



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

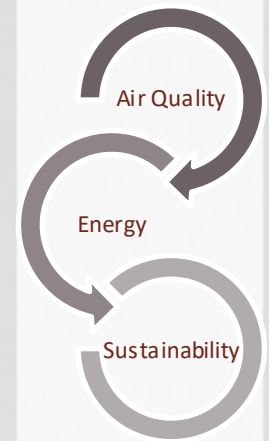


DIVISION OF AIR QUALITY

AIR QUALITY, ENERGY, AND SUSTAINABILITY

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

INFORMATIONAL WEBINAR - FEBRUARY 2022



NJDEP Division of Air Quality, Bureau of Mobile Sources

Webinar Agenda



- Housekeeping
- Eligibility, grant amounts, selection criteria – Andrea Friedman
- Interactive mapping tool – Oscar Mayer
- SAGE online application portal – Brittany Pfeiffer
- Q & A

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



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.

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
- Minimum 50 kilowatts (kW) each
- Each must have a CCS connector and a CHAdeMO connector
- Available exclusively to the general public
- User-friendly: Well lit, open 24/7 all year, accept credit cards, display pricing information
- New projects only. We will not fund installed projects, or projects where charging stations have been purchased.
- “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).

Utility Incentives for Make-Ready Infrastructure

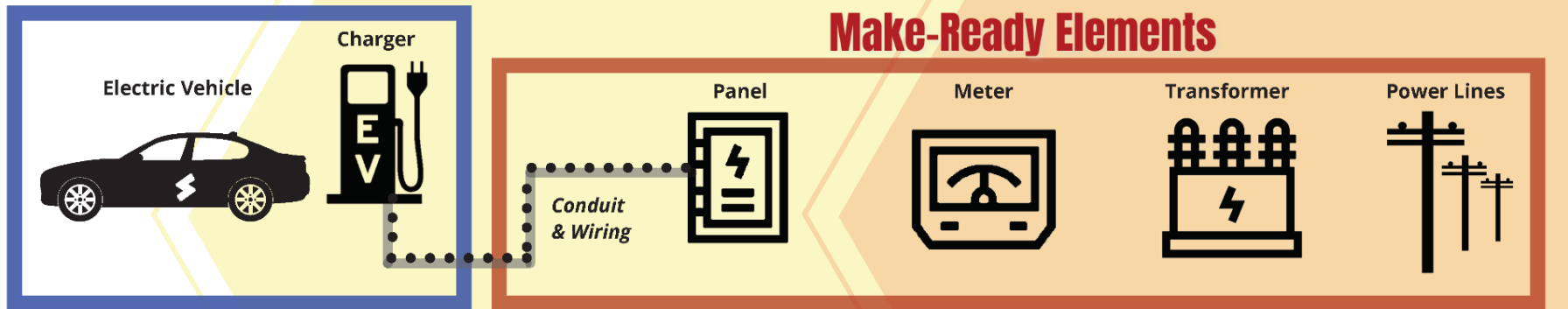


What does *Make-Ready* mean?

A Guide to Electric Vehicle Infrastructure

Customer-Side "Behind the meter"

Utility-Side "To the meter"



Make-Ready 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](#)

Selection criteria for proposals

Applications will be evaluated on the following selection criteria:

- County Tier. Tier 1 counties (counties with no compliant community chargers) will be given priority
- MJ Bradley Census Tract score
- Amenities within walking distance (1/4 mile maximum)
- Distance from existing and planned compliant DCFC
- DCFC power level
- Other desirable features, such as locations near concentrations of multi-unit dwellings, attractions and destinations, educational value, battery storage, solar power, etc.

Allocation of Community DCFC Locations

Total 100 locations per the EV Law

Allocate 2 Community locations per county (2 x 21 = 42)

Allocate the remaining 58 locations based on weighted average of the population in each county

County	Compliant DCFC locations (existing and planned)	Total allocation	Net allocation	Progress toward goal
Atlantic	0	4	4	0%
Bergen	0	9	9	0%
Burlington	1	5	4	20%
Camden	1	5	4	20%
Cape May	0	3	3	0%
Cumberland	0	3	3	0%
Essex	3	7	4	43%
Gloucester	0	4	4	0%
Hudson	1	6	5	17%
Hunterdon	0	3	3	0%
Mercer	1	4	3	25%
Middlesex	1	7	6	14%
Monmouth	1	6	5	17%
Morris	1	5	4	20%
Ocean	1	6	5	17%
Passaic	1	5	4	20%
Salem	0	2	2	0%
Somerset	1	4	3	25%
Sussex	0	3	3	0%
Union	0	6	6	0%
Warren	0	3	3	0%
TOTAL	13	100	87	13%

Tiered ranking of grant proposals

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

We will prioritize proposals from Tier 1 counties

Projects in all counties are eligible.

[Click here](#) for the county tiers

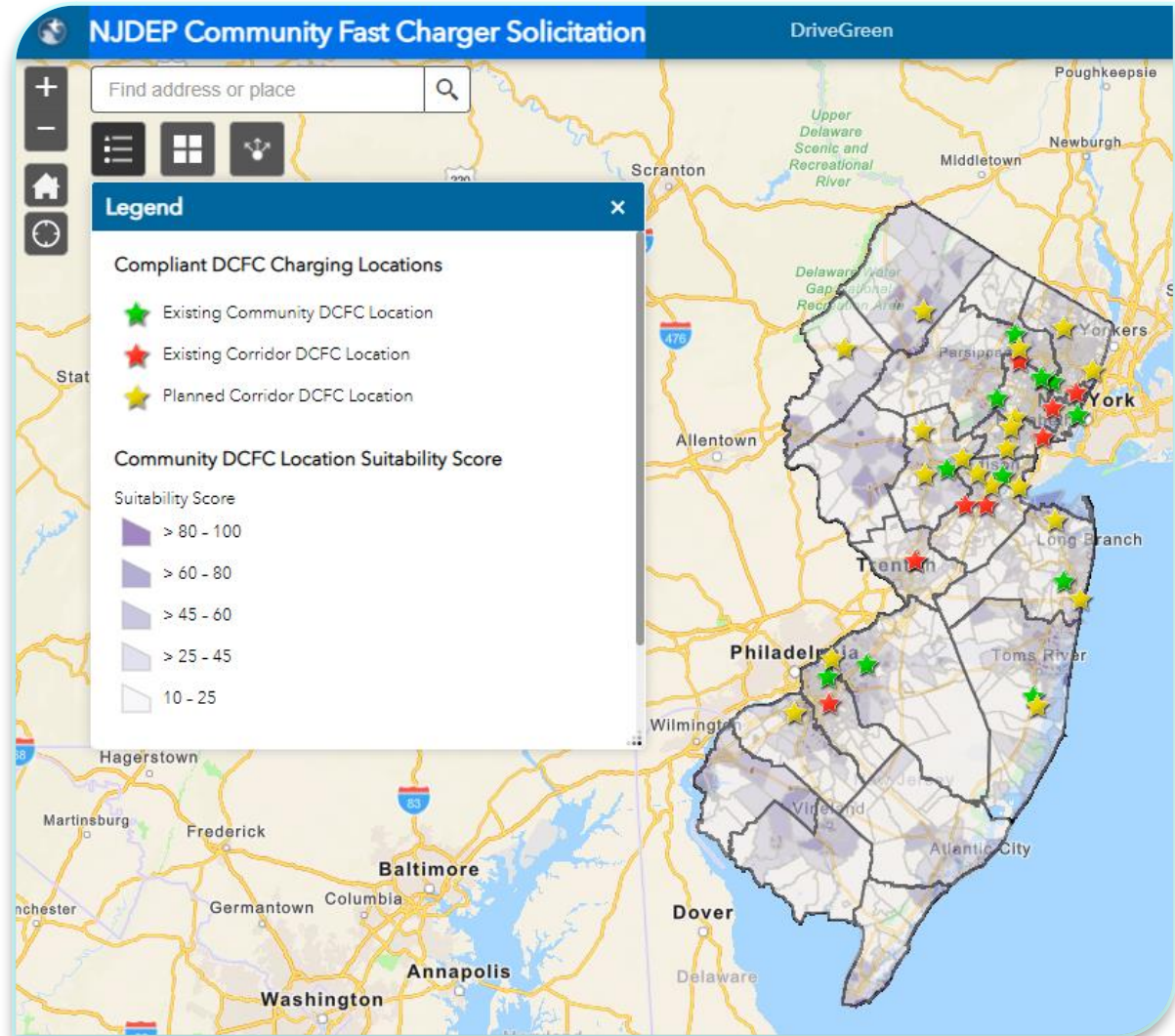
COMMUNITY DCFC		PROGRESS TOWARD GOAL
County	Progress toward goal	
Essex	43%	Tier 3 > 25%
Mercer	25%	
Somerset	25%	
Camden	20%	Tier 2 10-20%
Passaic	20%	
Morris	20%	
Burlington	20%	
Hudson	17%	
Monmouth	17%	
Ocean	17%	
Middlesex	14%	Tier 1 < 10%
Bergen	0%	
Union	0%	
Gloucester	0%	
Atlantic	0%	
Cumberland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

MJ Bradley Census Tract Score, and Distance from existing and planned DCFC

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



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](#)

Summary: Selection criteria for proposals

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

1. County Tier. Tier 1 counties will be given priority.
2. MJ Bradley Census Tract 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 existing and planned DCFC
6. DCFC power level

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 or install equipment before your grant has been executed. Completed projects are not eligible.**
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 written questions is **March 4 at midnight**.
- DEP will post all questions and answers on or before **March 11**
- Submit questions to drivegreen@dep.nj.gov Include the phrase **Community DCFC Questions** in the subject line of your email.

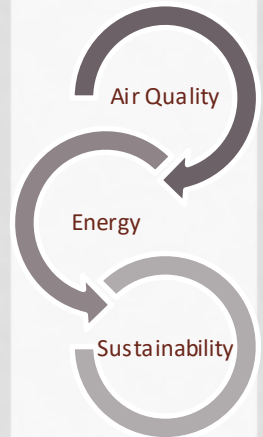


Coming up next:

Interactive mapping tool – Oscar Mayer

SAGE online application portal – Brittany Pfeiffer

Q & A



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