLE:

Alabama Community College System's I-CARE Initiative

BRIEF DESCRIPTION OF GHG MEASURES:

1. ACCS will increase its share of electric vehicles and expand its electric vehicle charging infrastructure statewide. Two hundred aging, high-mileage, high-consumption gasoline/diesel-powered vehicles will be decommissioned across 24 institutions and the System Office and replaced with 200 new, energy-efficient electric vehicles (EVs) and 17 new, energy-efficient hybrid vehicles (HVs) supported by the purchase and installation of 96 new Level 2 and Level 3 EV charging stations.
2. All 9 ACCS historically Black/predominantly Black institutions (HBCUs and PBIs) will perform energy-efficiency building renovation projects on their campuses - a total of 15 public buildings affected. Renovations will follow up-to-date building energy codes, with certified energy-efficient HVAC equipment, windows, doors, lighting, and other building products replacing inefficient products and will include implementation of building energy performance management systems and individual building metering.
3. ACCS will pioneer solar energy production on an Alabama public 2-year college campus with the construction and operation of a microgrid at Beville State Community College. The microgrid will reduce the College's consumption of commercially-generated power, allow the return of excess power to the commercial grid, lower its energy costs, enhance its energy resilience, and enable it to train students in the operation, maintenance and repair of a renewable energy system.

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

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

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

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

8,784 MT CO₂e

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

53,450 MT CO₂e

LOCATIONS:

City

Montgomery and multiple other cities/towns statewide (For detailed list of primary locations of project activities, see attachment titled *PrimaryLocations_ACCS*. See attachment titled *Areas_ACCS* for a list of all CEJST Census tracts benefitting from the project.)

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 (ADEM)

PCAP Title(s):

Alabama Priority Climate Action Plan

PCAP Website link(s) (if applicable):

[alabama-pcap.pdf \(epa.gov\)](#)

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

1. **Transportation:** Increasing the share of electric vehicles and expanding electric vehicle charging infrastructure - Page 39
2. **Buildings:** Implementation of up-to-date building energy codes, energy-efficient heating and cooling equipment, lighting, and other building products, building energy performance management systems, and new benchmarking and building performance standards in publicly-owned buildings - Page 39
3. **Electric Power:** Installation of renewable energy production/storage systems in publicly owned facilities - Page 39