



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Energy Programs Office

Pennsylvania DEP Electric Vehicle Program Updates

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Pennsylvania Department of Environmental Protection

Energy Programs Office

April 15, 2021

Agenda

1. Alternative fuel vehicle consumer rebates
2. Driving PA Forward Level 2 rebate program
3. DC fast charging and hydrogen fueling grant
4. Driving PA Forward vehicle programs
5. Alternative Fuel Incentive Grant Program



DEP Alternative Fuel Vehicle Consumer Incentive

Current Rebates:

- \$750 for new electric vehicle
- \$500 for new/used plug-in hybrid or used electric vehicle
- Additional \$1,000 for applicants with income below 200% of federal poverty

\$50,000 purchase cap

Used vehicles must have less than 75,000 miles

Alternative Fuels Incentive Grant Program



DEP Alternative Fuel Vehicle Consumer Incentive

Planned Changes:

- Program will be updated effective July 2021
- New household income cap based on XXX% of federal poverty level
- Rebate amounts may increase
- Details will be released closer to program update

Alternative Fuels Incentive Grant Program





PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRIVING PA FORWARD
Rebates For Level 2 Charging Stations

Rebates for Level 2 EV charging projects at public spaces, workplaces (employee or fleet), or multi-unit dwellings

- Voucher system
- First come, first served
- Rebate levels decrease over time
- **Over 950 plugs installed so far**

Current Rebate Amounts

<u>Project Type</u>	<u>Maximum Rebate per Plug</u>	<u>OR</u> <i>(whichever is less)</i>	<u>Maximum % of Total Project Cost</u>
Full Public Access, Networked	\$4,500	or	70% (Government Property - 90%)
Full Public Access, Non-Networked	\$4,500	or	60% (Government Property - 80%)
No/Limited Public Access	\$3,500	or	50%

Level 2 Rebates

Completed:

- 291 Projects
- 959 Plugs
- \$3.9 Million

Active:

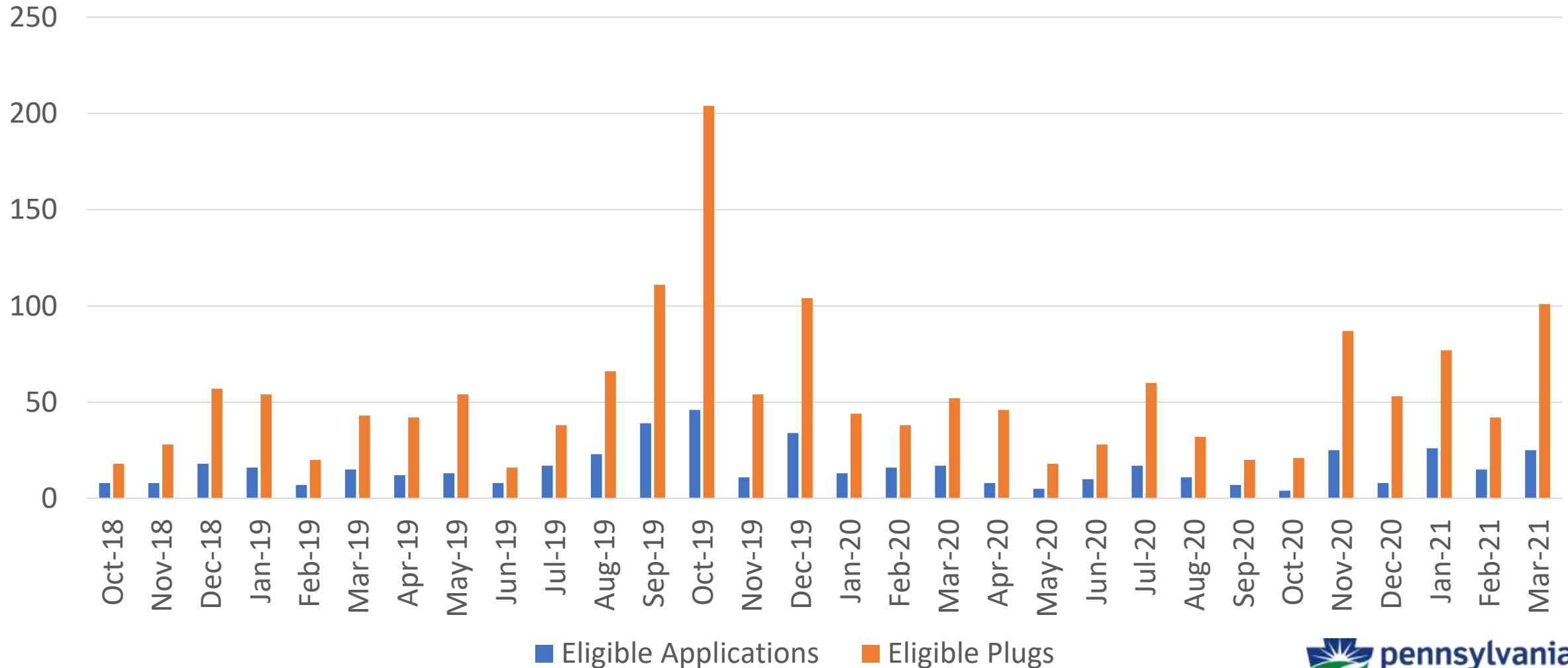
- 136 Projects
- 506 Plugs
- \$1.8 Million

Next Program Update Planned for
May 3rd!



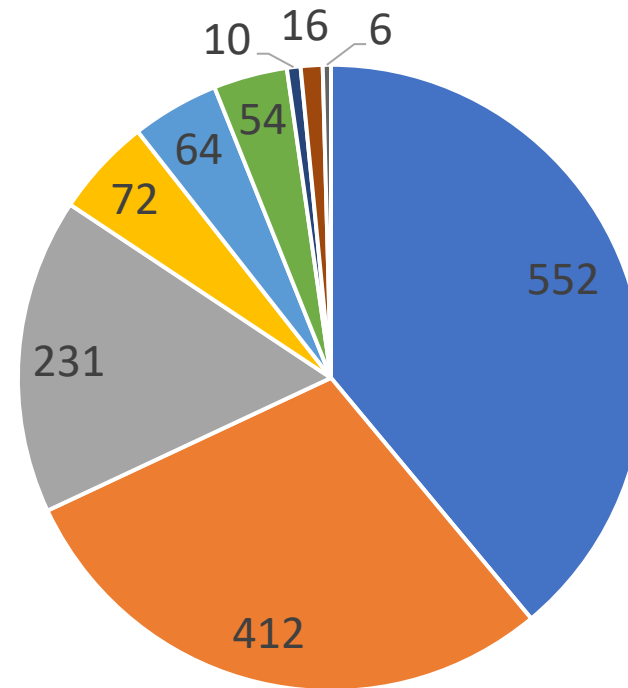
Level 2 Applications

Eligible Applications and Plugs By Month



Level 2 Projects

Number of Active/Completed Plugs By Electric Distributor Service Area



■ PECO ■ PPL ■ DLC ■ West Penn ■ Met-Ed ■ Penelec ■ Municipal ■ Rural Cooperative ■ Penn Power

Planned New Rebate Amounts

<u>Project Type</u>	<u>Maximum Rebate per Plug</u>	<u>OR</u> <u>(whichever is less)</u>	<u>Maximum % of Total Project Cost</u>
Full Public Access, Networked	\$4,000	or	70% (Government Property - 80%)
Multi-Unit Dwelling	\$3,500	or	50%
All Other Eligible Projects	\$3,000	or	50%

Other Planned Level 2 Rebate Program Changes

Maximum plugs per site:

- Decreasing from 20 to 12

Clarify public access requirements

- Equipment must be available during times the public would be expected to visit



DC Fast Charging and Hydrogen Grant Program

Awards to Date:

- 14 projects with 40 plugs
- \$3.4 million
- 2 projects with 4 total plugs are complete

Most recent round closed February 2021

- Received over \$6 million in applications for about \$1 million of funding
- Will announce awards in a couple months



DC Fast Charging and Hydrogen Grant Program

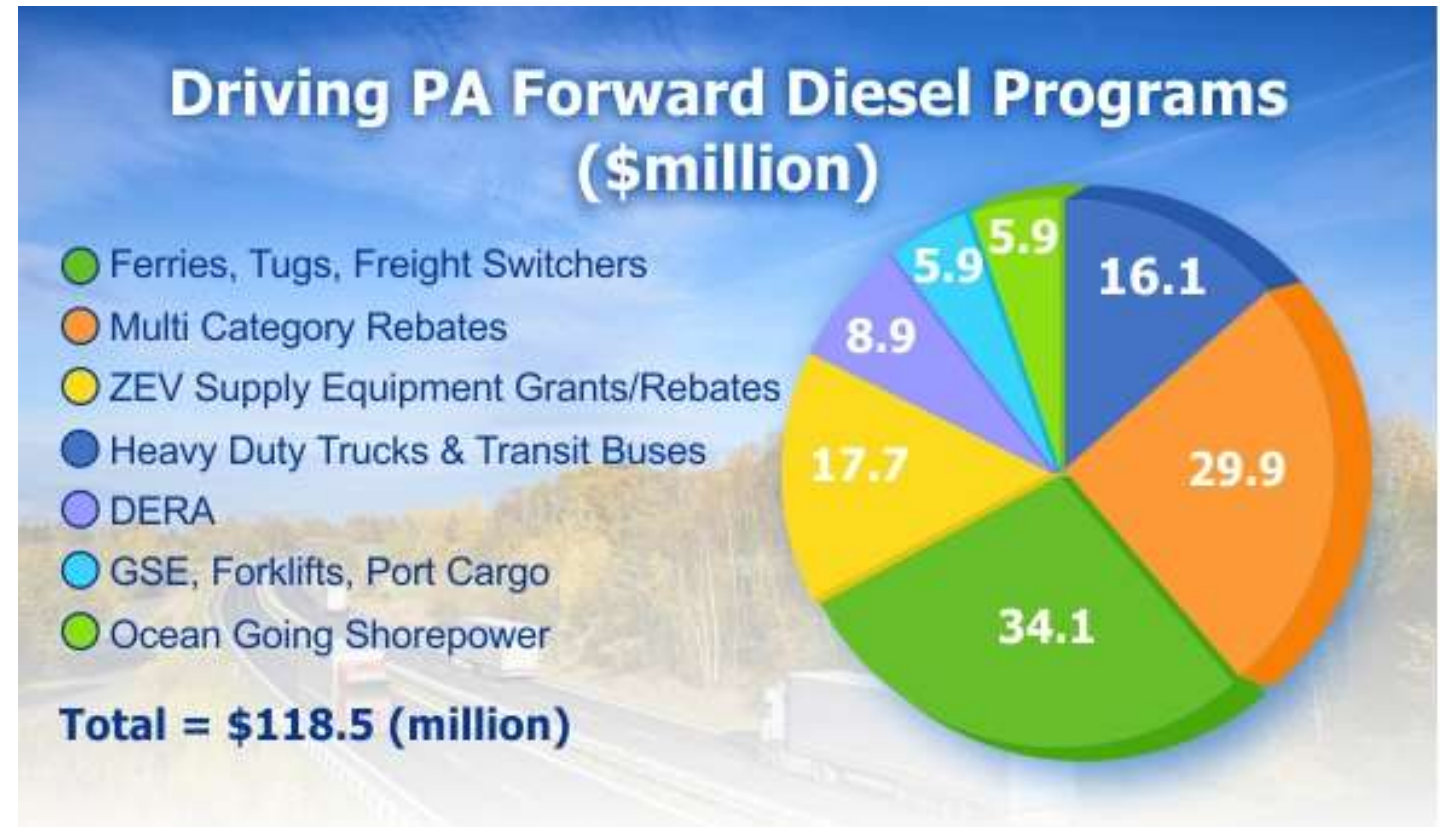
- About \$2 million in new awards each year
- About two years of funds remaining
- 2021 applications will open in late spring or early summer
- Maximum funding percentage may decrease
- Stronger emphasis on corridor expansion projects
 - Scoring and funding benefits



www.depgis.state.pa.us/DrivingPAForward/

Driving PA Forward Vehicle Programs

- Funding for the replacement of pre-2010 diesel trucks
- Must be class 4-8
- Higher funding amounts when replacing with electric
- So far, no viable electric vehicle applications
- Opens for applications annually



Alternative Fuel Incentive Grant Program

- About \$3-5 million/year to incentivize fleet transitions to alternative fuels
- Competitive grant program
- Three project types readily apply to electric vehicles
 - Incremental cost of purchasing new alternative fuel vehicles (class 1-8)
 - Fleet re-fueling equipment
 - Public re-fueling stations

Alternative Fuels Incentive Grant Program



<https://www.dep.pa.gov/Citizens/GrantsLoansRebates/Alternative-Fuels-Incentive-Grant/Pages/default.aspx>

Alternative Fuel Incentive Grant

- Percentage of applications for EV and EVSE is increasing
- Opening in mid- to late spring
- Planned EV and EVSE Program Changes:
 - PennDOT registration requirement waived for yard trucks
 - More eligible battery sizes for medium and heavy-duty vehicles
 - Clarify that auto dealerships are eligible for Work-Site Refueling category
 - May allow charging equipment to be purchased before award date

Alternative Fuels Incentive Grant Program



<https://www.dep.pa.gov/Citizens/GrantsLoansRebates/Alternative-Fuels-Incentive-Grant/Pages/default.aspx>



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Questions?

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