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 New Jersey Department of Environmental Protection (NJDEP)

Primary Contact Name Melissa Evanego

Phone Number 609-940-5761

Email Address melissa.evanego@dep.nj.gov

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

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

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

$ 27,127,666

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

Sustainable Transportation Eco-Hub Project

BRIEF DESCRIPTION OF GHG MEASURES: *Describe each GHG reduction measure contained in the application (1-2 sentences each).*

To address the outsized environmental and public health impacts of school buses, the NJDEP is seeking to transition the State's school bus fleets from diesel to electric. This transition will take a holistic approach by pairing electric school buses with a fully renewable electricity based microgrid which will interact with the electric school buses via bi-directional capable charging stations.
This project will involve the purchase of approximately 33 electric school buses which will be used to replace fossil fueled school buses and will act as a mobile battery storage source. Each electric school bus will be charged using a low-power Direct Current Fast Charger (DCFC) at a ratio of one charging station to one bus.
To maximize emissions reductions, this project will fund the installation of on-site renewable electricity generation and storage systems. This includes the installation of

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

- [ ] Industry
- [ ] Commercial and Residential Buildings
- [x] Electricity Generation
- [ ] Agriculture/Natural and Working Lands
- [x] Transportation
- [ ] Waste and Materials Management
- [ ] Other (please describe)

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)

3,212

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

24,903

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

City Jersey City, Summit, East Hanver, Pennington, Belmar, Dumont

State; Territory; Federally recognized Tribe New Jersey

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

PCAP Lead Organization(s): New Jersey Department of Environmental Protection

PCAP Title(s): New Jersey's Priority Climate Action Plan

PCAP Website link(s) (if applicable): https://dep.nj.gov/wp-content/uploads/climatechange/nj-pcap-final-1.pdf

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

Measure 1 (PCAP Pg. 16): Incentivize replacement of diesel medium-and heavy-duty vehicles, including school buses, with battery electric vehicles or green hydrogen fuel cell electric vehicles.
Measure 2 (PCAP Pg. 50): Pilot grid supportive technologies such as