

# Electric Transportation Biannual State Regulatory Update

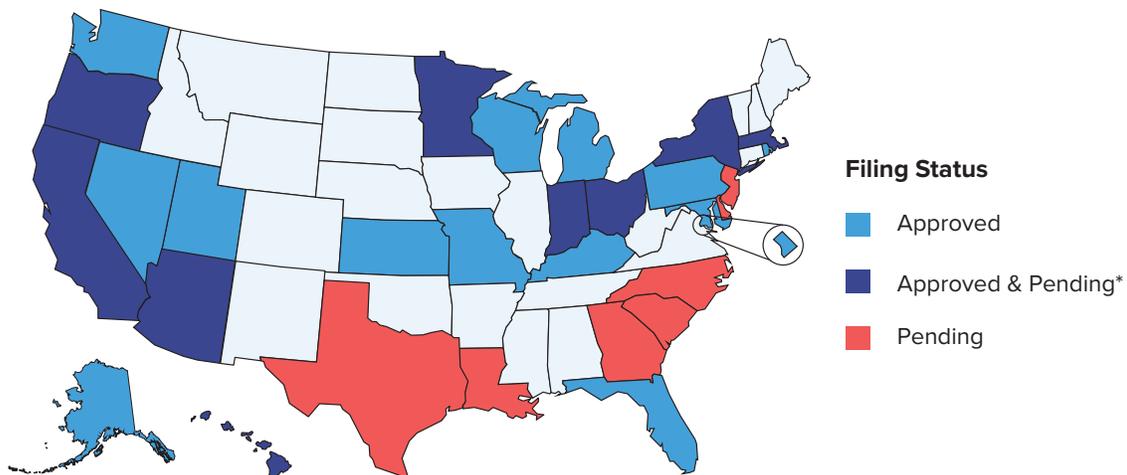
(Thru May 31, 2019)

## HIGHLIGHTS

Electric companies increasingly are engaged in multiple aspects of electric transportation (ET). This document provides highlights of regulatory activity related to electric transportation. As of May 31, 2019:

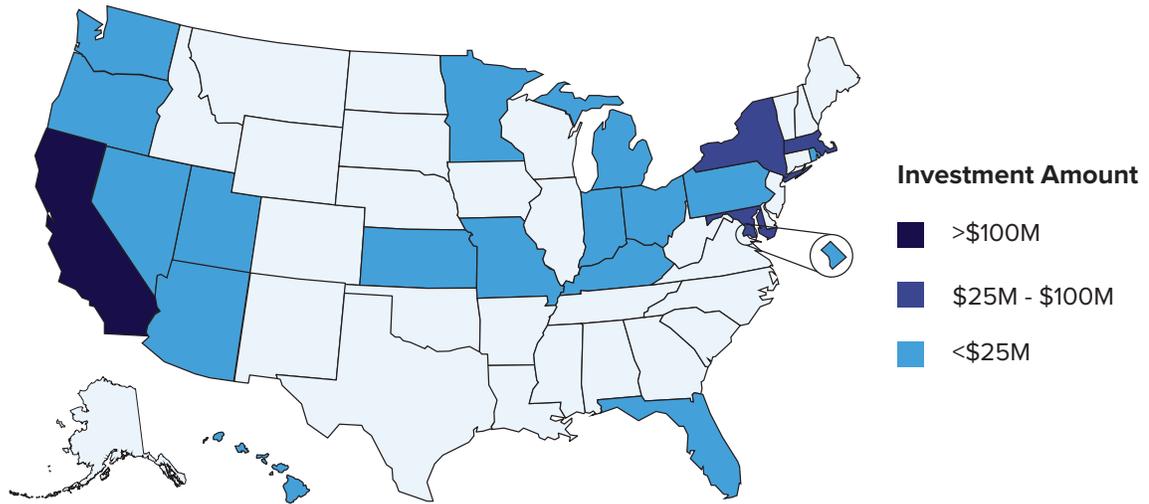
- 43 electric companies have received approval of electric transportation filings in 23 states plus DC, representing a total investment of more than \$1.26 billion (see Figures 1 & 2).
- 21 electric companies have pending ET filings in 16 states, representing a total potential investment of \$1.75 billion (see Figures 1 & 2).
- Approved charging infrastructure investments include make-ready infrastructure (up to the charging station); electric company ownership of charging infrastructure; and charging station rebates/discounts to customers (see Figure 3).
- 18 states have open general proceedings related to ET (see Figure 4).

**Figure 1. EEI Member Company Regulatory Filings Related to Electric Transportation:  
Approved and Pending (May 31, 2019)**



\*This filing status indicates states with previously approved filings and filings still under consideration.

**Figure 2. EEI Member Company Investments Total \$1.1 billion in States with Approved ET Filings (May 31, 2019)**



**Figure 3. Approved EEI Member Company ET Charging Infrastructure Investments by State**

Approved Electric Company Investments			
State	Make-Ready Infrastructure (up to the charging station)	Electric Company Ownership of Charging Stations	Charging Station Rebates/Discounts to Customers
AZ	✓		✓
CA	✓	✓	✓
DC	✓		
FL		✓	
HI		✓	
KS		✓	
KY		✓	
MA	✓		✓
MD		✓	✓
MI	✓		✓
MO		✓	✓
NV			✓
NY	✓		✓
OH			✓
OR		✓	✓
PA	✓	✓	✓
RI	✓		✓
UT	✓		✓
WA		✓	✓
WI		✓	

Note: Figure 3 only shows approved filings that included a charging infrastructure component.



Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
<b>Arizona Public Service Company</b>	AZ, E-01345A-17-0134	Pending	9/1/2017	Proposal for four pilots including: managed EV charging; experimental EV rider for general service customers (EVC-GS); an electric school bus pilot that would provide a limited number of buses and charging infrastructure to participating school districts; and a \$100 incentive for participating home builders who pre-wire new construction homes for EV infrastructure.	\$3.6 million
<b>Delmarva Power</b>	DE, 17-1094	Pending	10/19/2017	Proposed program offerings for residential customers include: a time-of-use rate; incentives for sharing usage information with the electric company; and discounts for EV charging equipment installed at home. Commercial customers will be eligible to receive discounts for chargers installed at multi-unit dwellings and parking garages. Delmarva also plans to install two DCFC stations located along main transportation corridors, and two curbside chargers located in strategically selected neighborhoods.	\$1.7 million
<b>San Diego Gas &amp; Electric</b>	CA, A1801012	Pending	1/22/2018	Multi-party settlement submitted to California Public Utilities Commission in November 2018, which proposes to install charging equipment to support a minimum of 3,000 medium- and heavy-duty EVs.	\$ 107 million
<b>Atlantic City Electric</b>	NJ, EO18020190	Pending	2/23/2018	A five-year plug-in electric vehicle charging initiative that includes special rates for residential customers who charge off-peak; discounts on equipment and/or installation of smart Level 2 chargers for residential and commercial customers; installation and operation of DCFC and smart Level 2 charging stations throughout the state; and up to \$2 million in grants for innovative electric transportation projects.	\$15 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
<b>Southern California Edison</b>	CA, A1806015	Pending	6/24/2018	Four-year program offering to install, own, and operate make-ready infrastructure and, in some cases, charging stations across Southern California Edison's (SCE's) territory. Make-ready installations for 32,000 ports at multi-unit dwellings, destination centers, fleets and workplaces. Thirty-five percent of multi-unit dwelling installations will have the option for SCE to provide turnkey service and own the charging station. Provides \$3,500 in rebates for at least 16,000 ports for new construction multi-unit dwellings that go above code and install charging stations. Complementary education and outreach campaign focused on general market awareness, targeted education and customer support, and tools/services for commercial customers.	\$760 million
<b>Liberty Utilities</b>	CA, A1807025	Pending	7/30/2018	The two-year program proposes to install a mix of DCFC and Level 2 charging stations at 20 potential sites, which include 17 schools and three parks. The stations would be for public, fleet vehicles, and electric school buses, in addition to five dual pedestal charging stations at three parks.	\$4.7 million
<b>Pacific Gas &amp; Electric Company</b>	CA, A1807020	Pending	7/30/2018	Proposed EV Parks pilot includes 36 Level 2 ports and two DCFC ports across 10 different locations for fleet vehicles and park visitors. In addition, the EV Park pilot includes five locations with off-grid charging. For the EV Schools pilot, the company would install 90-130 Level 2 ports at approximately 22 campuses over two years. If a campus decides to own the chargers, a rebate will be provided.	\$11.3 million
<b>Pacific Gas &amp; Electric Company</b>	CA, A1807021	Pending	7/30/2018	Proposed low- to moderate-income EV charger installation incentive and education program (Empower EV) will provide point-of-sale incentives for Level 2 charging stations and cover costs of approximately 800 panel upgrades.	\$4.1 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
<b>San Diego Gas &amp; Electric</b>	CA, A1807023	Pending	7/30/2018	Proposes to install, own, and operate 120 Level 2 and 20 DCFC stations at 12 state parks and 10 city/county parks. Additionally, 184 Level 2 and 12 DCFC stations will be installed at 30 schools and educational institutions. The company's existing EV time-of-use rate will be utilized.	\$18.7 million
<b>Southern California Edison</b>	CA, A1807022	Pending	7/30/2018	Two two-year pilots to install, own, and operate charging stations at K-12 schools, state parks, and state beaches with a focus on disadvantaged communities. The company proposes to support 250 Level 1 or Level 2 ports at approximately 40 K-12 educational facilities; and support Level 2 and DCFC ports at approximately 27 state parks/beaches. Rebates of up to \$2,000 will be provided if the site owner chooses to own charging stations. Each pilot will have promotional and educational campaigns targeted at site users, advocates, and employees. School locations also will support grade-level-specific material; faculty education; and an EV economics program.	\$19.7 million
<b>Entergy New Orleans</b>	LA, 18-07	Pending	9/1/2018	Proposal includes: installation, ownership, and operation of non-residential EV charging stations in which participating customers would pay a fixed charge each month for use of the infrastructure; and installation, ownership, and operation of EV charging stations at public locations. Customers who charge at the public stations will not be charged for the first one to two years.	\$500,000
<b>Public Service Electric and Gas Company</b>	NJ, EO18101111	Pending	9/26/2018	The proposal includes supporting the deployment of nearly 40,000 EV charging stations for residential, mixed-use, and public DCFC stations through a combination of rebates, make-ready infrastructure, and an option for the company to own charging equipment. Funding also will be available for customized electrification projects for airports,	\$364 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
				ports, transit facilities, and school districts wanting to purchase electric school buses.	
<b>Duke Energy Carolinas</b>	SC, 2018-321-E	Pending	10/10/2018	The three-year pilot includes rebates and managed charging for up to 400 residential participants; financial support of \$265,000 each for 10 electric school buses and \$55,000 for 20 electric transit bus charging stations; and the installation and operation of 40 public DCFC stations.	\$9.8 million
<b>Duke Energy Progress</b>	SC, 2018-322-E	Pending	10/10/2018	Proposal includes: rebates up to \$55,000 to eligible transit agencies for the procurement of up to 10 electric bus charging stations, in exchange for access to data and managed charging capabilities; \$265,000 for eligible school districts for the procurement of up to five electric buses and associated vehicle-to-grid capable infrastructure; installation, ownership, and operation of 20 DCFC stations; and market education and outreach.	\$4.7 million
<b>Pacific Gas &amp; Electric Company</b>	CA, A1811003	Pending	11/5/2018	Proposed Commercial Electric Vehicle Rate would create a new rate class for commercial EV charging customers like workplaces, public fast charging, and medium- and heavy-duty fleets. The new rate aims to provide a more affordable and simple structure for EV charging with a new "subscription" charge, based on connected charging capacity, plus a time-of-use volumetric rate that encourages charging overnight and during mid-day hours.	\$0
<b>National Grid</b>	MA, 18-150	Pending	11/15/2018	Phase II of the Electric Vehicle Market Development Program supports the deployment of Level 2 charging stations at residences, public parking areas, entertainment venues, and DCFC stations along highways, at retail locations, and for public transit. National Grid also plans to offer an off-peak charging rebate to residential customers and	\$166.4 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
				a demand charge discount for customers with DCFC.	
<b>Maui Electric Company</b>	HI, 2018-0422	Pending	12/21/2018	Proposal to establish Schedule EV-MAUI, an electric vehicle service tariff, and to transition ownership and operation of 8 DCFC station locations to Maui Electric.	\$1.5 million
<b>Dayton Power &amp; Light Company</b>	OH, 18-1875-EL-GRD	Pending	12/21/2018	Over a three-year period, the company plans to install, own, and operate approximately 50 charging stations, which will be a mix of Level 2 and DCFC, throughout its service area. The charging stations will be located along the major interstate corridors, retail stores, airport parking areas, and movie theaters. In addition, the company will propose an intelligent charging rate for EV owners to encourage vehicle charging during off-peak hours.	\$7.2 million
<b>Consolidated Edison Company</b>	NY, 19-E-0065	Pending	1/31/2019	Proposes make ready for publicly accessible DCFC stations.	\$30 million
<b>Portland General Electric</b>	OR, UM-1811	Pending	2/15/2019	Proposals for a residential and business charging pilots. The residential EV pilot targets single-family homes and offers \$500 rebates (up to \$1,000 for income-qualified customers) for approximately 3,600 Level 2 charging stations over a three-year period. Participants will be enrolled automatically in a smart charging demand response program. Additionally, a \$100 incentive will be provided to EV dealers who refer qualified customers to the program. The business EV pilot aims to deploy 600 charging ports at 90 locations, including workplaces, multi-unit dwellings, destination, fleets, and transit. For most business customers (workplace, multi-family, destination, and fleet), the company proposes to install, own, and operate make-ready infrastructure up to the charger and provide a rebate for the charging equipment. For transit agencies, the company proposes to install,	\$37 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
				own, and operate all infrastructure including the chargers.	
<b>Xcel Energy</b>	MN, 16-115	Pending	2/19/2019	Charging Perks Pilot which is a residential smart charging pilot proposed as a modification to the Company's Conservation Improvement Program. The pilot will test various rebate levels and quarterly incentives to encourage customers to purchase an ENERGY STAR-certified, demand response capable Level 2 charging station. In exchange, the customer will allow the Company to test load shifting with the charger.	\$150,000 (for 2019)
<b>Xcel Energy</b>	MN, 19-186	Pending	2/22/2019	Residential EV Subscription Pilot that provides a monthly subscription fee for unlimited EV charging during off-peak hours and up to 34 kWh of on-peak charging. If the on-peak allotment is exceeded, the customer will be billed at the on-peak rate. Customers may choose their preferred charging equipment and pay for it either upfront or through a bundled customer charge. Customers also have the option to have 100% of EV charging electricity come from renewable resources.	\$0
<b>Duke Energy Carolinas &amp; Duke Energy Progress</b>	NC, E-2 Sub 1197 E-7 Sub 1195	Pending	3/29/2019	Components of the proposed pilot include: \$1,000 rebate for the installation of a Level 2 charging station available to approximately 800 qualifying residential customers of which the companies will have access to customer charging data and manage home charging during specified hours; install, own, and operate more than 800 Level 2 and DC Fast Charging stations in public locations including multi-family dwellings; and a \$2,500 rebate available up to 900 qualifying commercial and industrial customers who are transitioning their fleets to electric vehicles. In addition, the companies will financially support the procurement of 85 electric school buses of which DEC and DEP will install and own	\$76 million

Electric Company	State, Docket No.	Status	Filed Date	Description	Budget
				the charging stations, and have access to charging data, perform load management, and test bi-directional charging capabilities; and install and own more than 100 electric transit bus charging stations for transit agencies looking to electrify their buses.	
<b>CenterPoint Energy</b>	TX, 49421	Pending	4/5/2019	A request to modify its line extension policy by increasing the allowance, up to \$18,000, toward the cost of a facility extension to a public EV charging station which would not be covered by the standard allowance.	\$0
<b>Indiana Michigan Power Company</b>	IN, 45235	Pending	5/14/2019	Proposed "IM Plugged in Pilot Program" includes \$500 per port incentive, capped at 1,000 ports, for residential customers; \$250 per port incentive, capped at 800 ports, for multi-unit dwellings, fleet, and workplace charging stations; new EV-only tariffs for residential and commercial customers; and a customer education and outreach component.	\$2.1 million

Table 2. Summary of Approved EEI Member Company ET Filings

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>Hawaiian Electric Company</b>	HI, 2013-0000	Approved	10/26/2012, 07/01/2013	EV rate pilot for residential and commercial customers; and the installation of 25 DCFC and 80 Level 2 charging stations. In June 2017, extension of the project was approved under Docket No. 2016-0168.	\$2 million
<b>Puget Sound Energy</b>	WA, UE-131585	Approved	08/28/2013, 04/30/2014	Incentive of \$500 to residential customers who purchase an EV and install a charger at home with a program cap of 5,000 customers. The company is required to collect data and submit a plan to assess the impact of EVs on the energy grid. This program is no longer active.	\$2.5 million
<b>Madison Gas and Electric Company</b>	WI, 3270-UR-120	Approved	06/02/2014, 12/23/2014	Provides company-owned chargers to a limited number of residential customers who charge at home. In addition, a public charging rate, which provides a discount to participants who charge at the company's 26 public chargers in exchange for charging data, also was approved.	\$0
<b>Indianapolis Power &amp; Light Company</b>	IN, 44478	Approved	04/09/2014, 02/11/2015	Modification to line extension policy to upgrade distribution system and extend service to charging stations.	\$3.7 million
<b>Minnesota Power; Otter Tail Power Company; Xcel Energy</b>	MN, 15-111	Approved	01/30/2015, 06/22/2015	Approval of EV time-of-use tariffs.	\$0
<b>Southern California Edison</b>	CA, A1410014	Approved	07/09/2015, 01/25/2016	Install make-ready infrastructure for up to 1,500 Level 2 charging stations; provides rebates for charging stations at various levels including: 25 percent of costs for workplaces; 50 percent for multi-unit dwellings; and 100 percent for disadvantaged communities; and implement a market education program.	\$22 million
	Decision D1812006	Approved	03/05/2018, 12/13/2018	In addition to the \$22 million approved in A1410014, SCE received an additional \$22 million,	\$22 million*

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				to continue implementing its make-ready infrastructure installations until the Commission decides on SCE's pending make-ready expansion program ("Charge Ready 2").  *Note - The Commission approved SCE's \$22 million in bridge funding with the specification that the funds be subtracted from the yet-to-be-determined budget authorized in SCE's pending "Charge Ready 2" application A1806015.	
<b>San Diego Gas &amp; Electric</b>	CA, A1404014	Approved	04/11/2014, 01/28/2016	Three-year vehicle-to-grid integration pilot program to support the installation of up to 3,500 charging stations at 350 sites. At least 10 percent of the stations will be installed in disadvantaged communities.	\$45 million
<b>Louisville Gas &amp; Electric Co. and Kentucky Utilities Co.</b>	KY, 2015-00355	Approved	11/13/2015, 04/11/2016	Install up to 10 electric company-owned Level 2 charging stations in each service territory. The stations will charge an hourly rate pro-rated to the actual time spent plugged in. Non-residential customers may host chargers for a monthly fee in order to offset the expected amount of electricity to be used at the station.	\$500,000
<b>Pacific Gas &amp; Electric Company</b>	CA, A1502009	Approved	02/09/2015, 12/15/2016	Make-ready EV infrastructure to support 7,500 charging ports in multi-unit dwellings, disadvantaged communities and workplaces; ownership of 35 percent of EV infrastructure in multi-unit dwellings; and provide rebates for charging stations and infrastructure to cover 25 percent of costs for workplaces, 50 percent of costs multi-unit dwellings, and 100 percent of costs in disadvantaged communities.	\$130 million
<b>Consolidated Edison Company</b>	NY, 16-E-0060-263	Approved	01/29/2016, 01/25/2017	Establishes a new residential EV time-of-use tariff and provides incentives to customers who charge during off-peak periods. An expansion of already-existing light-duty time-of-use tariff to incentivize off-peak charging for medium- and	\$6 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				heavy-duty vehicles was approved later in September 2018.	
<b>Tampa Electric Company</b>	FL, 20170015	Approved	01/10/2017, 05/24/2017	Developed a curriculum to educate high school students about the operation, maintenance, and ownership of EVs. The curriculum includes: proper driving skills to maximize the efficiency of driving an EV; different types of charging technologies; and information about how electric rates are set and when charging is the least expensive.	\$440,000
<b>Rocky Mountain Power</b>	UT, 16-035-36 (Phase 3)	Approved	09/12/2016, 06/28/2017	Five-year pilot includes incentives of up to \$7,000 for multi-port Level 2 charging stations and \$63,000 for multi-port DCFC stations to be deployed at non-residential and multi-unit dwellings; custom grant-based projects for non-residential and multi-unit dwellings; time-of-use pilot and a load research study; and a customer outreach and education campaign.	\$10 million
<b>Madison Gas and Electric Company</b>	WI, 3270-TE-2017	Approved	08/01/2017, 08/24/2017	Expansion of already existing EV pilot from 30 to 100 participants, which provides a company-owned charger to residential customers.	\$0
<b>Alaska Electric Light and Power Company</b>	AK, U-17-002	Approved	11/28/2016, 10/04/2017	Rate that incentivizes off-peaking charging with the option for residential and small commercial customers to rent electric vehicle infrastructure from the company for \$121.56 per year.	\$0
<b>Duke Energy</b>	FL, 20170183-EI	Approved	08/29/2017, 11/20/2017	Five-year program to purchase, install, own and support 530 charging ports with a minimum of 10 percent installed in disadvantaged communities.	\$8 million
<b>Eversource</b>	MA, 17-05	Approved	01/17/2017, 11/30/2017	Install and own make-ready infrastructure for nearly 4,000 Level 2 charging stations at long-dwell locations and 72 DCFC stations at travel locations.	\$45 million
<b>San Diego Gas &amp; Electric</b>	CA, A1701020	Approved	01/20/2017, 01/11/2018	Authority for implementation of six Priority Review Projects. These projects include: Port Electrification Project; Airport Ground Support Equipment Project; Electrify Local Highway Project; Fleet Delivery Project; Green Shuttle Project;	\$18.6 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				Green Shuttle Project; and Dealership Incentive Project.	
<b>Avista Utilities</b>	WA, UE-160082	Approved	02/14/2017, 02/08/2018	Rate-based installation of EV chargers, owned and operated by the electric company on a customer's side of the meter. Timeframe and scope of the project extended through June 2019. Installation and management of 475 Level 2 ports at 240 homes, 175 workplace, fleet, multi-unit dwellings, and 60 public locations, plus seven DCFC station sites. Other components include: non-time-of-use demand response experimentation; education and outreach; auto dealer incentives; and community/low-income focus. Premise wiring reimbursement of 50 percent up to \$1,000 for residential customers and \$2,000 for non-residential customers.	\$3.1 million
<b>Portland General Electric</b>	OR, UM-1811	Approved	12/27/2016, 02/16/2018	Install and own six electric bus charging stations to support an electric bus route; and install and own six "Electric Avenue" charging stations comprised of up to four DCFC and one Level 2 charging stations.	\$4.3 million
<b>Pacific Power</b>	OR, UM-1810	Approved	12/27/2016, 02/27/2018	The pilot program includes communicating with customers through advertising and newsletters; development of self-service resources that will allow customers to locate tailored information about EVs easily; coordinating and promoting community events including ride-and-drives; and providing technical assistance to non-residential customers interested in installing EV charging infrastructure by performing on-site charging feasibility assessments. Throughout the duration of the pilot, Pacific Power will collect and analyze program data and metrics to help inform future programs.	\$4.6 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>National Grid</b>	NY, 17-E-0238	Approved	04/28/2017, 03/15/2018	Approved plan includes: 280 Level 2 ports and 16 DCFC ports at various locations; an education program; capital upgrades to accommodate future EV charging stations at commercial customer sites; and incentives to encourage installation of charging stations.	\$5 million
<b>Consolidated Edison Company</b>	NY, 17-E-0814	Approved	12/28/2017, 04/24/2018	A business incentive rate for publicly accessible DCFC stations that reduce energy delivery costs between 34 percent and 39 percent.	\$0
<b>AEP Ohio</b>	OH, 16-1852-EL-SSO	Approved	11/23/2016, 04/25/2018	EV charging rebate program allows the company to offset equipment and installation costs for up to 300 Level 2 charging stations at public locations, workplaces, and multi-unit dwellings, and 75 DCFC stations at public locations. The program is funded through a new "Smart City Rider."	\$10 million
<b>Xcel Energy</b>	MN, 17-817	Approved	11/17/2017, 05/09/2018	Approval for a two-year pilot program to test wireless-capable electric vehicle supply equipment (EVSE) and address upfront cost barriers. Xcel will purchase and install the equipment for up to 100 program participants who will have the option to pay for the EVSE over time through a fixed monthly charge. To encourage auto dealers to promote the pilot program, Xcel Energy is providing a \$100 payment to auto dealers for each customer who participates in the pilot.	\$0
<b>Pacific Gas &amp; Electric Company</b>	CA, A1701022	Approved	01/20/2017, 05/31/2018	The EV Fast Charge program will install make-ready infrastructure for approximately 234 DCFC stations at 52 publicly accessible sites with at least 25 percent of the sites located in disadvantaged communities. In addition, disadvantaged community sites are eligible for a \$25,000 rebate. The EV Fleets program will support make-ready infrastructure at a minimum of 700 sites, supporting the electrification of at least 6,500 medium- and heavy-duty fleet	\$269 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				vehicles. A minimum of 15 percent of the budget must serve transit agencies, while a maximum of 10 percent of the budget may serve forklifts. Fleet electrification sites located in disadvantaged communities (min. 25 percent) or those that support public transit/school buses are eligible to have up to 50 percent of charging station costs covered.	
<b>Southern California Edison</b>	CA, A1701021	Approved	01/20/2017, 05/31/2018	Make-ready installations for a minimum of 870 sites to support electrification of at least 8,490 medium- and heavy-duty fleet vehicles. A minimum of 15 percent of the budget must serve transit agencies, 25 percent of the budget may go toward vehicles operating at ports and warehouses, and a maximum of 10 percent to serve forklifts. Sites located in disadvantaged communities or those that support public transit/school buses are eligible to have up to 50 percent of costs covered.	\$356 million
<b>National Grid</b>	RI, 4780	Approved	11/28/2017, 06/06/2018	The three-year pilot includes: an off-peak charging rebate; make-ready infrastructure with the goal of deploying 320 Level 2 ports at 38 sites and 46 DCFC ports at 12 sites; a demand charge discount to DCFC accounts; and fleet advisory services for 12 fleet operators in the state with 25 percent of funds allotted for government and public transit customers.	\$9 million
<b>Consolidated Edison Company</b>	NY, 14-M-0101	Approved	06/08/2018, 06/20/2018	Electric school bus pilot with White Plains school district. Five buses will be used by the district during the school year. During the summer months, ConEdison will charge the batteries at times when demand is low and discharge the batteries during high demand times.	\$1.1 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>NV Energy</b>	NV, 18-02002	Approved	02/01/2018, 06/27/2018	The Electric Vehicle Infrastructure Demonstration (EVID) program includes: incentives for a custom EV grant program; EV charging at multi-family dwellings, workplaces, and fleets; and incentives for Level 2 and DCFC stations in support of the Nevada Electric Highway initiative.	\$15 million
<b>National Grid</b>	MA, 17-13	Approved	01/20/2017, 09/10/2018	The three-year program will provide customers with incentives to install up to 1,200 Level 2 charging ports and 80 DCFC ports at public locations, workplaces, and multi-family dwellings. In addition, incentives will be provided to EV charging site hosts.	\$21 million
<b>Liberty Utilities</b>	CA, A1706033	Approved	06/30/2017, 09/27/2018	Supports the installation of up to nine DCFC stations around the Lake Tahoe region; provides rebates of \$1,500 to the first 1,000 residential customers and \$2,500 to 100 small business customers who install charging stations; customer education and outreach includes a focus group of small businesses to gather information on financial, business-related and implementation barriers; and supports the Tahoe Transportation District's procurement of EV buses within the next three- to four-years by fully covering the costs to install, operate, and maintain two charging stations.	\$6.6 million
<b>Pacific Power</b>	CA, A1706031	Approved	06/30/2017, 10/05/2018	The pilot program includes communicating with customers through advertising and newsletters; development of self-service resources that will allow customers to locate tailored information about EVs easily; coordinating and promoting community events including ride-and-drives; and providing technical assistance to non-residential customers interested in installing EV charging infrastructure by performing on-site charging feasibility assessments. Throughout the duration of the	\$440,000

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				pilot, Pacific Power will collect and analyze program data and metrics to help inform future programs.	
<b>Pacific Power</b>	WA, UE-180757	Approved	09/06/2018, 10/11/2018	The pilot program includes communicating with customers through advertising and newsletters; development of self-service resources that will allow customers to locate tailored information about EVs easily; coordinating and promoting community events including ride-and-drives; and providing technical assistance to non-residential customers interested in installing EV charging infrastructure by performing on-site charging feasibility assessments. Throughout the duration of the pilot, Pacific Power will collect and analyze program data and metrics to help inform future programs.	\$1.6 million
<b>Kansas City Power &amp; Light</b>	MO, ER-2018-0145	Approved	01/30/2018, 10/31/2018	Allows for rate-base treatment of previously installed charging stations; however, the company agrees not to expand the network without further approval. Establishes a new customer class for EV charging stations.	\$3.5 million
<b>Kansas City Power &amp; Light Greater Missouri Operations</b>	MO, ER-2018-0146	Approved	01/30/2018, 10/31/2018	Allows for rate-base treatment of previously installed charging stations; however, the company agrees not to expand the network without further approval. Establishes a new customer class for EV charging stations.	\$2.6 million
<b>Indiana Michigan Power Company</b>	MI, U-20282	Approved	08/09/2018, 11/08/2018	Revised residential EV rate, "Tariff RS-PEV," allows EV electricity usage to be charged at a time-of-use rate. A customer's full residential usage is billed at the standard residential rate. The EV meter data will be used to increase or decrease the customer's bill based on the on-peak/off-peak price differentials specific to the EV usage.	\$0

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>Kansas City Power &amp; Light</b>	KS, 18-KCPE-480-RTS	Approved	05/01/2018, 12/13/2018	New tariff establishes a flat rate of \$0.20/kWh for Level 2 and \$0.25/kWh for Level 3 charging stations with a maximum of 350 charging stations eligible to participate. Inclusion or exclusion of infrastructure investment in rate base was not specified, except for the Tariff rate.	\$5.6 million
<b>Puget Sound Energy</b>	WA, UE-180877	Approved	10/26/2018, 12/13/2018	Approved pilot includes: education and outreach; installation and ownership of 225 Level 2 charging stations in workplaces and multi-unit dwellings; four DCFC and two Level 2 charging stations in public locations; and development of electric mobility program for disadvantage communities. The pilot also contains a five-year residential charging component where the company will install and own 500 Level 2 charging stations with the intention of identifying methods to encourage off-peak charging.	\$13 million
<b>Duquesne Light Company</b>	PA, R-2018-3000124	Approved	03/28/2018, 12/20/2018	Approval of make-ready infrastructure for Level 2 public charging stations and ownership of DCFC stations solely used for company-owned vehicles and for the Port Authority of Allegheny County electric bus evaluation. The remaining funds will be used to provide rebates to customers who install Level 2 charger stations. Additional program components include a \$60 credit (with a \$70,000 annual max) to customers who register their EVs with Duquesne.	\$1.5 million
<b>Madison Gas and Electric Company</b>	WI, 3270-UR-122	Approved	07/17/2018, 12/20/2018	Low load factor rate provision revision that will reduce on-peak demand charges by 50 percent for qualifying customers.	\$0
<b>PECO Energy Company</b>	PA, R-2018-3000164	Approved	03/29/2018, 12/20/2018	The five-year EV DCFC Pilot Rider (EV-FC) will be effective July 1, 2019, and available to eligible commercial and industrial customers that own at least one publicly available DCFC station. The pilot will provide a demand	\$0

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				credit to a customer's billed distribution demand, which will be equal to 50 percent of the combined maximum nameplate capacity rating for all DCFCs connected to the service. Eligible customers will receive the credit for up to 36 months or until the pilot ends, whichever comes first.	
<b>Consumers Energy</b>	MI, U-20134	Approved	05/01/2018, 01/09/2019	The approved three-year PowerMIDrive pilot program includes: a \$500 rebate for customers who purchase an eligible charger and enroll in the Nighttime Savers Rate; \$5,000 rebates for the installation of approximately 200 Level 2 charging stations at multi-unit dwellings, workplaces, and other publicly accessible chargers; and up to \$70,000 in rebates for the installation of 24 DCFC stations. A separate order was issued approving regulatory asset treatment of the pilot program costs.	\$10 million
<b>Baltimore Gas &amp; Electric Delmarva Power Potomac Edison Pepco</b>	MD, 9478	Approved	01/19/2018, 01/14/2019	In response to PC 44, the five-year modified pilot program includes: a \$300 rebate to residential customers who install Level 2 charging stations; installation of 5,000 charging stations at various locations including, public spaces, multi-unit dwellings, and workplaces; and the development of a residential EV-only time-of-use rate. In addition, up to 5 percent of program costs can be allocated to education and outreach.	Appr. \$30 million
<b>Ameren Missouri</b>	MO, ET-2018-0132	Approved	02/22/2018, 02/06/2019	Approval of only the Corridor Charging Sub-Program, part of the Charge Ahead-Electric Vehicles program, which, through an RFP process will provide incentives up to \$360,000 per site for development and long-term ownership and operation DCFC stations at approximately 11 pre-determined locations along major highway corridors in Ameren Missouri territory.	\$4.4 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>Tucson Electric Power</b>	AZ, E-01933A-17-0250	Approved	12/22/2017, 02/06/2019	Smart City EV Buildout pilot includes: investment in charging infrastructure at workplaces, multi-unit dwellings, neighborhoods, and educational campuses; support the electrification of commercial fleets; \$500 rebate to residential customers who install EV chargers up to 50 percent of total costs; \$100 incentive to home builders who pre-wire new homes for EV infrastructure; and a new residential EV tariff. The company also requested approval to engage in the Regional Electric Vehicle Plan, which supports development of EV infrastructure along highways.	\$2.2 million
<b>Central Hudson Gas &amp; Electric Corporation</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for up to 100 publicly available DCFCs. The starting incentive proposed would be \$11,000 per plug for plugs rated at 75 kW or greater, regardless of the year of participation, and would decline ratably over a maximum payment period of five years.	\$4.4 million
<b>Consolidated Edison Company</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for DCFC stations to address initial operating expense challenges. For customers who receive Fast Charging business incentive rate.	\$6.4 million
<b>National Grid</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for up to 300 publicly available DCFC stations. Will conduct a study to determine the magnitude of any necessary system upgrades after an application is received. The starting incentive would be \$7,500 per plug for plugs with simultaneous charging capability rated at 75 kW or greater and would decline consistently each year. Funding for the program is coming from NYSERDA's System Benefits Charge, which already has been collected.	\$9 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>New York State Electric &amp; Gas</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for up to 160 publicly available DCFC stations. The purpose of the incentive payment is to support the deployment of DCFC stations while utilization is relatively low by offsetting electric delivery cost. The starting incentive would be \$8,000 per plug for plugs rated at 75 kW or greater and would decline ratably over a maximum payment period of seven years.	\$5.1 million
<b>Orange &amp; Rockland Utilities</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for up to 40 publicly available DCFC stations. The starting incentive would be \$11,000 per plug for plugs rated at 75 kW or greater, regardless of the year of participation, and would decline ratably over a maximum payment period of seven years.	\$1.7 million
<b>Rochester Gas and Electric</b>	NY, 18-E-0138	Approved	11/21/2018, 02/07/2019	A per plug incentive for up to 74 publicly available DCFC stations. The purpose of the incentive payment is to support the deployment of DCFC stations while utilization is relatively low by offsetting electric delivery cost. The starting incentive would be \$17,000 per plug for plugs rated at 75 kW or greater and would decline ratably each year.	\$5 million
<b>Metropolitan Edison Company</b>	PA, R-2019-3007069	Approved	01/11/2019, 02/28/2019	Adds language to tariff supplements regarding the following: the sale of electricity from a third party-owned EV charging station is not considered a sale for resale; the definition of an EV and an EV charging station; types of EVs permitted; and EV charging station policies related to construction and installation.	\$0
<b>Pennsylvania Electric Company</b>	PA, R-2019-3007070	Approved	01/11/2019, 02/28/2019	Adds language to tariff supplements regarding the following: the sale of electricity from a third party-owned EV charging station is not considered a sale for resale; defines an EV and an EV charging station; and EV charging station policies related to construction and installation.	\$0

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
<b>Pennsylvania Power Company</b>	PA, R-2019-3007071	Approved	01/11/2019, 02/28/2019	Adds language to tariff supplements regarding the following: the sale of electricity from a third party-owned EV charging station is not considered a sale for resale; defines an EV and an EV charging station; and EV charging station policies related to construction and installation.	\$0
<b>West Penn Power Company</b>	PA, R-2019-3007072	Approved	01/11/2019, 02/28/2019	Adds language to tariff supplements regarding the following: the sale of electricity from a third party-owned EV charging station is not considered a sale for resale; defines an EV and an EV charging station; and EV charging station policies related to construction and installation.	\$0
<b>Hawaiian Electric Company</b>	HI, Transmittal No 18-06	Approved	12/18/2018, 03/20/2019	Proposal to establish a five-year pilot electric bus tariff based on commercial time-of-use rates to support the adoption of electric buses into commercial and public transit fleets.	\$0
<b>Xcel Energy</b>	MN, 18-643	Approved	10/12/2018, 04/11/2019	Multi-element electric transportation pilot program, which includes an EV fleet service pilot and public charging pilots. The fleet pilot will provide advisory services and make-ready infrastructure to support its customers, including Metro Transit in its procurement of eight 60-foot electric buses and the Minnesota Department of Administration and the City of Minneapolis in their goals to electrify their fleets through the deployment of 290 ports. The public charging pilots will include a corridor pilot providing make-ready infrastructure for DC Fast Charging stations and a community infrastructure pilot, where Xcel will partner with Saint Paul and Minneapolis to build a network of community mobility hubs that will help expand a non-profit car sharing service that is intended to increase access to EVs and	\$23.6 million

Electric Company	State, Docket No.	Status	Filed Date, Decided Date	Description	Budget
				mobility services for low-income customers.	
<b>Pepco</b>	DC, FC1130/FC1155	Approved	09/07/2018, 04/12/2019	Deployment of make-ready infrastructure for 55 Level 2 and DC Fast Charging (DCFC) public stations; 12 Level 2 and DCFC charging stations to support taxis and rideshare services; and six charging stations to support electric buses. Additionally, a residential whole-house time-of-use rate was approved.	\$4.8 million
<b>DTE Energy Company</b>	MI, U-20162	Approved	07/06/2018, 05/02/2019	Three-year Charging Forward pilot to provide \$500 rebates to approximately 2,800 residential customers; make-ready infrastructure to support the deployment of DCFC stations with a rebate of \$20,000 per charger and for Level 2 charging stations at workplaces and multi-family dwellings with a rebate of \$2,500 per port; and make-ready infrastructure to support fleets including delivery, public transit, school buses, and shared mobility. Also includes a customer education and awareness component.	\$13.1 million