



Breathing Easy, Riding Green:

Powering BEBs for a More
Equitable and Sustainable Future



Environmental Protection Agency
2024 CPRG Implementation
Grants Competition

CPRG Implementation Grants Competition: Cover Page

Organization	Research Triangle Regional Public Transportation Authority ("GoTriangle")
Primary Contact Name	Jay Heikes
Phone Number	(919) 485-7481
Email Address	JHeikes@gotriangle.org
Type of Application	Individual Applicant
Funding Requested	\$15,899,456 Federal (80% Total) CPRG Request <u>\$ 3,974,864 Applicant (20% Match)</u> \$19,874,320 Total Budget
Application Title	Breathing Easy, Riding Green: Powering BEBs for a More Equitable and Sustainable Future
Brief Description of GHG Measures	<ul style="list-style-type: none"> GHG Emissions Reduction Measure 1 aims to increase the number of zero emission transportation buses in North Carolina, by funding 10 battery-electric buses, 5 plug-in chargers, and 2 pantograph chargers. GHG Emissions Reduction Measure 2 aims to increase the amount of electricity generated by no-carbon energy resources in North Carolina, by funding solar photovoltaic canopies to be installed over our exterior bus parking lot.
Sectors	Transportation
Estimated cumulative GHG reductions for 2025-2030	4,457.54 MT CO ₂ e
Estimated cumulative GHG reductions from 2025-2050	25,528.95 MT CO ₂ e
Primary location(s) where the proposed measures will be implemented	Cary, NC (Mailing address – Morrisville, NC); Durham, Orange, and Wake Counties
State	North Carolina
PCAP Lead Organization(s)	<ul style="list-style-type: none"> North Carolina Department of Environmental Quality (NCDEQ) Central Pines Regional Council (formerly Triangle J Council of Governments)
PCAP Title(s)	<ul style="list-style-type: none"> North Carolina Priority Climate Action Plan Priority Climate Action Plan for the Raleigh-Cary and Durham-Chapel Hill Metropolitan Statistical Areas
PCAP Website link(s)	<ul style="list-style-type: none"> https://www.epa.gov/system/files/documents/2024-03/final-ncdeq-pcap-report.pdf;

	<ul style="list-style-type: none"> • https://www.epa.gov/system/files/documents/2024-03/raleigh-durham-nc-pcap.pdf.
List of GHG reduction measures and PCAP page reference for each measure:	<ul style="list-style-type: none"> • PCAP Measure 3. Increase the number of zero emission and electric vehicles in state and local government fleets. (NC PCAP, page 42). • PCAP Measure 3. Increase the number of zero emission and electric vehicles in state and local government fleets (PCAP for Raleigh-Cary-Durham-Chapel Hill, NC Metro Area, page 7). • PCAP Measure 6. Increase the amount of electricity generated by low and no carbon energy resources in NC (NC PCAP, page 54). • PCAP Measure 6b. Develop programs and incentives to facilitate small scale solar installments by local governments, commercial entities, institutions, and others (PCAP for Raleigh-Cary-Durham-Chapel Hill, NC Metro Area, page 7).

Application Snapshot

Project Title: Breathing Easy, Riding Green: Powering BEBs for a More Equitable and Sustainable Future

Applicant: Research Triangle Regional Public Transportation Authority (GoTriangle)

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GoTriangle Employer Identification Number (EIN): 56-1718037

Unique Entity Identifier (UEI): RV6CKH6QRJ36

DUNS No. 801047812

Website: www.gotriangle.org/BOMF

Project Narrative Attachments

Cover Page	Cover_GoTriangle.pdf
Workplan	Workplan_GoTriangle.pdf
Budget Narrative	Budget_GoTriangle.pdf
Technical Appendix	Techappx_GoTriangle.pdf
Budget Spreadsheet	Budgetcalcs_GoTriangle.xlsx
GHG Emission Reduction Calculations	GHGcalcs_GoTriangle.pdf

Other Attachments

North Carolina Priority Climate Action Plan	PCAP NCDEQ_GoTriangle.pdf
Priority Climate Action Plan for the Raleigh-Cary and Durham-Chapel Hill Metropolitan Statistical Areas	PCAP Raleigh-Cary-Durham-Chapel Hill_GoTriangle.pdf
List of CEJST Census tract IDs, EJScreen Census block group IDs, and relevant jurisdictions	Areas_GoTriangle.xlsx
Letters of Commitment	US Congress_LOC_GoTriangle.pdf CAMPO_LOC_GoTriangle.pdf WakeCounty_LOC_GoTriangle.pdf
Form 4700-4 Pre-Award Backup	Form 4700-4 Pre-Award_Backup 01_GoTriangle.pdf Form 4700-4 Pre-Award_Backup 02_GoTriangle.pdf
Letter of Financial Commitment	GoTriangle_LOFC_GoTriangle.pdf