



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

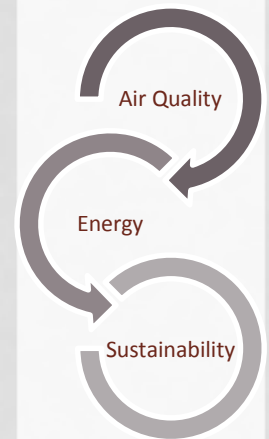


# DIVISION OF AIR QUALITY

## AIR QUALITY, ENERGY, AND SUSTAINABILITY

### AIR GRANTS & NEW PROJECTS

PEG HANNA, NOVEMBER 18, 2016



# Overview

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- EV grant program
- EV recognition program
- New EV website
- Construction grant program
- Portable monitoring

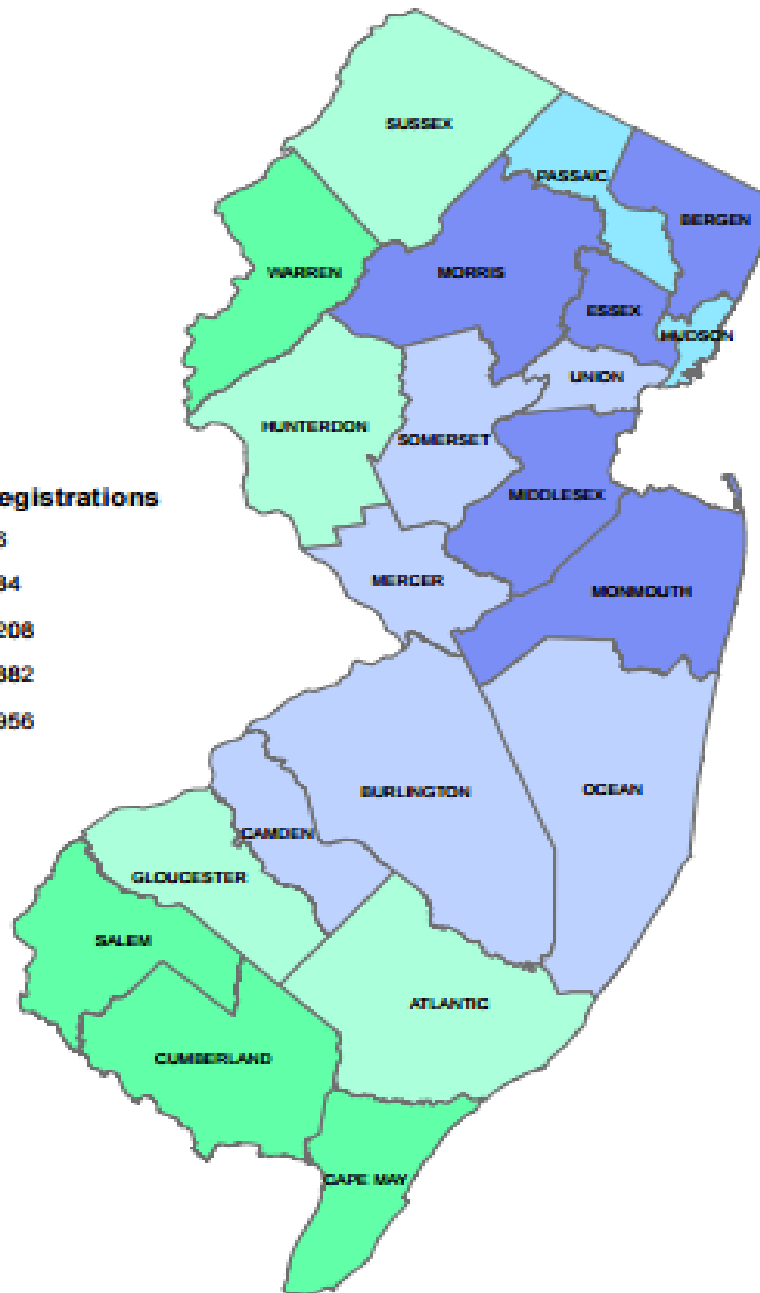
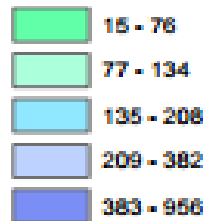
## Number of Electric Vehicle Registrations in New Jersey 2012-2016



# NJ EV/PHEV Registrations by County

## Legend

### EV/PHEV Registrations



# It Pay\$ to Plug In

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- Offset a portion (>50%) of the cost of purchasing and installing electric vehicle charging stations
- Encourage employees to purchase and drive electric vehicles to work

# Why workplace charging?

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# Grant Eligibility

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- All NJ employers eligible for funds (public, private, for-profit, not-for-profit, educational, and government entities)
- Only Level 1 and Level 2 chargers eligible



# Process

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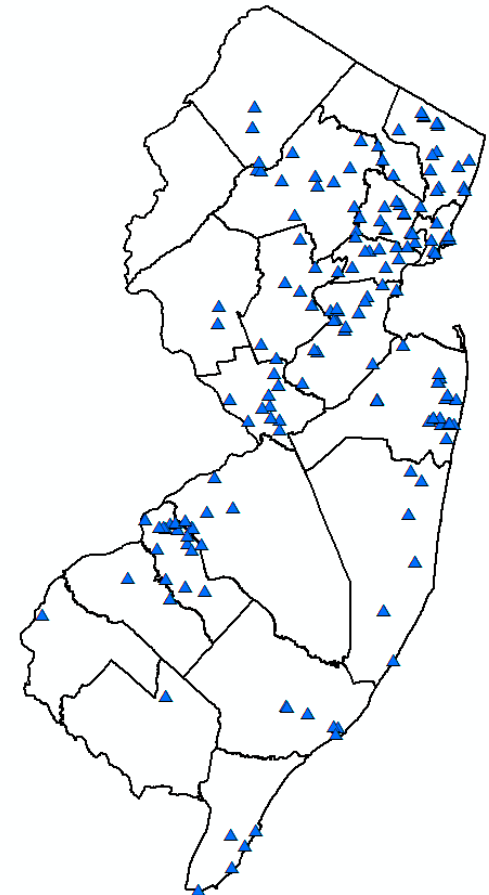
- Apply online prior to installation of charging stations
- Install within one calendar year then receive reimbursement
  - **Up to \$250 per Level 1 charging station**
  - **Up to \$5,000 per Level 2 charging station**



# Grant potential

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- Based on the funds available, this program has the potential to add 145 Level 2 chargers to the state
- The state currently has public charging stations at 200 locations (Source: USDOE's Alternative Fuels Data Center (July 2016))



# NJ Charging Challenge: Electrify Your Workplace

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- NJDEP wants to recognize employers in NJ that are making their workplaces “EV Ready”



# Charging Challenge Criteria

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- All employers in NJ are eligible to participate
- Must have installed a minimum of 2 EV charging stations (Level 1 or Level 2) since January 1, 2015
- Must fill out application and proof of install form



# DriveGreen NJ

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- DriveGreen NJ is a new consumer-focused website designed to provide information on EVs
  - EV basics
  - Charging 101
  - Affordability/available incentives
  - Tools (choosing the right EV, charging station locator, etc.)
- Check it out today! [www.drivegreen.nj.gov](http://www.drivegreen.nj.gov)



# NJ Clean Construction Program

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~ \$8 million available for construction retrofits and replacements through 2019. Funding is tied to geographic regions.

- \$4.6 million for construction retrofits
  - Grant covers 100% of retrofit and labor
  - Owner covers maintenance
- \$3.5 million for construction replacements
  - Grant covers 25-30% of a new piece of equipment up to \$100,000
  - New equipment must be the same type with equivalent HP
  - Newest Tier equipment available
  - Old piece of equipment must be scrapped



# Low cost sensor technology

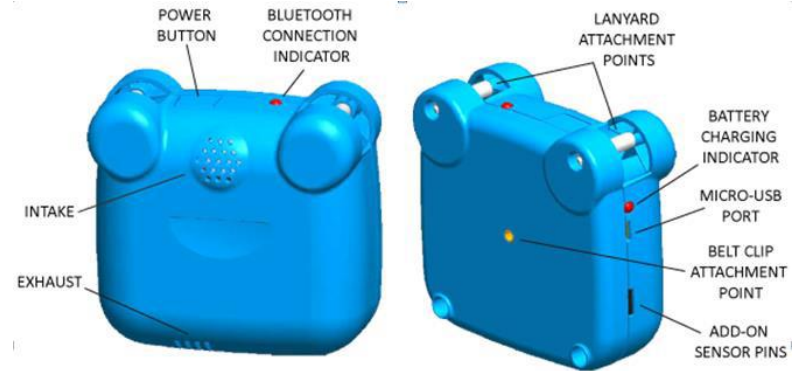


## AQ-SPEC

Air Quality Sensor Performance Evaluation Center



Air Quality Egg  
O3 sensor



AirBeam PM sensor

# Questions?

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[www.nj.gov/dep/aqes/](http://www.nj.gov/dep/aqes/)

[www.drivegreen.nj.gov](http://www.drivegreen.nj.gov)