

Cover

Applicant Information	
Applicant organization	The Port Authority of New York and New Jersey & New York City Taxi and Limousine Commission
Primary contact name, phone number, and email address	Kate Lawrence-Shetty , Grants Administrator Tel: 212-435-6270 Email: klawshetty@panynj.gov
Type of Application: individual application or coalition application	
Coalition Applicant	
Funding Requested: Total CPRG implementation grant funding requested.	
Total Funding Requested	\$87,028,051
Application Title	
Electric Vehicle Charging Infrastructure for Taxis and Rideshare Vehicles and Zero-Emission Ground Support Equipment Voucher Program	
Brief Description of GHG Measures	
<p>Measure 1 EV Charging Infrastructure: Install electric vehicle charging infrastructure at JFK, EWR, and LGA airports dedicated for electric taxi and ride-hailing vehicles that service the airports.</p> <p>Measure 2 GSE Voucher Program: Enact a voucher program at five airports to provide reimbursement for the cost differential to replace eligible internal combustion engine Ground Support Equipment (GSE) with zero-emission models. On average this equates to 30% of the cost of the equipment. The value of the program is designed to cover approximately 800 pieces of equipment.</p>	
Sector(s)	
Transportation; Airport/aviation; Taxi and ride-hailing	

Expected Total Cumulative GHG Emission Reductions

Total:

Total for both measures, 2025-2030 = **54,561** metric tons of CO₂e

Total for both measures, 2025-2050 = **203,203** metric tons of CO₂e

Measure 1:

2025 – 2030: 36,858 metric tons of CO₂e

2025 – 2050: 122,859 metric tons of CO₂e

Measure 2:

2025 – 2030: 17,703 metric tons of CO₂e.

2025 – 2050: 80,344 metric tons of CO₂e.

Location(s)

- **Measure 1 EV Charging Infrastructure:** 1. Newark Liberty International Airport in Newark, NJ; 2. John F. Kennedy International Airport in Queens, NY; and 3. LaGuardia International Airport in Queens, NY
- **Measure 2 GSE Voucher Program:** 1. Newark Liberty International Airport in Newark, NJ; 2. John F. Kennedy International Airport in Queens, NY; 3. LaGuardia International Airport in Queens, NY; 4. Teterboro Airport in Teterboro, NJ; 5. Stewart Airport in New Windsor, NY

Applicable PCAP Reference(s)

Both measures are described in “New York City – Newark – Jersey City Metropolitan Statistical Area (NY-NJ MSA) Priority Climate Action Plan” (March 2024), published online at <https://ny-nj-msa-cprg-njtpa.hub.arcgis.com/>.

Measure 1 EV Charging Infrastructure:

- Action: Measure: Increase passenger vehicle charging infrastructure is described on page 46 and 49-50
- Milestone: Achieve 100% electrification of all taxis and ride-hail vehicles in NYC by 2030 is described on 49

Measure 2 GSE Voucher Program:

- Action: Electrify ground support and shore equipment is described on page 62-63; 83.
- Milestone: Electrify 50% of shore/ground support equipment by 2030, with the ambition to bring all equipment to zero-emission technologies by 2050 described on page 62