

EV BENEFITS

- Adding EVs to your fleets will help foster a cleaner and healthier environment by reducing fossil fuel emissions.
- EVs greatly reduce fuel and engine maintenance costs, and are three times more energy efficient than gasoline-powered vehicles.
- EVs do not need oil changes, spark plugs, or timing belts, and unlike gasoline motors, electric motors require absolutely no routine maintenance.
- Embracing EVs will show your commitment to the future of your community.

YOU CAN NOW EASILY PURCHASE EVs ON THE NJ STATE PURCHASING CONTRACT, UNDER AWARD T0099.



THE HUDSON TMA IS DEDICATED TO PROMOTING SUSTAINABLE TRANSPORTATION IN HUDSON COUNTY



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THE FUTURE IS ELECTRIC!

THE BENEFITS OF 
ELECTRIC VEHICLES



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Transportation is New Jersey's largest source of air pollution. The state of New Jersey is being proactive by rolling out incentives and grant programs to help local and county government adopt Electric Vehicles (EVs).

Municipalities across New Jersey are already adding EVs to their fleets, and working to encourage their residents to take advantage of all the benefits that EVs have to offer.

Hudson County communities should act now to ensure our place at the forefront of this push to embrace EVs.

BUILD A HEALTHIER COMMUNITY!

FOSTER A CLEANER ENVIRONMENT!

PROVIDE A CHARGING STATION FOR THE PUBLIC

HOW TO START

1

PINPOINT

a few highly visible, trafficked areas in your municipality where charging stations would receive the most use. Possible sites may include a large municipal lot, recreation building, or a downtown area. Identifying feasible locations will help you determine which stakeholders you should contact for their input on the location of your charging station(s).

2

CHOOSE

the type of charging station best suited to your needs. Level 2 (240 V or 208 V AC) chargers are fastest, but Level 1 (110 V or 120V AC) chargers are also available.

3

DEVELOP

a plan for funding the charging station based on the recommended rebates and grants available.

4

PARTNER

with a qualified installer to help determine if your selected location for the charging station will meet installation requirements.

INCENTIVES

The DEP's *It Pay\$ to Plug-in* program offers up to \$6,000 for a Level 2 electric vehicle charging station. The program is available to local and county governments, multiunit dwellings, schools, and not-for-profit organizations. There's a waiting list, so apply now at drivegreen.nj.gov/plugin.html

The New Jersey Board of Public Utilities' *Clean Fleet EV Incentive Program* offers \$4,000 towards the purchase of a battery powered electric vehicle and is available to both local and state governments. The New Jersey Board of Public Utilities also provides up to \$1,500 for a dual port Level 2 charging station. For more info go to njcleanenergy.com/ev

RECOMMENDATIONS

Be sure to use the right signage for your charging station parking spots. Amend parking ordinances in the area to allow for adequate but limited charging time and to ensure enforcement of associated regulations and fines. In addition to purchasing EVs for your fleet and placing public charging stations, zoning ordinances will need to be revised to permit the use of Level 1 and Level 2 charging stations in the municipal zoning code.

Encourage new building developments to be EV charging ready by requiring new construction to be pre-wired for charging stations when appropriate and feasible. This will save the time and expenditures associated with future installations.



RESOURCES

Become a member of *Charge EVC*. *Charge EVC* offers assistance and advice every step of the way, from purchasing electric vehicles for your fleet to the best methods for locating highly visible charging station locations in your town. chargevc.org

Get points from *Sustainable Jersey* by adopting EVs for your fleet or by establishing EV infrastructure in your municipality. *Sustainable Jersey* can also help connect you to other municipalities who have done this work and who can help guide you through how to go electric! sustainablejersey.com

The *NJTPA Alternative Fuel Vehicle Readiness Guidebook* is a great resource to help guide you through the deployment of EVs, including the encouragement of charging stations in multi-unit dwellings, workplaces, and public locations. njtpa.org/Planning/Regional-Programs/Studies/Completed/2017/Alternative-Fuel-Vehicles-Infrastructure.aspx

