South Jersey Transportation Authority

MOVING FORWARD with Multiple Projects

EVs and the Workplace
Mileage-Based User Fees (MBUF)
Engineering: A Smarter Way to Build Roadways
The Benefits of Rail for Port Operations
The workplace is typically where someone spends the majority of their day. The ability to charge while at work makes the decision to purchase an EV easier. For employers, offering charging stations could be an extra benefit for employees, and an incentive to prospective hires.

Workplace charging demonstrates a commitment to environmental sustainability. Commercial properties should consider these best practices regarding EV charging:

**Conduct an Employee Survey**
The Alternative Fuels Data Center (AFDC) has some helpful resources for surveys.

**Set Clear Guidelines**
Providing guidelines on administration, registration, station sharing, and pricing will help to successfully implement EV charging. Networked chargers can make administering chargers easier. Apps like ChargePoint allow employees to track the status of their vehicle and join a charging waitlist.

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Providing Sustainable Transportation Solutions for Southern New Jersey

Public Transit/Shuttle Planning Services

Ev Infrastructure Services

Commuter Transportation Options

Bicycle & Pedestrian Safety Plans

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EVs and the Workplace  (continued from page 4)

What Kind of Charging Station does my Company Need?

Generally, there are two types of charging stations a business provides. Level 1 stations use a standard household 110v outlet and typically get 4 miles of driving range per hour of charge. Level 2 stations use 240v outlets and can provide up to 32 miles of range per hour, needing just 3-8 hours to fully charge, depending upon capacity of battery. DC Fast chargers are the most powerful, but not necessary for locations where vehicles live beyond a half-hour. Stations can have multiple ports to allow more than one vehicle to use them at the same time.

How to pay for Charging Stations?

New Jersey has created grant programs to help offset the costs of charging stations. NJ Department of Environmental Protection (NJDEP) administers the It Pay$ to Plug In grant with the goal of offsetting the cost of EV charging infrastructure. The program is open to businesses, government entities, non-profits, educational institutions, and multiunit housing complexes. NJDEP reimburses grantees for charging stations by type, as follows:

- **$750 per level 1 port**
- **$4,000 per level 2 port**

NJDEP’s Drive Green NJ website provides a wealth of information on this and other EV grant programs.

Utility Company Programs

Both PSEG and AC Electric have EV infrastructure programs to help cover the “make ready” cost of workplace charging station installation. Make ready costs refer to the funds needed to upgrade a property’s electrical equipment to handle level 2 chargers.

For businesses located in AC Electric’s service area the program will cover up to $4,500 per charger to lay the groundwork for a networked Level 2 stations. PSEG will cover up to $7,500 per charger at mixed-use commercial properties. To be considered a mixed-use property, you must allow public access to the chargers.