

SOUTHEAST
FLORIDA REGIONAL
CLIMATE
CHANGE
COMPACT



SOUTHEAST FLORIDA TRANSFORMATIONAL GHG REDUCTION PLAN



2024 CPRG Implementation Grant Application

SOUTHEAST FLORIDA TRANSFORMATIONAL GHG REDUCTION PLAN

COVER PAGE FOR APPLICATION

APPLICANT INFORMATION

Organization: Broward County
Primary Contact Name: Dr. Jennifer Jurado
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TYPE OF APPLICATION

Lead application for a Coalition: Broward County
Coalition members: Miami-Dade County, Monroe County, Palm Beach County

FUNDING REQUESTED: \$270,639,381

APPLICATION TITLE: Southeast Florida Transformational GHG Reduction Plan

BRIEF DESCRIPTION OF GHG MEASURES:

Residential Energy Efficiency Program (REEP) - This measure will cost \$199,675,545 and will service 8,365 income-qualifying households in low-income and disadvantaged communities (LIDACs). The total greenhouse gas reduction is estimated to be 16,665 metric tons of CO₂e between 2025-2030.

Solar Rebate Program (SRP) - This measure will cost \$51,718,106 and will service 7,782 residences in LIDACs. The total greenhouse gas reduction is estimated to be 58,332 metric tons of CO₂e between 2025-2030.

Electric Vehicle New Incentives for Charging Equipment Program (EV-NICE) - This measure will cost \$17,254,491 and will install 650 Level 2 ports and 152 DCFC ports in LIDACs. The total greenhouse gas reduction is estimated to be 204,132 metric tons of CO₂e between 2025-2030.

SECTORS:

Commercial and Residential, Electricity Generation, Transportation

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

Estimated cumulative GHG reductions for 2025-2030 (metric tons CO₂e): 279,129

Estimated cumulative GHG reductions from 2025-2050 (metric tons CO₂e): 1,327,902

LOCATIONS:

Counties: Broward, Miami-Dade, Monroe, Palm Beach Counties and the 109 municipalities and 2 tribal governments within this four-county region.

State: Florida

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

PCAP Lead Organization(s): Miami-Dade County

PCAP Title(s): Southeast Florida Priority Climate Action Plan

PCAP Website link(s) (if applicable): https://southeastfloridaclimatecompact.org/wp-content/uploads/2024/03/Southeast-Florida-Priority-Climate-Action-Plan_Final2024.pdf

LIST OF GHG REDUCTION MEASURES AND PCAP PAGE REFERENCE FOR EACH MEASURE:

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|--|------------------------------------|
| 1. Basic Enclosure, pages 36 – 37 | 6. Heat Pump Dryer, pages 36 - 37 |
| 2. Medium Efficiency A/C, pages 36 – 37 | 7. LED Replacements, pages 36 - 37 |
| 3. Medium Efficiency Heat Pump, pages, 36 - 37 | 8. Solar Photovoltaics, page 38 |
| 4. Heat Pump Water Heater, pages 36 - 37 | 9. Level 2 Charger, pages 31 – 32 |
| 5. Induction Range, pages 36 - 37 | 10. DC Fast Charger, pages 31 - 32 |