




# Electric & Hybrid Electric Vehicles on MA Statewide Contract

## Benefits of Electric & Hybrid Electric Vehicles

Electric and hybrid electric vehicles play a critical role in reducing the environmental impacts of the state fleet and supporting Executive Order 594 and Massachusetts decarbonization goals. In addition, these technologies can reduce maintenance and fuels costs, helping to reduce the lifetime ownership costs of the vehicles.

Three types of vehicle technologies are highlighted in this guide, all of which use some form of battery power, and each contributes to higher fuel efficiency and lower emissions:

Zero emission vehicles (ZEVs)*		<b>Battery Electric Vehicles (BEVs)</b>	BEVs are fully electric vehicles that rely solely on an onboard battery for power and do not have an internal combustion engine, fuel tank or exhaust. Models have typical driving ranges from 125 to 300 miles although some models can add battery capacity to increase range and newer models are emerging with ranges up to 400 miles.
		<b>Plug-in Hybrid Vehicles (PHEVs)</b>	PHEVs have a smaller onboard battery than BEVs, as well as an internal combustion engine. To support a driver's typical daily travel needs, most PHEVs can travel between 20 and 40 miles on electricity alone and when the battery has been depleted, the gasoline engine turns on and the vehicle operates as a hybrid electric vehicle instead.
		<b>Hybrid Electric Vehicles (HEVs)</b>	HEVs are powered by an internal combustion engine combined with a small electric onboard battery. Under light load, only electricity is consumed. The vehicle is fueled primarily with gasoline to operate the internal combustion engine, and the battery is charged through regenerative braking, not by plugging in.
*ZEVs also include fuel-cell electric vehicles, which run on compressed liquid hydrogen.			

## Finding Vehicles on MA Statewide Contracts

There are various Massachusetts Statewide Contracts that allow eligible public entities to work with vendors to procure vehicles and related equipment. See the list of applicable contracts below for a primer; additional information can be found using the links to the respective contract user guides.

- [VEH110: Light and Medium Duty Vehicles](#) – Provides users a wide variety of base model choices, as well as a broad range of vehicle applications through upfitting, for vehicles up to 26,000 pounds GVWR; electric and hybrid models are offered in various categories.
- [VEH111: Heavy Duty Vehicles, Road Maintenance and Construction Equipment](#) – Offers users a wide variety of fleet assets over 26,000 pounds GVWR, plus parts and service; alternative fuel assets are available in various categories and contract users should reach out to vendors for details about these offerings.
- [VEH102: Advanced Vehicle Technology Equipment, Supplies and Services](#) – For the purchase of alternative transportation equipment including EV charging stations, idle reduction technologies, and vehicle electrification upfitting; category 3 offers electric and hybrid electric vehicle conversion technologies.
- [FAC116: Lawn and Grounds Equipment, Parts and Services](#) -- For equipment that is intended for the maintenance and care of lawns and grounds areas as well as the parts, repair, and leasing for this equipment. Category 3 includes a variety of electric utility vehicles (EUVs) available from various vendors.

The following pages provide information on electric/hybrid electric models available through the statewide contracts listed above, as well as newly released models that may be available on contract soon. Assets are organized by technology type and vehicle category.

## Sedan

cuV/suv

# Pickup Truck

## Passenger Van/Bus

# Battery-Electric Vehicles

## Cargo Van



**FORD  
E-TRANSIT**

**Size:**  
Small/Mid/Full

**Range:**  
126

**MPGe:**  
TBD

**Drivetrain:**  
RWD

**Base Price:**  
\$45,459

**SWC:**  
VEH110

**Vendor(s):** National Van Builders



**LIGHTNING  
ELECTRIC  
TRANSIT 350**

**Size:**  
Class 3

**Range:**  
140-170

**MPGe:**  
TBD

**Drivetrain:**  
RWD

**Base Price:**  
\$98,890-  
\$109,890

**SWC:**  
VEH102  
(Cat 2)

**Vendor(s):** National Van Builders



**LIGHTNING  
ELECTRIC  
E-450  
BOX TRUCK**

**Size:**  
Class 4

**Range:**  
130-160

**MPGe:**  
TBD

**Drivetrain:**  
RWD

**Base Price:**  
\$108,790-  
\$131,890

**SWC:**  
VEH102  
(Cat 2)

**Vendor(s):** National Van Builders



**LIGHTNING  
ELECTRIC F59  
STEP VAN**

**Size:**  
Class 5 & 6

**Range:**  
80-110

**MPGe:**  
TBD

**Drivetrain:**  
RWD

**Base Price:**  
\$131,890-  
\$148,390

**SWC:**  
VEH102  
(Cat 2)

**Vendor(s):** National Van Builders



**LIGHTNING  
ELECTRIC  
LOW CAB  
FORWARD**

**Size:**  
Class 6

**Range:**  
88-130

**MPGe:**  
TBD

**Drivetrain:**  
RWD

**Base Price:**  
\$178,090-  
\$198,890

**SWC:**  
VEH102  
(Cat 2)

**Vendor(s):** National Van Builders



**CUSHMAN  
HAULER**

**Size:**  
2 person

**Range:**  
N/A

**MPGe:**  
N/A

**Drivetrain:**  
Electric

**Base Price:**  
Request from  
vendor

**SWC:**  
FAC116  
(Cat 3)

**Vendor(s):** Five Star Golf Cars



**CUSHMAN  
SHUTTLE**

**Size:**  
2-8 person

**Range:**  
N/A

**MPGe:**  
N/A

**Drivetrain:**  
Electric

**Base Price:**  
Request from  
vendor

**SWC:**  
FAC116  
(Cat 3)

**Vendor(s):** Five Star Golf Cars



**YAMAHA  
UMAX**

**Size:**  
2 person

**Range:**  
N/A

**MPGe:**  
N/A

**Drivetrain:**  
Electric

**Base Price:**  
Request from  
vendor

**SWC:**  
FAC116  
(Cat 3)

**Vendor(s):** New England Golf Cars



**GREENWORKS  
UTV**

**Size:**  
2 person

**Range:**  
N/A

**MPGe:**  
N/A

**Drivetrain:**  
Electric

**Base Price:**  
Request from  
vendor

**SWC:**  
FAC116  
(Cat 3)

**Vendor(s):** The Boston Lawnmower Company



**POLARIS  
GEM**

**Size:**  
4-8 person

**Range:**  
10-90

**MPGe:**  
N/A

**Drivetrain:**  
Electric

**Base Price:**  
Request from  
vendor

**SWC:**  
FAC116  
(Cat 3)

**Vendor(s):** Country Club

## Neighborhood/Utility

# Plug-in Hybrid Electric Vehicles



## Sedan



**HONDA CLARITY**

**Size:** Compact/Small **Range:** 47/340 **MPGe:** 67 **Drivetrain:** FWD **Base Price:** \$33,044 **SWC:** VEH110

**Vendor(s):** Colonial Imports South



**HONDA INSIGHT**

**Size:** Compact/Small **Range:** 89/ **MPGe:** 52 **Drivetrain:** FWD **Base Price:** \$26,584 **SWC:** VEH110

**Vendor(s):** Colonial Imports South



**HYUNDAI IONIQ PLUG-IN**

**Size:** Compact/Small **Range:** 29/620 **MPGe:** 67 **Drivetrain:** FWD **Base Price:** \$27,792 **SWC:** VEH110

**Vendor(s):** MAG Retail Holdings



**TOYOTA PRIUS PRIME**

**Size:** Compact/Small **Range:** 25/640 **MPGe:** 54 **Drivetrain:** FWD **Base Price:** \$25,422 **SWC:** VEH110

**Vendor(s):** Colonial Imports Corp

## CUV/SUV



**FORD ESCAPE PHEV**

**Size:** Crossover/Small **Range:** 37/520 **MPGe:** 40 **Drivetrain:** FWD **Base Price:** \$29,785 **SWC:** VEH110

**Vendor(s):** Marcotte Ford



**HONDA CR-V PHEV**

**Size:** Crossover/Small **Range:** 53 **MPGe:** 38 **Drivetrain:** FWD/AWD **Base Price:** \$31,560 **SWC:** VEH110

**Vendor(s):** Colonial Imports South



**HYUNDAI SANTE FE**

**Size:** Mid-size **Range:** 31/440 **MPGe:** 33 **Drivetrain:** FWD/AWD **Base Price:** \$40,432 **SWC:** VEH110

**Vendor(s):** Vendor(s): MAG Retail Holdings



**HYUNDAI TUCSON**

**Size:** Crossover/Small **Range:** 33/420 **MPGe:** 35 **Drivetrain:** FWD/AWD **Base Price:** \$35,992 **SWC:** VEH110

**Vendor(s):** Vendor(s): MAG Retail Holdings



**TOYOTA RAV-4 PRIME**

**Size:** Mid-size **Range:** 42/600 **MPGe:** 38 **Drivetrain:** FWD **Base Price:** \$38,562 **SWC:** VEH110

**Vendor(s):** Colonial Imports Corp

## Minivan



**CHRYSLER PACIFICA**

**Size:** Minivan **Range:** 32/520 **MPGe:** 30 **Drivetrain:** FWD **Base Price:** \$42,052 **SWC:** VEH110

**Vendor(s):** Colonial South Automotive, MAG Retail Holdings

## Pickup Truck



**XL FLEET F150 PHEV**

**Size:** Small/Full **Range:** N/A **MPGe:** 54 **Drivetrain:** FWD **Base Price:** See pricing **SWC:** VEH102

**Vendor(s):** XL Fleet

# Hybrid Electric Vehicles



Sedan		<b>TOYOTA PRIUS</b>	<b>Size:</b> Compact/Small	<b>MPG:</b> 56/49	<b>Drivetrain:</b> FWD/AWD	<b>Base Price:</b> \$22,502	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>TOYOTA COROLLA</b>	<b>Size:</b> Compact/Small	<b>MPG:</b> 52	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$21,882	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>HONDA ACCORD</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 48	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$28,011	<b>Vendor:</b>	<b>SWC:</b> VEH110
		<b>TOYOTA AVALON</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 43/44	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$32,322	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>TOYOTA CAMRY</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 46/52	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$24,882	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>HYUNDAI ELANTRA</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 50/54	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$24,722	<b>Vendor:</b> MAG Retail Holdings	<b>SWC:</b> VEH110
		<b>HYUNDAI SONATA</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 47/52	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$27,922	<b>Vendor:</b> MAG Retail Holdings	<b>SWC:</b> VEH110
CUV/SUV		<b>FORD ESCAPE</b>	<b>Size:</b> Crossover/Small	<b>MPG:</b> 41	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$25,748	<b>Vendor:</b> Marcotte Ford	<b>SWC:</b> VEH110
		<b>FORD EXPLORER</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 25/27	<b>Drivetrain:</b> RWD/AWD	<b>Base Price:</b> \$36,600	<b>Vendor:</b> Colonial Ford, Marcotte Ford	<b>SWC:</b> VEH110
		<b>HYUNDAI SANTE FE</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 32/34	<b>Drivetrain:</b> FWD/AWD	<b>Base Price:</b> \$34,912	<b>Vendor:</b> MAG Retail Holdings	<b>SWC:</b> VEH110
		<b>HYUNDAI TUCSON</b>	<b>Size:</b> Crossover/Small	<b>MPG:</b> 38	<b>Drivetrain:</b> FWD/AWD	<b>Base Price:</b> \$30,182	<b>Vendor:</b> MAG Retail Holdings	<b>SWC:</b> VEH110
		<b>TOYOTA HIGHLANDER</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 35	<b>Drivetrain:</b> FWD/AWD	<b>Base Price:</b> \$36,122	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>TOYOTA RAV-4</b>	<b>Size:</b> Crossover/Small	<b>MPG:</b> 40	<b>Drivetrain:</b> AWD	<b>Base Price:</b> \$28,542	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
		<b>TOYOTA VENZA</b>	<b>Size:</b> Mid/Full-Size	<b>MPG:</b> 39	<b>Drivetrain:</b> AWD	<b>Base Price:</b> \$31,922	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
Minivan		<b>TOYOTA SIENNA</b>	<b>Size:</b> Minivan	<b>MPG:</b> 36	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$31,562	<b>Vendor:</b> Colonial Imports Corp	<b>SWC:</b> VEH110
Pickup Truck		<b>FORD MAVERICK</b>	<b>Size:</b> Compact/Small	<b>MPG:</b> 37	<b>Drivetrain:</b> FWD	<b>Base Price:</b> \$19,441	<b>Vendor:</b> Colonial Ford, Marcotte Ford	<b>SWC:</b> VEH110
		<b>XL FLEET F150 HYBRID</b>	<b>Size:</b> Small/Full	<b>MPG:</b> N/A	<b>Drivetrain:</b> FWD	<b>Base Price:</b> See pricing	<b>Vendor:</b> XL Fleet	<b>SWC:</b> VEH102