



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

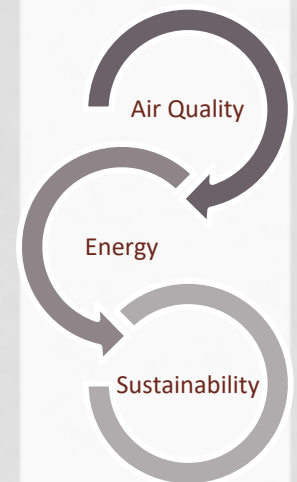


DIVISION OF AIR QUALITY

AIR QUALITY, ENERGY, AND SUSTAINABILITY

Grant Solicitation for Publicly-Accessible Electric Vehicle Fast Chargers in Communities

NJCAR MARCH 2, 2022



Andrea Friedman, Supervisor – Electric Vehicle Programs
NJDEP Division of Air Quality

Today's Agenda



- Eligibility, grant amounts, selection criteria
- Application deadline
- How to apply
- How to submit questions

Volkswagen Settlement funds for EV Infrastructure



\$4 million competitive solicitation for publicly-accessible Direct Current Fast Chargers (DCFC) in community settings

- Application period opens **March 14**
- Deadline for applications is **Friday, May 13 at midnight**
- Full details and application portal at nj.gov/dep/drivegreen/communitydcfc.html

It Pay\$ to Plug In

NJDEP's Grant Program for EV Charging Stations

Level 1 and Level 2 Incentive

*Up to \$4,000 per port for **Level 2** chargers at **public places, multi-family homes, and workplaces** (including fleets). First come, first served.*

Corridor Fast Charger Incentive

*Up to \$200,000 per location for **public DC fast chargers along major roadways**. Competitive solicitation.*

NEW!

Community Fast Charger Incentive

*Up to \$200,000 per location for **public DC fast chargers where people live and work**. Competitive solicitation.*



Eligible Locations

- Located anywhere in New Jersey.
- New DCFC locations only. No existing DC Fast Charging stations at the site.
- “Where people live and work.” Examples include*:
 - town centers
 - commercial areas
 - retail centers
 - near concentrations of multifamily dwellings

** These are examples only. This is not a complete list of eligible settings. We will consider applications for other settings if they are near where people live and work.*

Eligible Projects

- Must install at least two DCFC at same location
- Available exclusively to the general public
- User-friendly: Well lit, open 24/7 all year, accept credit cards, display pricing information
- Minimum 50 kilowatts (kW) each
- Each must have a CCS connector and a CHAdeMO connector
- New projects only.
- “Shovel ready”: You will be able to begin the process as soon as DEP makes the award.

Grant Amounts and Eligible Costs

- **Grant amount per location** depends on the power level of the chargers, and whether the site is government-owned property or private property.

Power level per charger	Maximum grant per location
50 – 99 kW	\$75,000
100 – 149 kW	\$150,000
150 kW or greater	\$200,000

- On government-owned property: 100% of eligible costs up to maximum
- On private property: 80% of eligible costs up to maximum
- **Eligible costs:** The cost of charging stations, associated delivery and activation fees; warrantee, maintenance agreement and network subscription for up to 5 years; leasing contract (if necessary).
- **Utility incentives:** This grant can be combined with utility incentives for EV charging infrastructure (aka “make-ready” infrastructure).

Selection criteria for proposals

Applications will be evaluated on the following selection criteria, **listed below in order of priority to DEP:**

1. County Tier
2. Suitability score
3. Other features: locations near concentration of multi-unit dwellings; attractions and destinations, educational value, battery storage, solar power, etc.
4. Amenities within walking distance (1/4 mile maximum)
5. Distance from compliant DCFC
6. DCFC power level

Tiered ranking of grant proposals

Counties are grouped into three tiers based on progress toward their allocations-based goal.

Projects in all counties are eligible.

We will prioritize proposals from Tier 1 counties

[Click here](#) for the county tiers

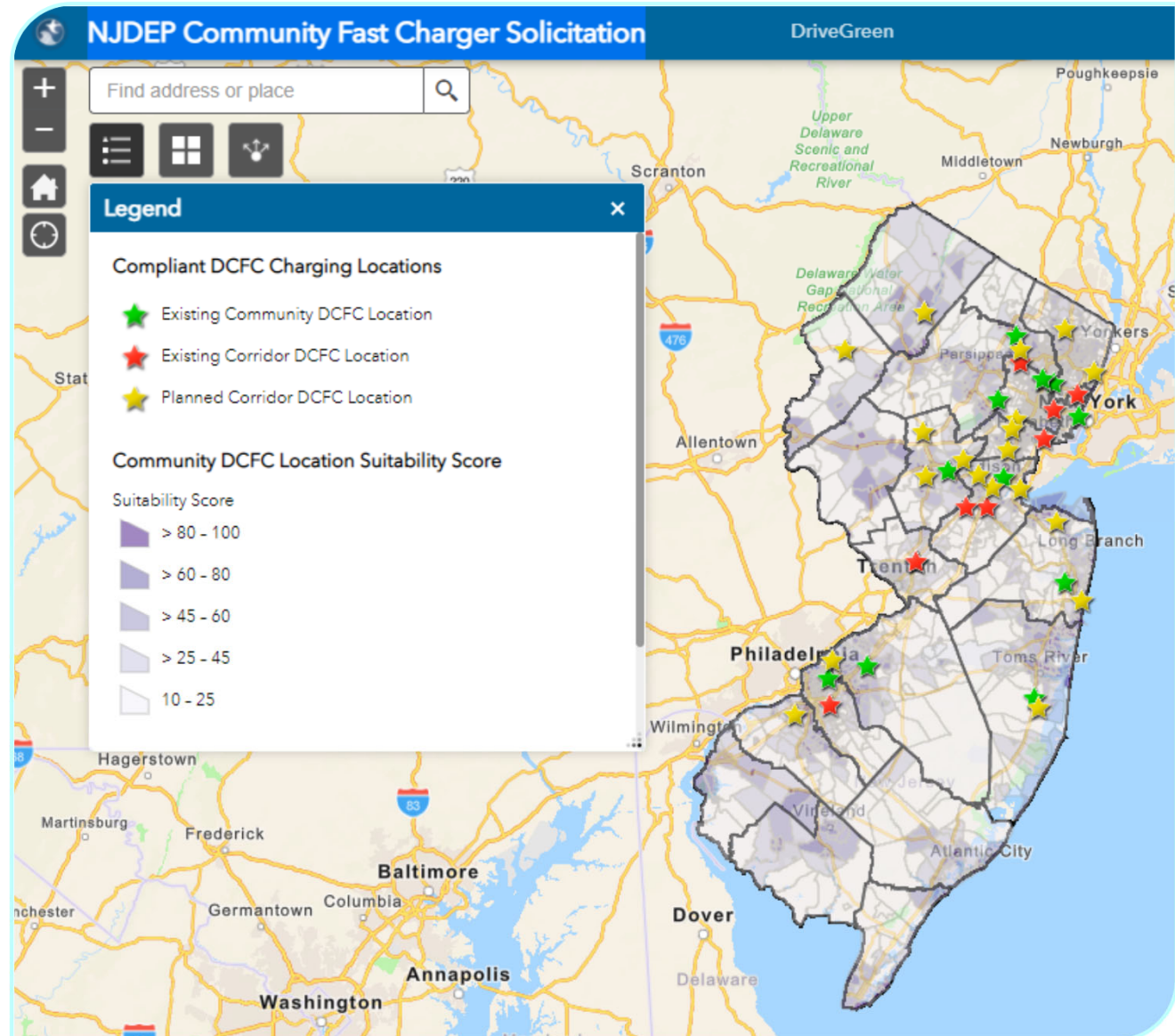
COMMUNITY DCFC		PROGRESS TOWARD GOAL
County	Progress toward goal	
Essex	43%	Tier 3 > 25%
Mercer	25%	
Somerset	25%	
Camden	20%	Tier 2 10-20%
Passaic	20%	
Morris	20%	
Burlington	20%	
Hudson	17%	
Monmouth	17%	
Ocean	17%	
Middlesex	14%	Tier 1 < 10%
Bergen	0%	
Union	0%	
Gloucester	0%	
Atlantic	0%	
Cumberland	0%	
Sussex	0%	
Hunterdon	0%	
Warren	0%	
Cape May	0%	
Salem	0%	

Distance from compliant DCFC, and Suitability Score

Interactive mapping tool to help inform strategic siting of Community DCFC

- Existing and planned DCFC locations that are compliant with the EV law for "Corridor Location" and "Community Location"
- Suitability score for each census tract, based on population and commercial activity

[Click here](#) for DEP's interactive mapping tool



Process and Timeline

1. Read the [Overview and Instructions](#). Apply via the [SAGE online grant portal](#).
2. Obtain 3 quotes for the charging stations.
3. Submit all required documents via SAGE.

DEP will evaluate all applications and announce awards.

If your project is selected for an award:

4. DEP grant manager will work with you to execute a grant agreement within one month or as soon as possible.
5. Install DCFC within 12 months of execution of the grant agreement. **Do not purchase equipment before your grant has been executed.**
6. Submit paid invoices and other required documentation.
7. DEP will disburse grant funds.

For Complete Details, Maps and Application Materials

Home Page: It Pay\$ to Plug In – Community DC Fast Charger Solicitation

nj.gov/dep/drivegreen/communitydcfc.html



[Overview and Instructions](#)

[Interactive mapping tool](#)

[SAGE online application portal](#)

If you have questions about this solicitation

- DEP will accept **written questions only** regarding this solicitation.
- The deadline to submit questions is **Friday, March 4 at midnight**.
- DEP will post all questions and answers on or before March 11 at nj.gov/dep/drivegreen/communitydcfc.html
- Submit questions to drivegreen@dep.nj.gov Include the phrase **Community DCFC Questions** in the subject line of your email.

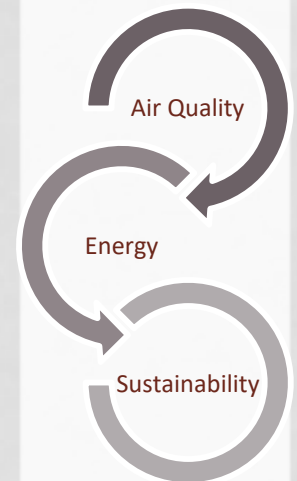


STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Contact me at:

Andrea Friedman
Supervisor, Electric Vehicle Programs
New Jersey Department of Environmental Protection
Andrea.Friedman@dep.nj.gov



EXTRA SLIDES

Utility Incentives for Make-Ready Infrastructure



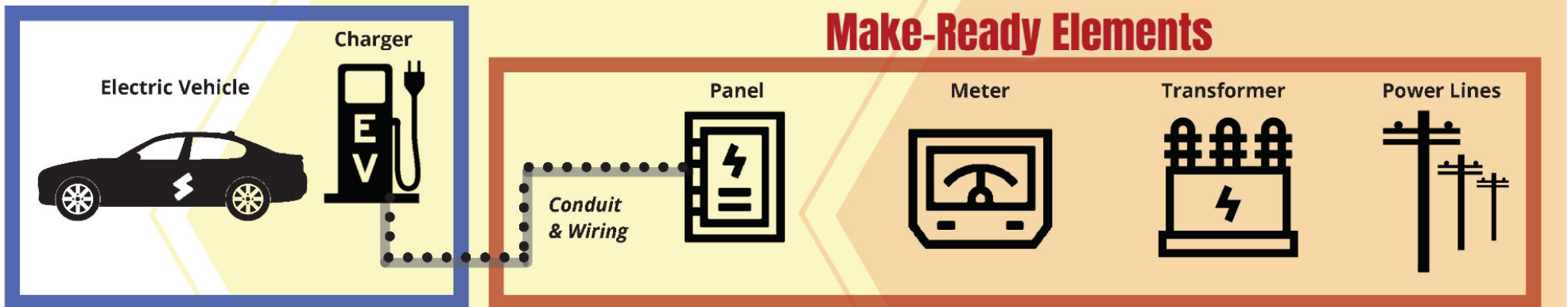
What does *Make-Ready* mean?

A Guide to Electric Vehicle Infrastructure

Customer-Side "*Behind the meter*"

Utility-Side "*To the meter*"

Make-Ready Elements



Make-Ready is the pre-wiring of the electrical infrastructure at a site to enable it to accommodate a charger easily & efficiently. *Make-Ready infrastructure* includes service panels, junction boxes, transformers, meters, conduit, wiring, etc. *Make-Ready* does not include activation, hook-up or price of charger(s).

For eligibility, incentive amounts, requirement and application, see:

[PSE&G Electric Vehicle Charging Program](#)

[Atlantic City Electric Vehicle Charging Program](#)

EV hosting capacity maps from NJ utilities

New Jersey utilities have developed load capacity maps to help guide development of electric vehicle charging infrastructure. The maps show areas where new DCFC infrastructure can likely be installed without the need for extensive equipment upgrades.

The maps also show areas where capacity may be constrained, and EV charging projects may require major equipment upgrades.

The maps are for informational purposes only. **DEP recommends that customers and developers carefully read and understand utilities' explanations of the use and limitations of their capacity maps.**

[PSE&G Capacity Map](#)

[Atlantic City Electric Capacity Map](#)

New Jersey's EV Law: Community DCFC Provisions

- By December 31, 2025, at least 100 charging locations shall be community locations, equipped with at least two DC Fast Chargers per location, each capable of providing 50 kilowatts of charging power or more, and 150 kilowatts or more where feasible.
- “Community location” means a charging location that is not a corridor location, and that is established in a town center, commercial area, retail center, or near concentrations of multifamily dwellings, to provide vehicle charging services to local plugin electric vehicle drivers near where they live and work.