Cycle 2 National ZEV Investment Plan
Miami Overview

09.19.2019
Electrify America’s Cycle 2 plan supports our mission to develop an ultra-fast, comprehensive fueling network for all

Cycle 2 Principles

- Start from the fundamentals
- Engage external stakeholders
- Emphasize real world inputs
The Cycle 2 Plan invests $300M nationally between July 1, 2019, and December 31, 2021 to increase ZEV adoption.

Remaining Balance includes $30M overhead, as permitted in the Partial Consent Decree.
Electrify America stations will continue to feature ultra-fast charging speeds with customer-focused features and design.

**Speed**

- 0.4 miles (Level 2, 50 kW)
- 3 miles (150 kW)
- 9 miles (350 kW)
- 20 miles

**Miles of range* per minute charged by DCFC power**

*Assumes 3.5 miles per kWh

**Connections**

- Non-proprietary chargers at all stations: CCS and CHAdeMO

**Payment**

- Credit card access
- RFID, Mobile Pay & app access
- Plug and Charge (CCS ISO15118)
Cycle 2 investments will be made in 18 metropolitan areas across the country, an increase of 7 from Cycle 1.
Electrify America - Cycle 1 DCFC Investments in Florida

The Miami metro area is targeted for an additional 6-10 locations in Cycle 2.
Electrify America partners with 25 real estate companies to secure station sites that meet several criteria.

- Sheetz, Fueling, Dining, and Convenience Chain, Girard, OH
- Walmart, major national grocery and retail chain
- Dell Mercantile, General store & Post Office, Dell, Montana
- Target, major national grocery and retail chain
- Brugh’s Mill Country Store, Fincastle, VA
- Macerich, Real Estate Investment Trust Specialized in Malls

Criteria:
- Safety
- Visibility
- Sufficient Parking
- Retail Proximity
- 24/7 Access
- Power Proximity
Clear and consistent permitting practices and requirements can reduce costly delays

Electrify America’s Total Project Duration: 130 workdays (6 MONTHS)

1. CD30 development
   - Approval: 20 work days

2. CD90 Development
   - Approval: 20 work days

3. CD 100s
   - 15 work days

4. Permitting
   - 35 work days

Mobilization
- 10 work days

Construction
- 30 work days

Permitting Best Practice Example:

1. City Planning Director reviews Site Plan with PDM and provides feedback in 24 hours
   - 1 work day

2. City receives permit application. Planning reviews drawings for adherence to approved Site Plan
   - 1 work day

3. Planning Department provides approval with same day turnaround
   - 1 work day

4. Building and Fire Department review concurrently.
   - 10 work days

TOTAL PERMITTING TIME: MAX 3 WEEKS
States and cities can create policy environments to encourage ZEV adoption and investment.

- **Sending Long-Term Signal to Market**
- **Reducing PEV Operational Costs**
- **Reducing Upfront Costs**
- **Increasing Awareness and Education**
- **Improving Economic Viability of EVSE**
- **Improving PEV and EVSE Planning**

Analysis by NASEO and Cadmus found sending a long-term signal to the market and reducing upfront costs were the most powerful policy tools to drive ZEV adoption.

**PEV Policy Evaluation Rubric:** [https://naseo.org/Data/Sites/1/pevpolicyrubricmethodology_naseo.pdf](https://naseo.org/Data/Sites/1/pevpolicyrubricmethodology_naseo.pdf)
We look forward to continued collaboration

Thank you

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