

# NYMuniCohort

18 Oct - 15 Nov 2023

Poll results

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## What are your organization's sustainability goal/mandate to electrify your fleet? If so, by when (timeline)?

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- General requirements-State law- can't buy ice vehicles after 2035. Most recalcitrant municipalities must transition by late 2030s since they can't buy light duty.
- 50% MDHD by 2035 Port authority
- 100% LD non emergency by 2028. ~800 vehicles.
- Con Edison: 85% light duty by 2030 and 100% by 2035. And move MHDV as fast as possible based on available technology.
- HD by 2040.
- Fully electrified LD by 2035.
- NY Executive Order #22 — Zero Emission Fleet Transition by: 2035 - Light Duty 2040 - Heavy Duty
- NY Executive Order #22 — Zero Emission Fleet Transition by: 2035 - Light Duty 2049 - Heavy Duty

## Do you have a phasing plan? Do you plan to prioritize certain vehicles types?

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- New purchases based on current vehicle life expectancy. Operational decisions inform order of replacement (24/7 vehicles will be last in line). Port authority
- NYS General Services- light duty vehicle developing a conversion plan due December. Each state agency must develop such a plan.
- Con Edison: lower hanging fruit first in terms of vehicle availability and space for chargers, while doing longer term planning for the more complicated or challenging vehicles or infrastructure.
- NYPA: 20% LD by 2025. Plan being developed for MHD.

## Do you have a budget to electrify the vehicles in your fleet? (Entity, timeline, budget)

003

- PANYNJ: \$50M in 10 year capital plan for EV charging (fleet, buses, public), ~3 year operating budget for vehicle purchases
- NYPA: In the short term 2025 yes (20% LD fleet plus fleet charging). Long term TBD.
- State fleet has a budget set aside, but it is not sufficient for total conversion

**Are you currently engaged with a local utility to bring additional power at your facility? Are you able to calculate how much additional electric power will be required to electrify your fleet?**

002

- Absolutely! It all starts with a focus effort on the universe of the fleet units - PA, customers and partners (eg terminal operators) and the diversity of the fleet and its current and future use/consumption...and alignment to current and future capacities.
- PANYNJ - yes but could always use more coordination, we are working on planning increase in demand at order of magnitude level across facilities

## What is your workforce training strategy to enable operators, maintenance personnel to manage EVs and EV charging infrastructure?

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- There are a few streams moving together - 1) O&M Training Academy - multi crafts 2) Automotive - Fleet specific/training FM 3) Grow our own - partnerships with regional tech HS/trade schools/colleges - pipeline to entry. 4) Training for users 5) Electrical/Charger maintenance/use training - homegrown team (tie into OM Training Academy) and also contract use
- Developing best practices for upskilling maintenance personnel. NYPA has a few technicians already trained and provided with tools and PPE.
- Con Edison: We have a dedicated EV team within our existing automotive group that is implementing from the ground up.