

Clean Commute Orange County: The Express Route to Lower GHG's
Cover Page

Applicant Information: County of Orange, Florida (EIN: 59-600073)

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Type of Application: Individual Application

Funding Requested: \$34,418,477.00

Application Title: Clean Commute Orange County: The Express Route to Lower GHGs

Brief Description of GHG Measures: The reduction measure presented within this application is an express transit bus route through several low-income disadvantaged communities providing extended service to an educational institution and several tourist attractions that provide steady employment with \$15 minimum wages as well as benefits. The route uses CNG buses with expanded service hours from 5am to midnight with 30-minute headways, a minimal number of stops producing lower emissions than diesel counterparts and is projected to eliminate 3,211,620 gasoline vehicle miles from Central Florida roadways, while also creating 26 high-quality unionized job positions.

Sector(s): Transportation

Expected Total Cumulative GHG Emission Reductions: As this reduction scenario is limited in scope and applies only to Orange County, it is expected to reduce GHG emissions by **3,380 MT CO₂e** over the period 2025-2030 and by **23,858 MT CO₂e** over 2025-2050.

Location(s): Orange County, FL and City of Orlando, FL

Applicable PCAP Reference(s): The specific reduction scenario presented aligns with two of the Vehicle Miles Traveled Reduction Strategies from the East Central Florida's Priority Climate Action Plan on page 39, as applied to the Transportation Sector, which are "Increase and improve transit ridership and options, routes, and operating hours" and "Reduce reliance/dependence on personal vehicles". The PCAP was written by the East Central Florida Regional Planning Council in support of its Regional Resilience Collaborative (R2C) Climate Action Planning effort and can be viewed as attachment East Central Florida's Priority Climate Action Plan. The PCAP can also be viewed here:

<https://www.epa.gov/system/files/documents/2024-03/ecfr2c-pcap.pdf>