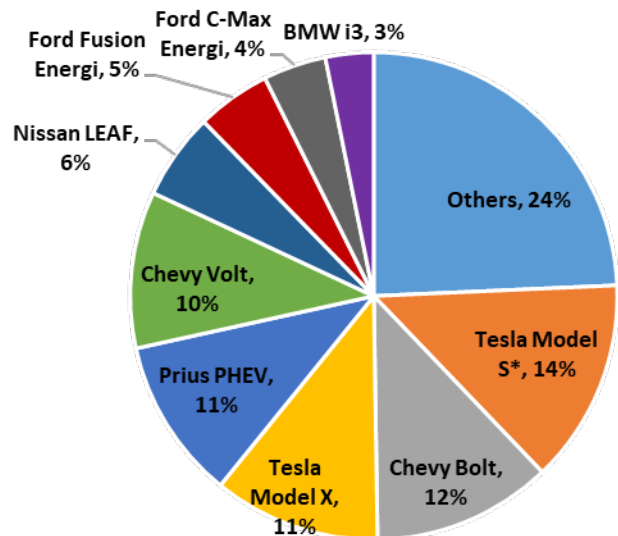


# Alabama EV Fact Sheet

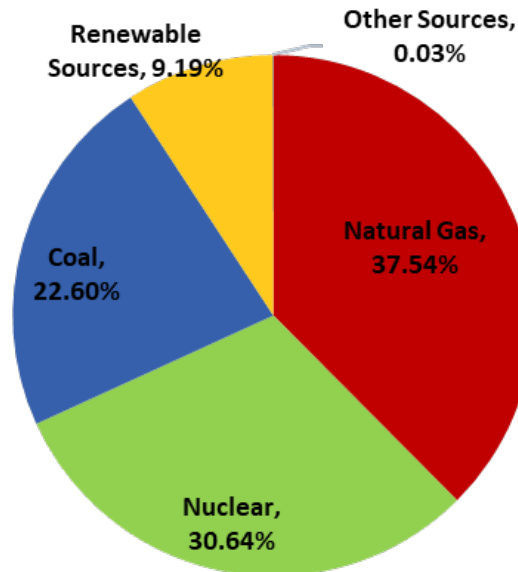
# Alabama EV Fact Sheet

# Alabama EV Fact Sheet

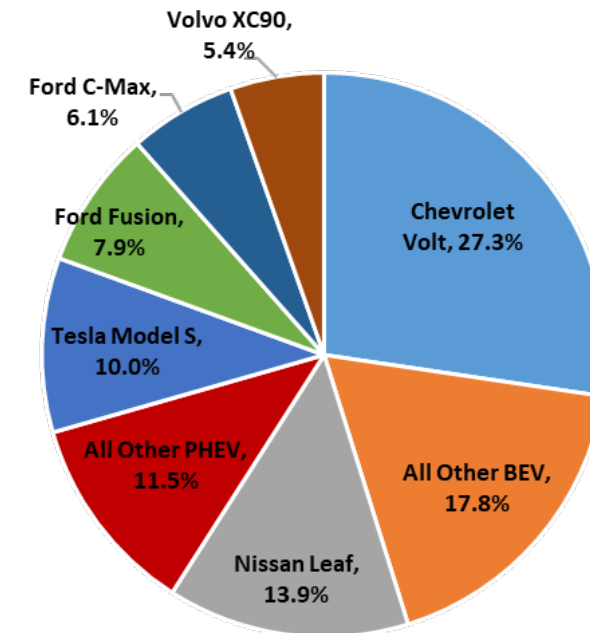
2017 National Sales of Leading BEVs and PHEVs



2018 AL ELECTRICITY GENERATION SOURCE



Alabama Leading PEV 2016 Registrations



Avg. Price for Gallon of Gasoline in AL: <b>\$2.57</b>	Avg. Price of Electric Equivalent Gallon in AL: <b>\$1.14</b>
---	--

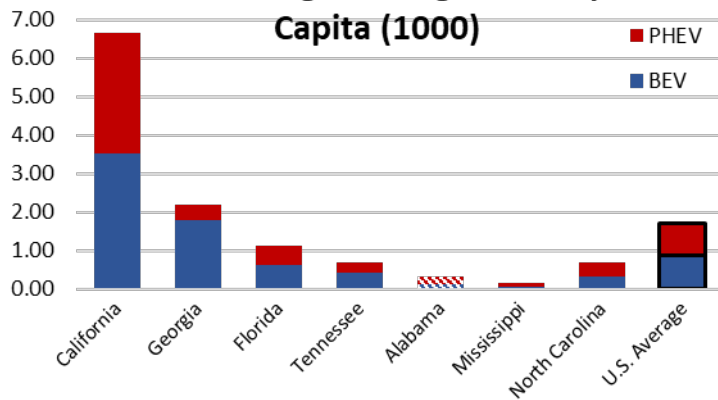
\*Renewables (Wind, Solar, Biomass, and Hydro) make up 9.19% of Alabama's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

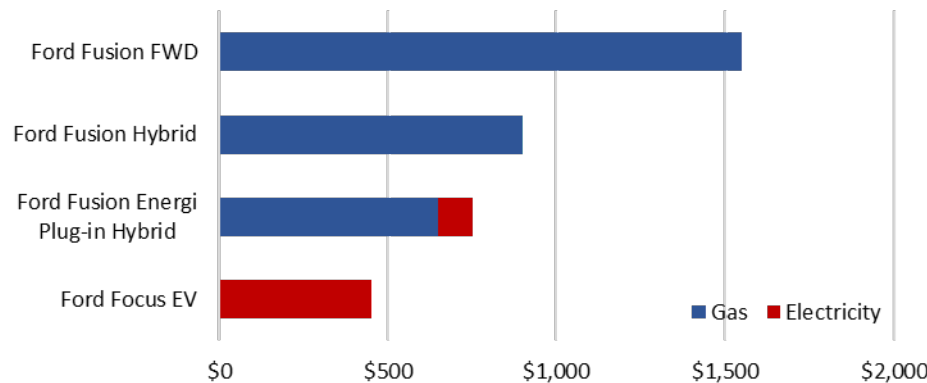
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



Annual Fuel Cost\*



AL Share Of Total U.S. PEV

**0.28%**

**Reference:**

Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

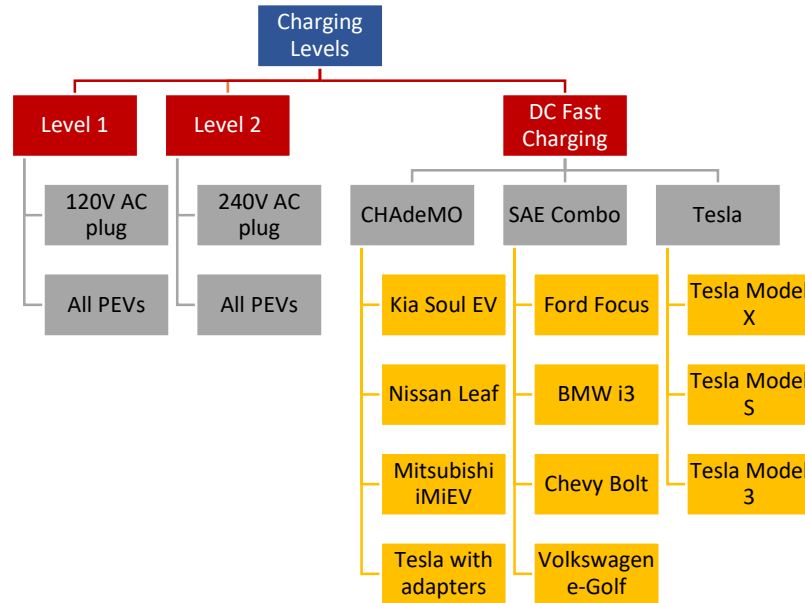
\*based on 15,000 miles/year, AL averages of gasoline price of \$2.57/gallon and \$0.10/kWh of electricity

## Charging Your Electric Vehicle:

There are three different levels of charging:

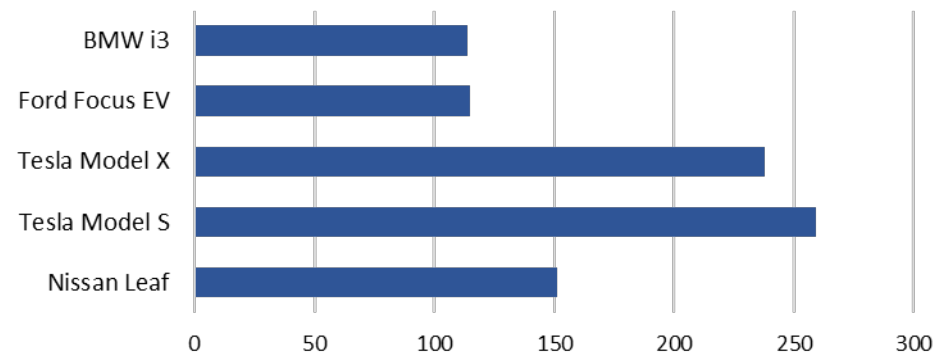
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

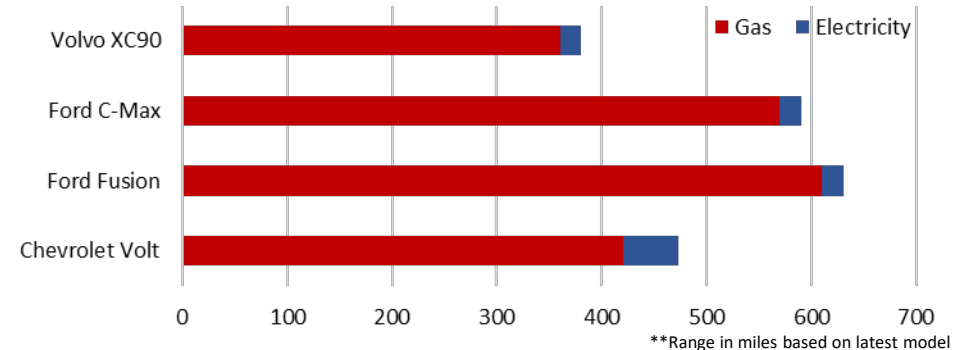


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in AL\*\*

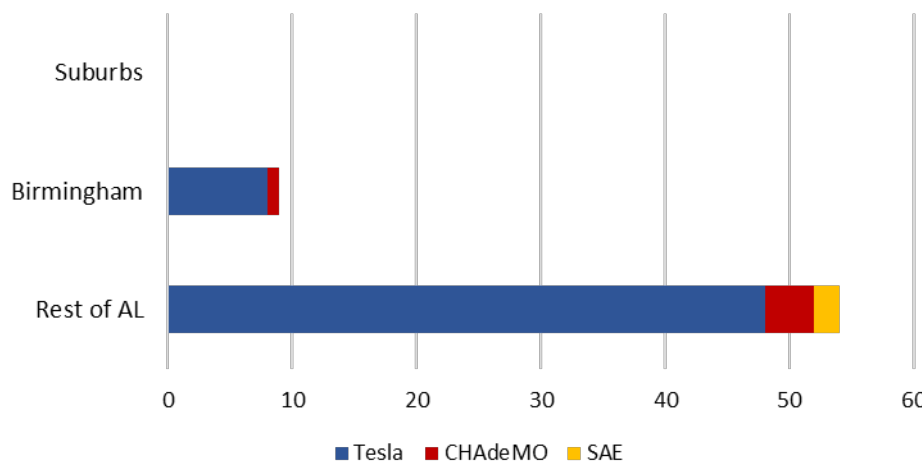


## EPA Rated Range of Top Selling PHEVs in AL\*\*



\*\*Range in miles based on latest model

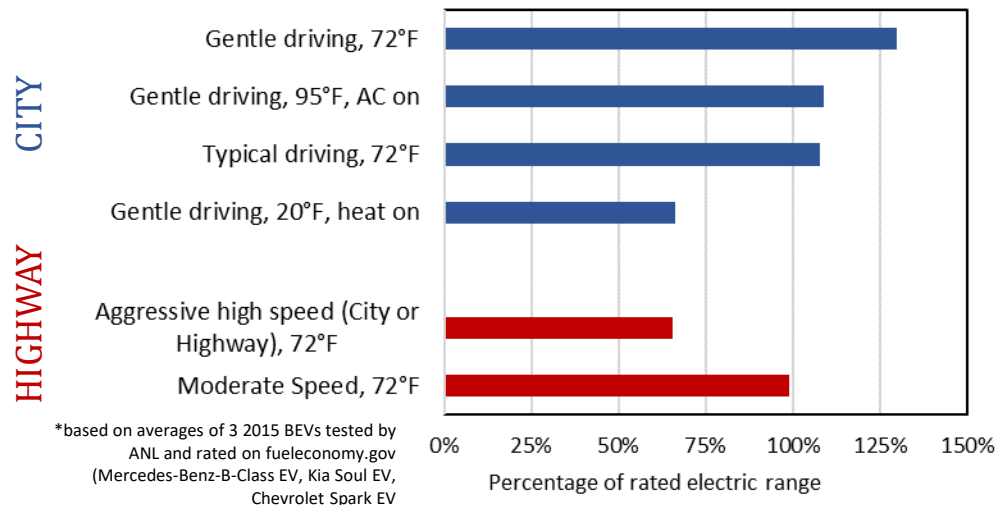
## DC Fast Charging Outlets in AL



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions



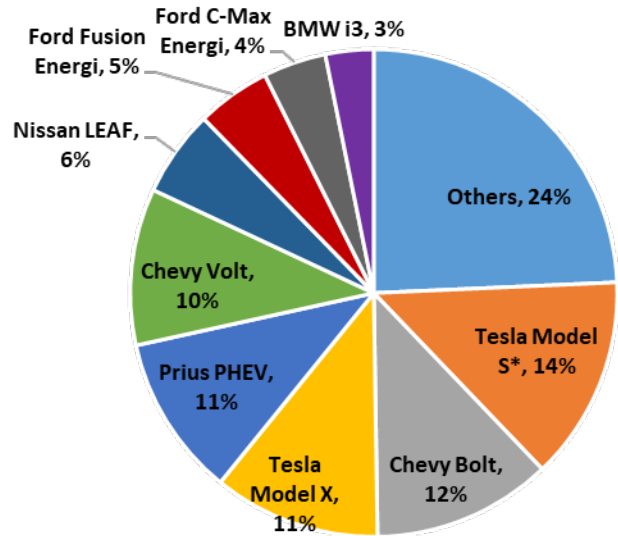
\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

# Florida EV Fact Sheet

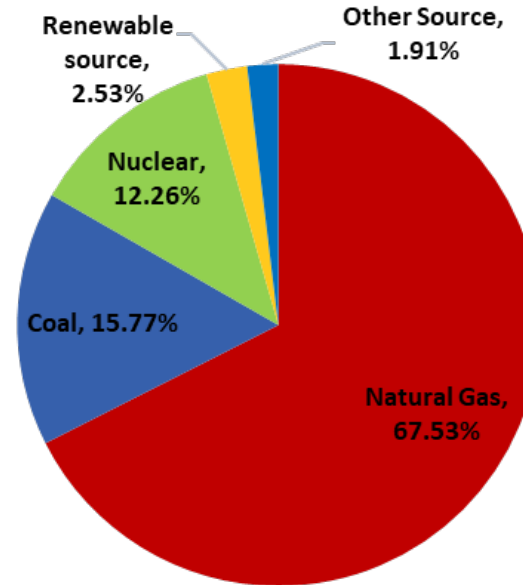
# Florida EV Fact Sheet

# Florida EV Fact Sheet

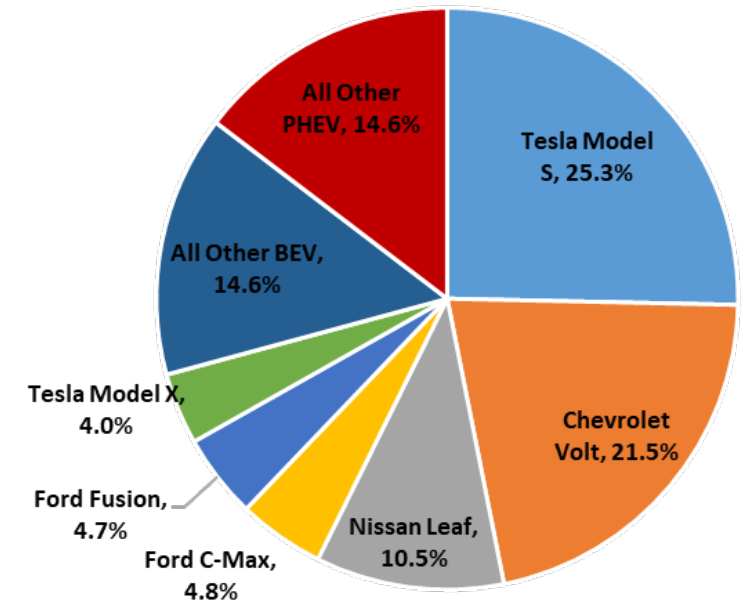
2017 National Sales of Leading BEVs and PHEVs



2018 FL ELECTRICITY GENERATION SOURCE



Florida Leading PEV 2016 Registrations



Avg. Price for Gallon of Gasoline in FL:	Avg. Price of Electric Equivalent Gallon in FL:
<b>\$2.76</b>	<b>\$1.03</b>

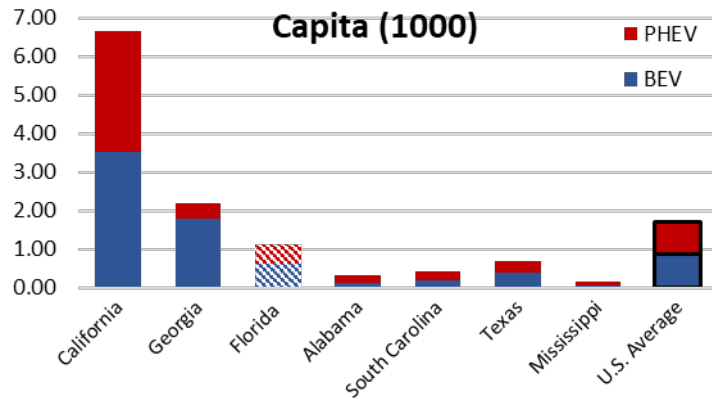
\*Renewables (Wind, Solar, Biomass, and Hydro) make up 2.53% of Florida's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

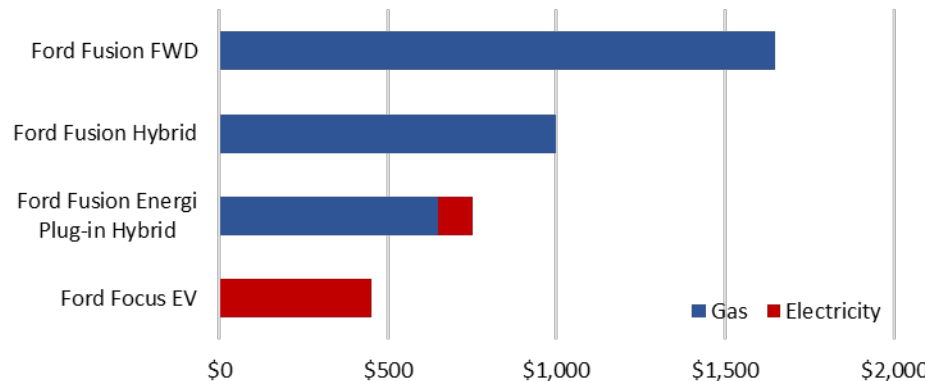
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



FL Annual Fuel Cost\*



\*based on 15,000 miles/year, FL averages of gasoline price of \$2.76/gallon and \$0.10/kWh of electricity

FL Share Of Total U.S. PEV

**4.17%**

**Reference:**

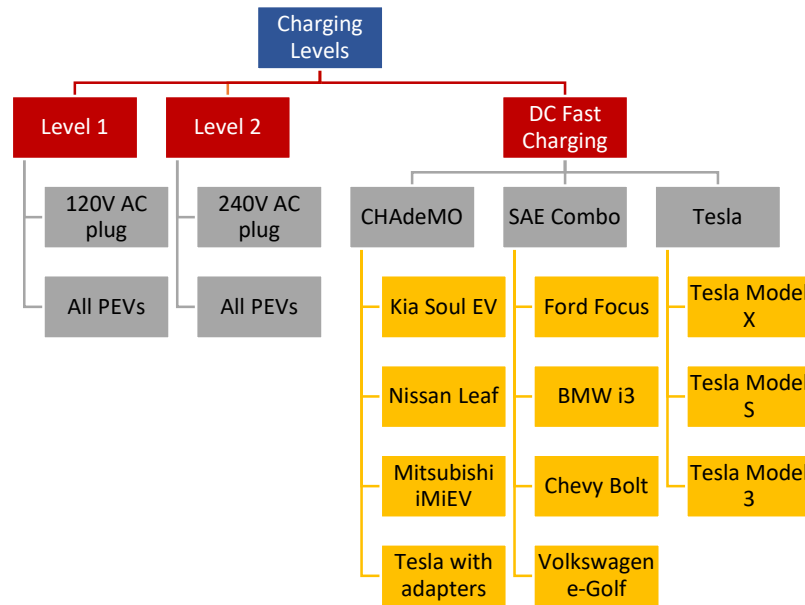
Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

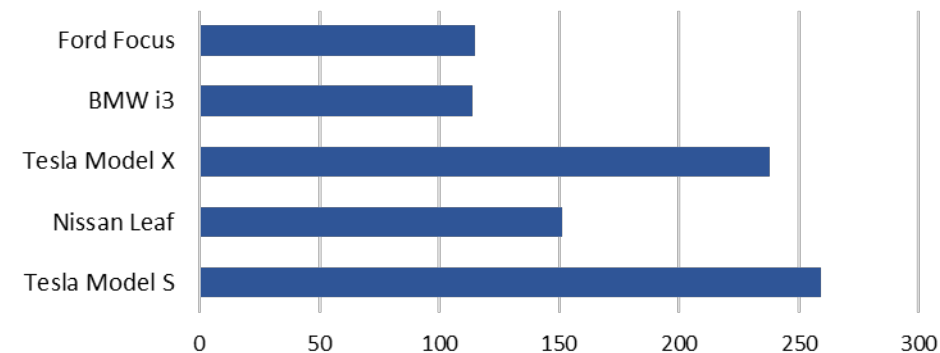
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

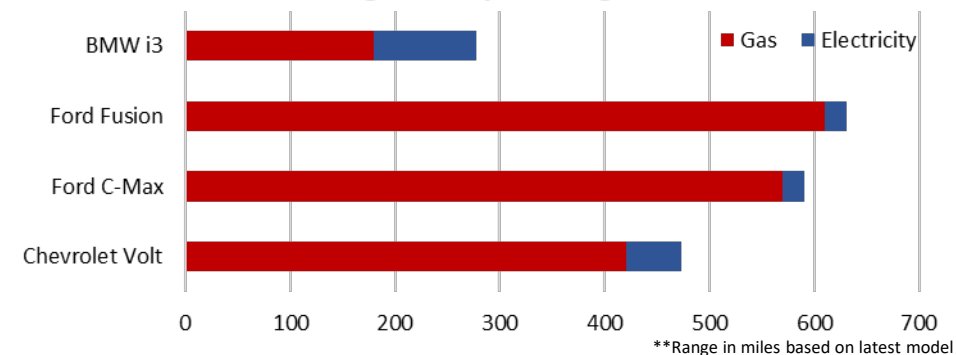


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in FL\*\*

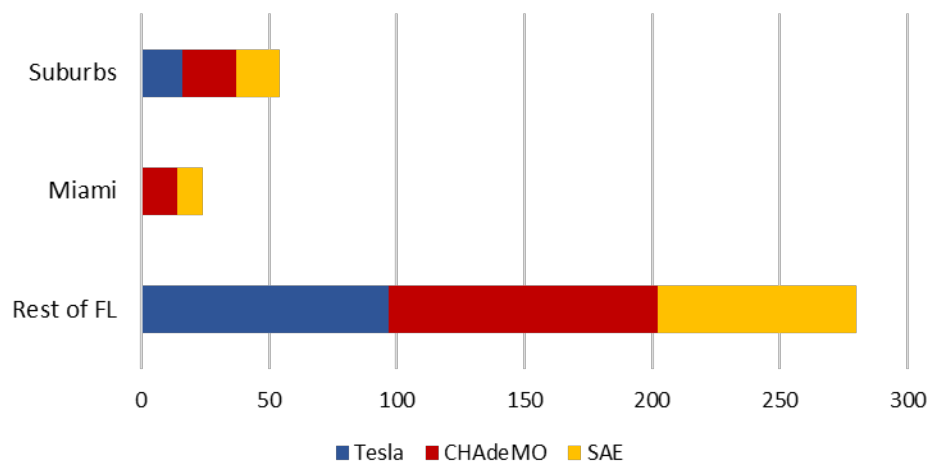


## EPA Rated Range of Top Selling PHEVs in FL\*\*



\*\*Range in miles based on latest model

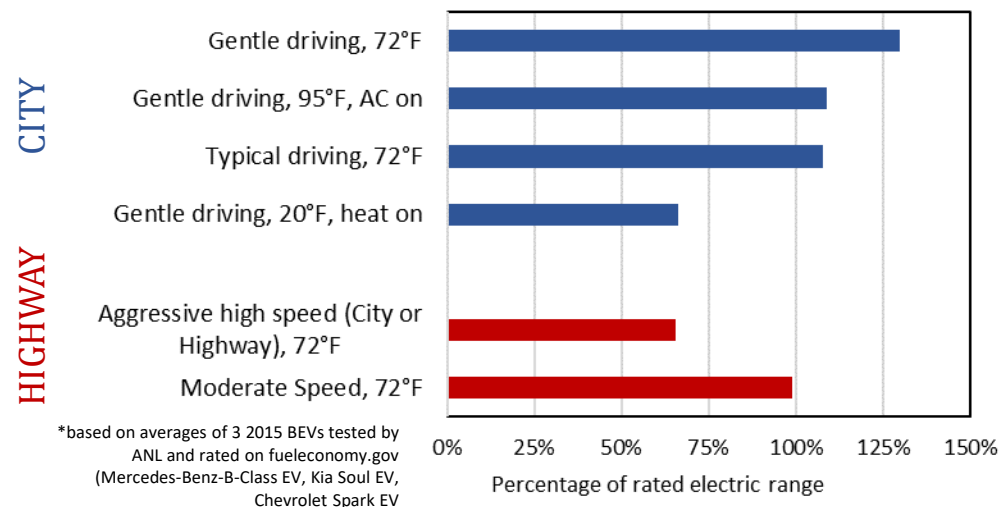
## DC Fast Charging Outlets in FL



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions



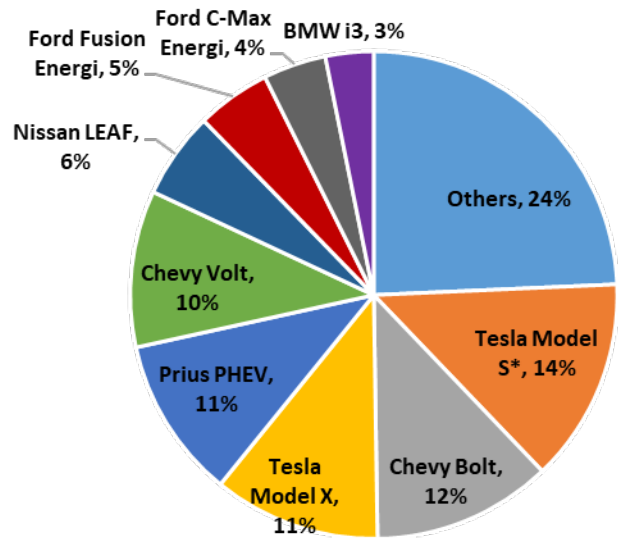
\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

# Georgia EV Fact Sheet

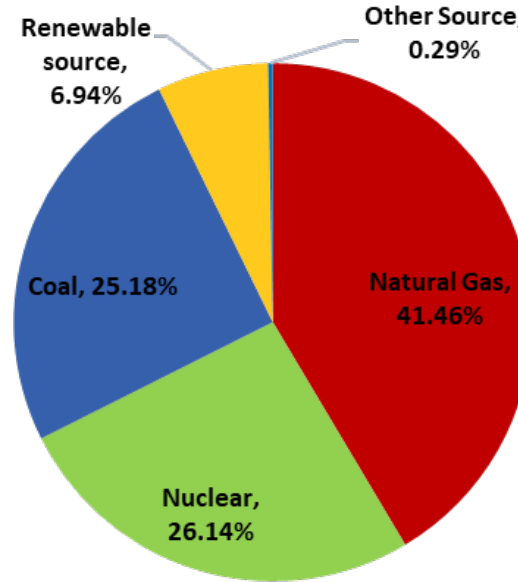
# Georgia EV Fact Sheet

# Georgia EV Fact Sheet

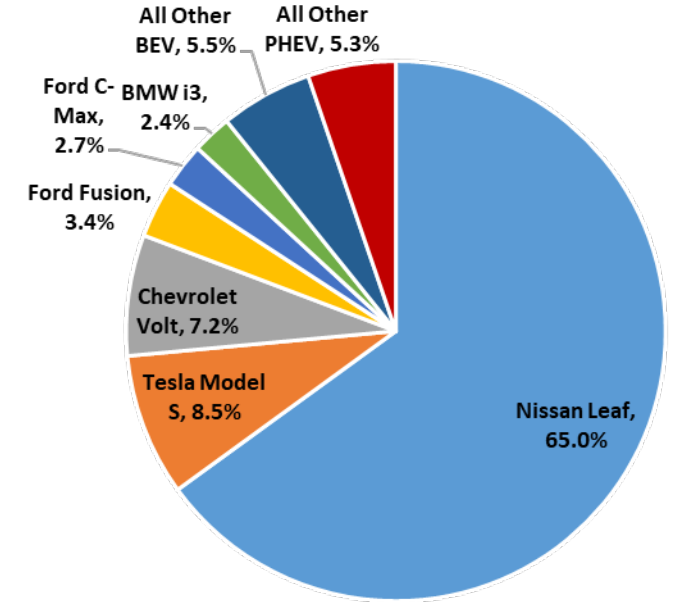
2017 National Sales of Leading BEVs and PHEVs



2018 GA ELECTRICITY GENERATION SOURCE



Georgia Leading PEV 2016 Registrations



Avg. Price for Gallon of Gasoline in GA: <b>\$2.70</b>	Avg. Price of Electric Equivalent Gallon in GA: <b>\$1.02</b>
---	--

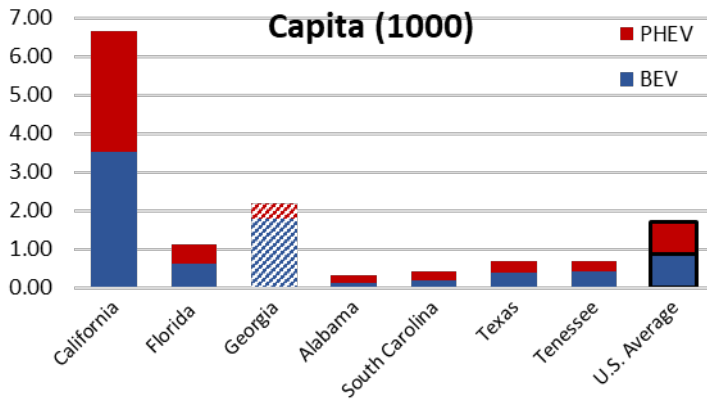
\*Renewables (Wind, Solar, Biomass, and Hydro) make up 6.94% of Georgia's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

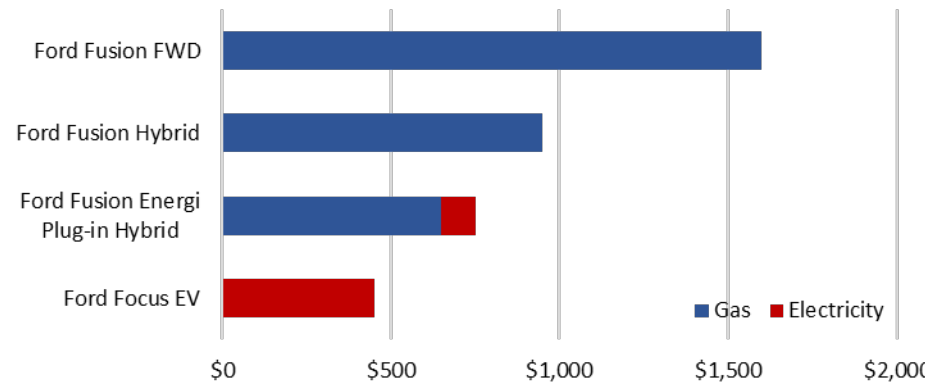
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



GA Annual Fuel Cost\*



\*based on 15,000 miles/year, GA averages of gasoline price of \$2.70/gallon and \$0.10/kWh of electricity

GA Share Of Total U.S. PEV

**4.03%**

**Reference:**

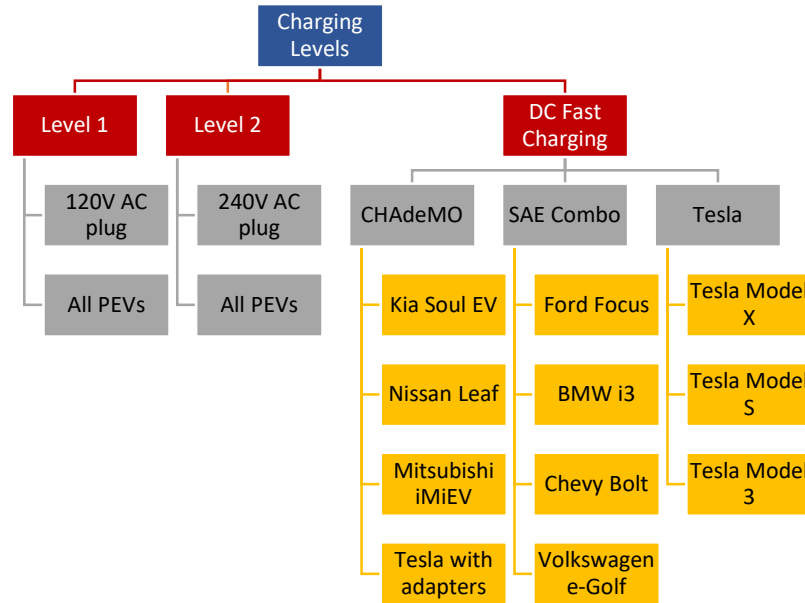
Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

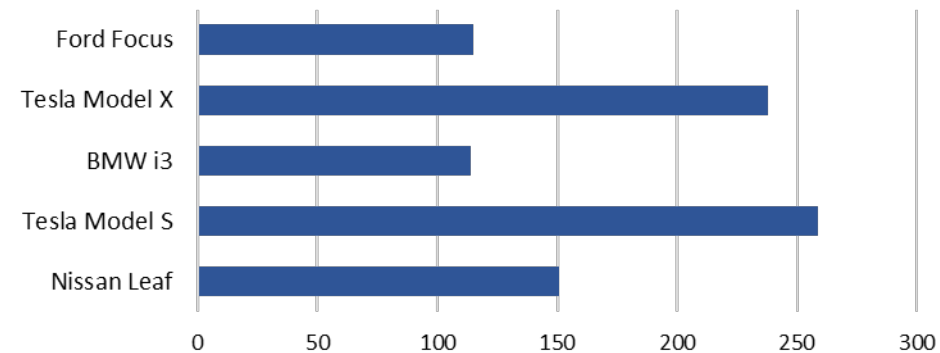
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

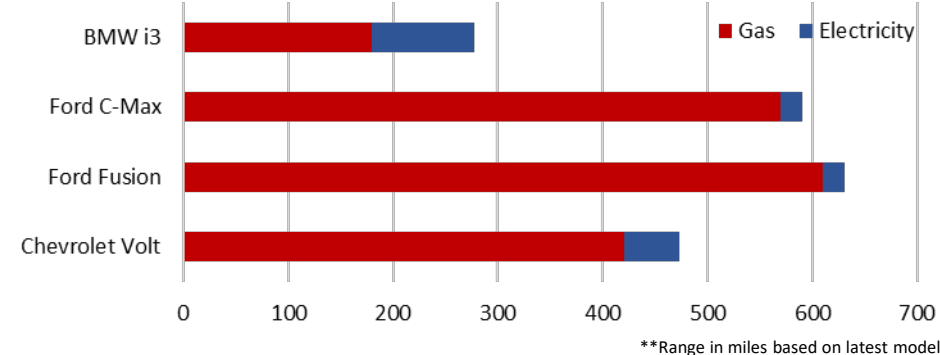


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in GA\*\*

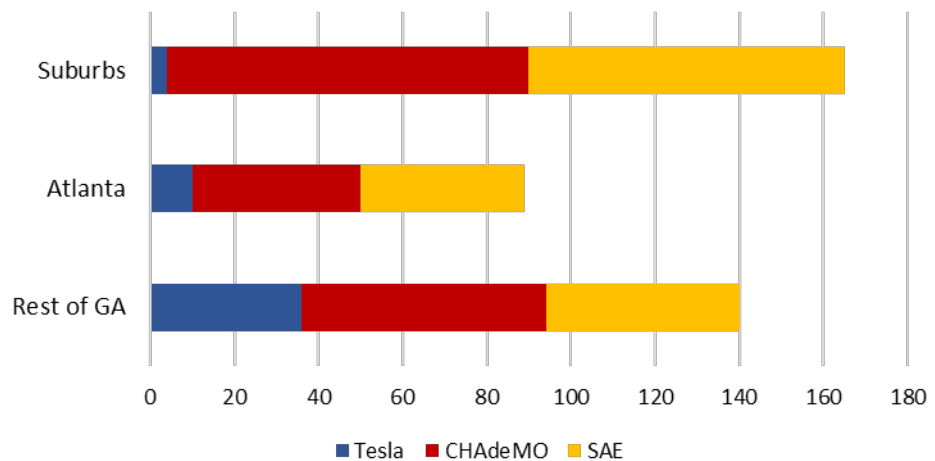


## EPA Rated Range of Top Selling PHEVs in GA\*\*



\*\*Range in miles based on latest model

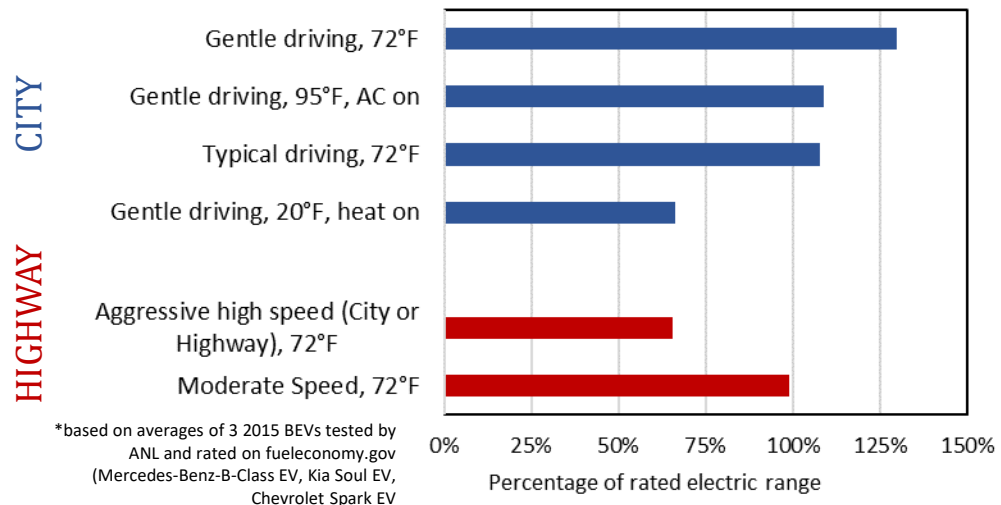
## DC Fast Charging Outlets in GA



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions



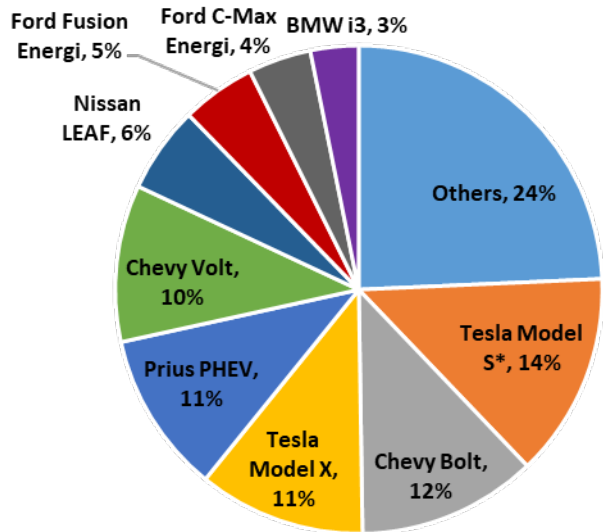
\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

# Kentucky EV Fact Sheet

# Kentucky EV Fact Sheet

# Kentucky EV Fact Sheet

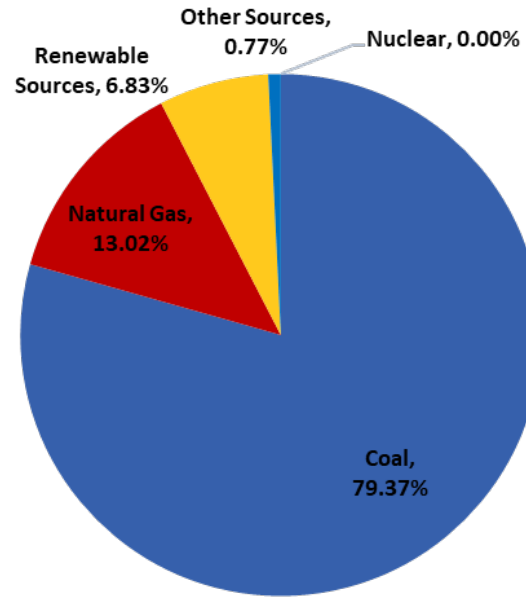
### 2017 National Sales of Leading BEVs and PHEVs



Avg. Price for  
Gallon of Gasoline  
in KY:  
**\$2.73**

Avg. Price of  
Electric Equivalent  
Gallon in KY:  
**\$0.97**

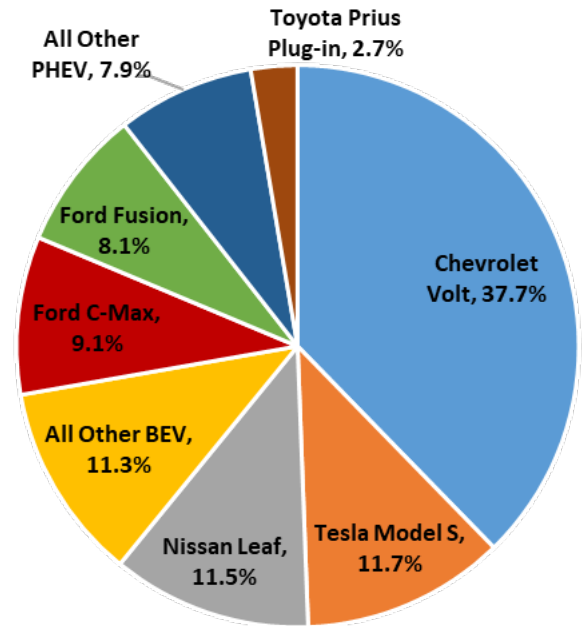
### 2018 KY ELECTRICITY GENERATION SOURCE



\*Renewables (Wind, Solar, Biomass, and Hydro) make up 9.19% of Kentucky's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

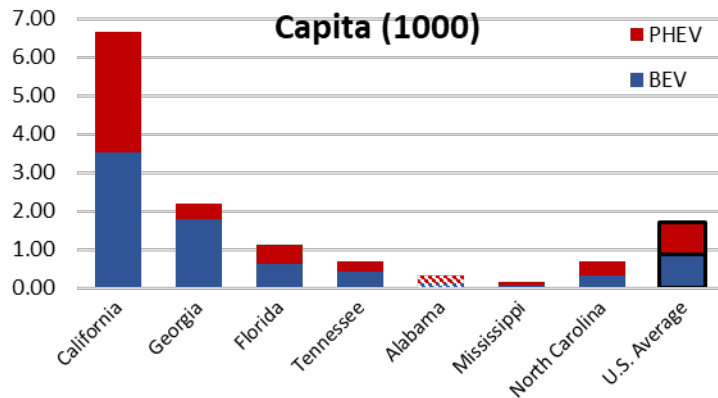
### Kentucky Leading PEV 2016 Registrations



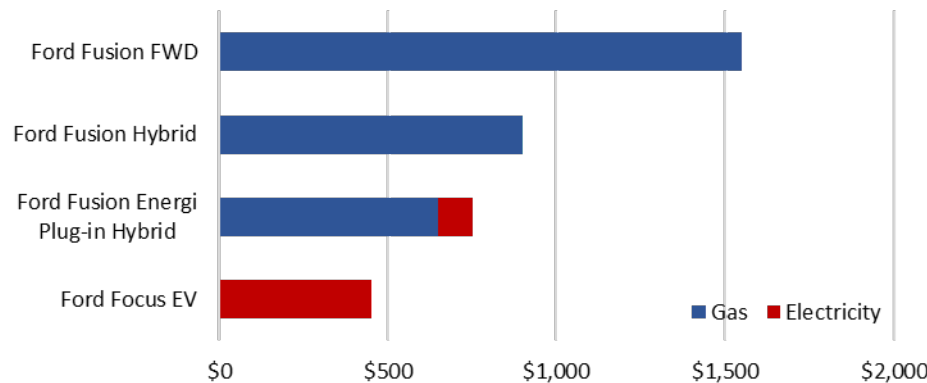
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

### 2016 Leading PEV Registration per Capita (1000)



### Annual Fuel Cost\*



\*based on 15,000 miles/year, KY averages of gasoline price of \$2.73/gallon and \$0.08/kWh of electricity

### KY Share Of Total U.S. PEV

**0.25%**

#### Reference:

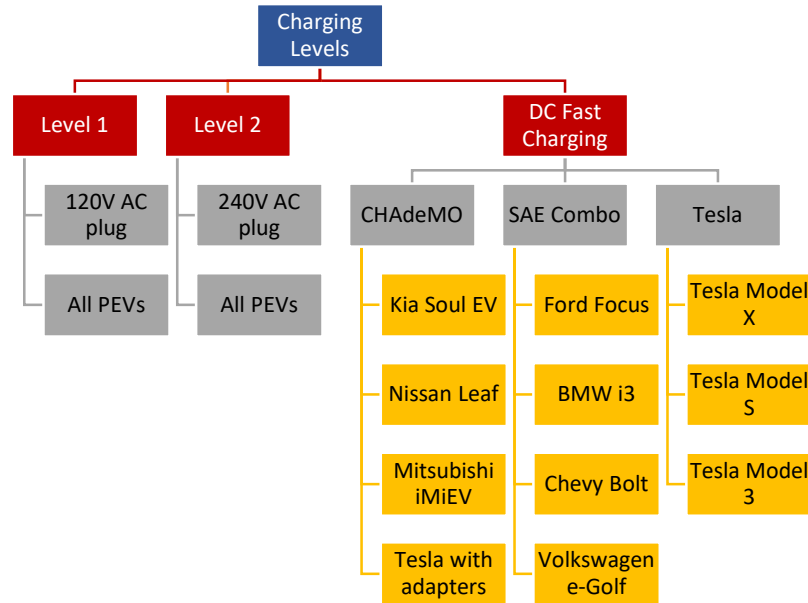
Gasoline and Electricity Price, EIA  
Number of chargers by type, AFDC  
Vehicle fuel efficiency, Fueleconomy.gov  
Registration, IHS Polk Data  
PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

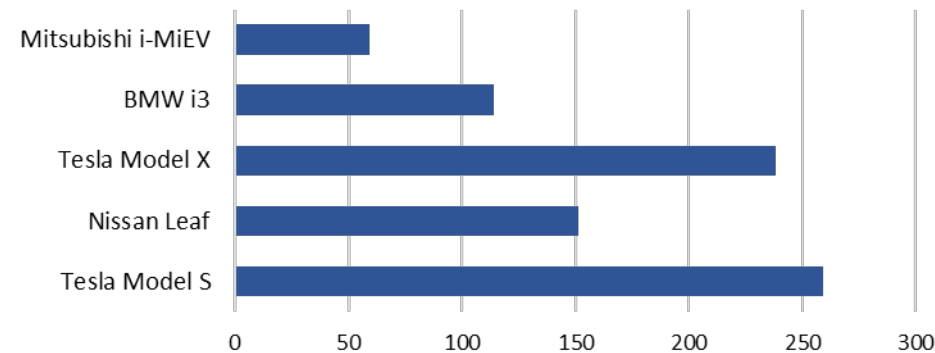
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

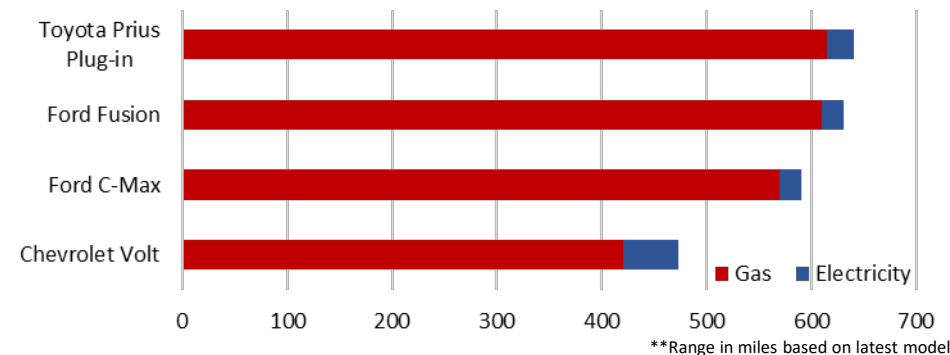


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in KY\*\*

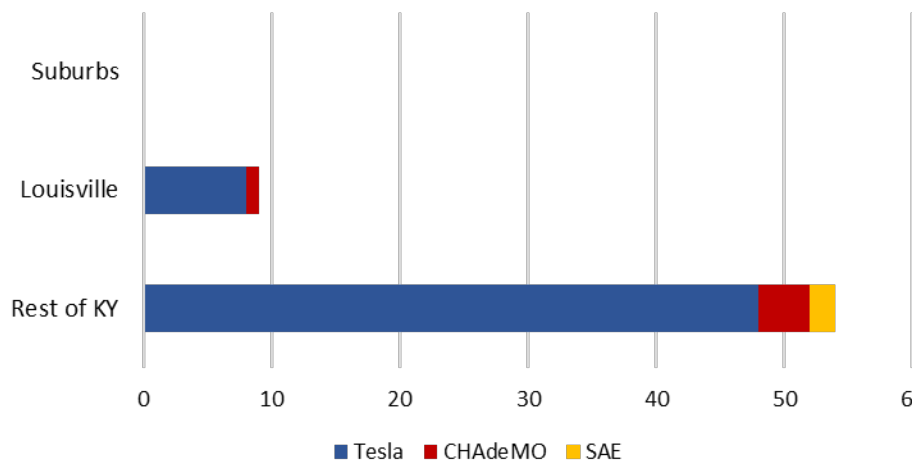


## EPA Rated Range of Top Selling PHEVs in KY\*\*



\*\*Range in miles based on latest model

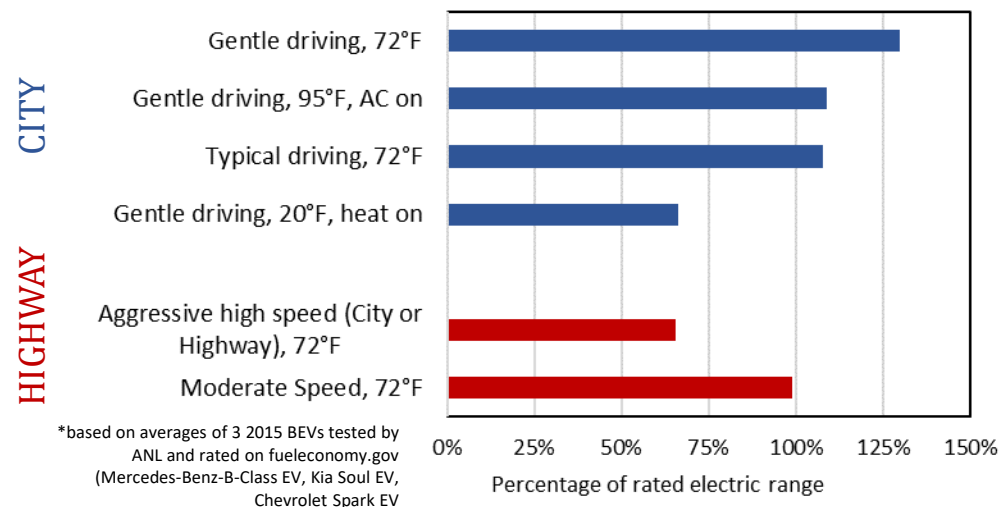
## DC Fast Charging Outlets in KY



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions



\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

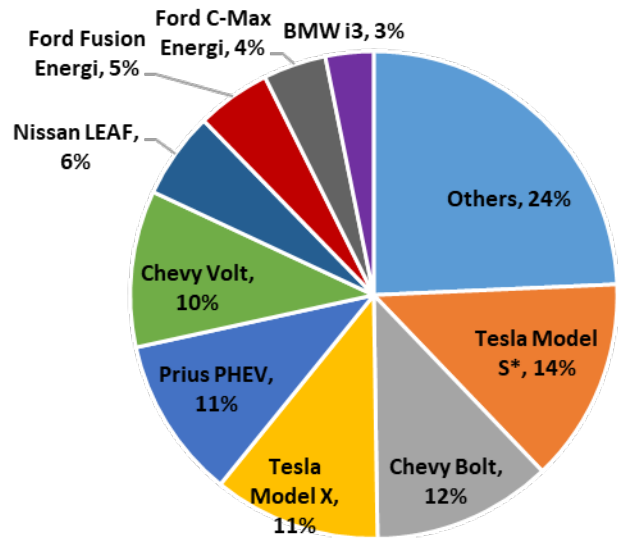


# Mississippi EV Fact Sheet

# Mississippi EV Fact Sheet

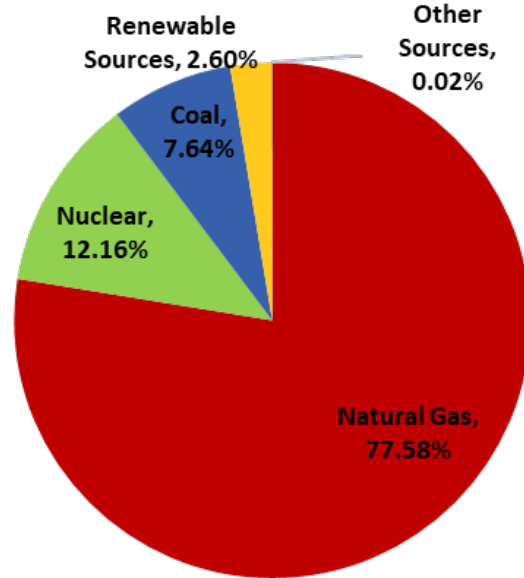
# Mississippi EV Fact Sheet

2017 National Sales of Leading BEVs and PHEVs



Avg. Price for Gallon of Gasoline in MS: <b>\$2.57</b>	Avg. Price of Electric Equivalent Gallon in MS: <b>\$1.10</b>
---	--

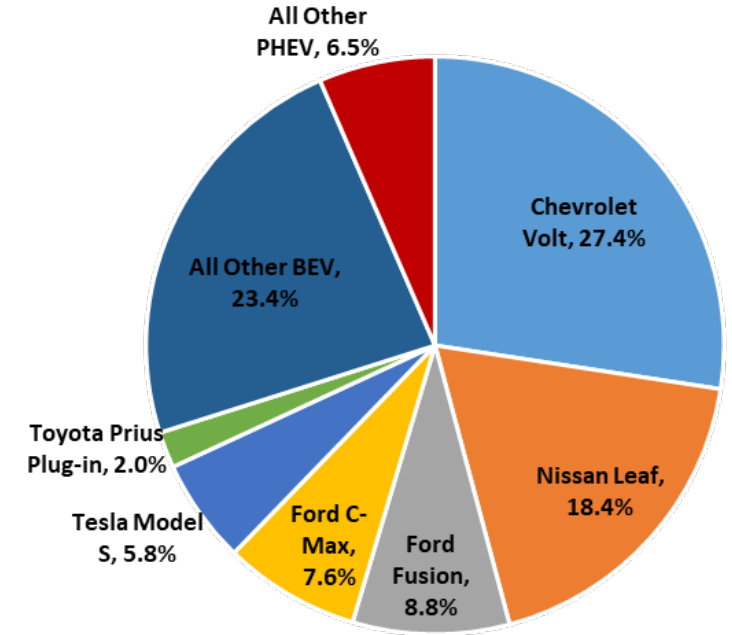
2018 MS ELECTRICITY GENERATION SOURCE



\*Renewables (Wind, Solar, Biomass, and Hydro) make up 2.60% of Mississippi's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

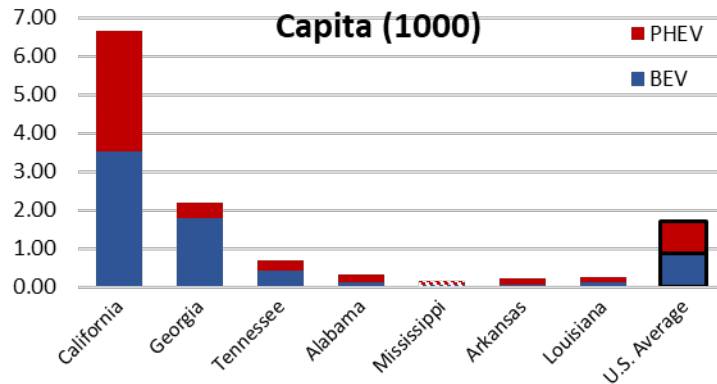
Mississippi Leading PEV 2016 Registrations



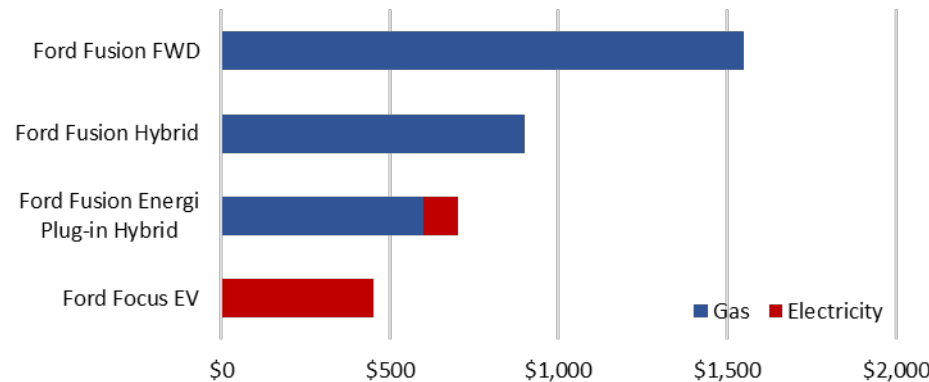
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



Annual Fuel Cost\*



\*based on 15,000 miles/year, MS averages of gasoline price of \$2.57/gallon and \$0.09/kWh of electricity

MS Share Of Total U.S. PEV

**0.08%**

**Reference:**

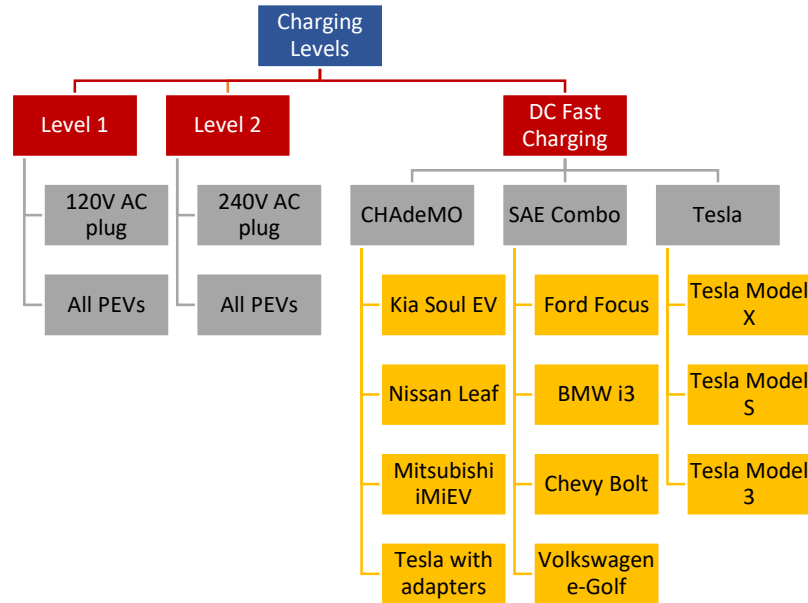
Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

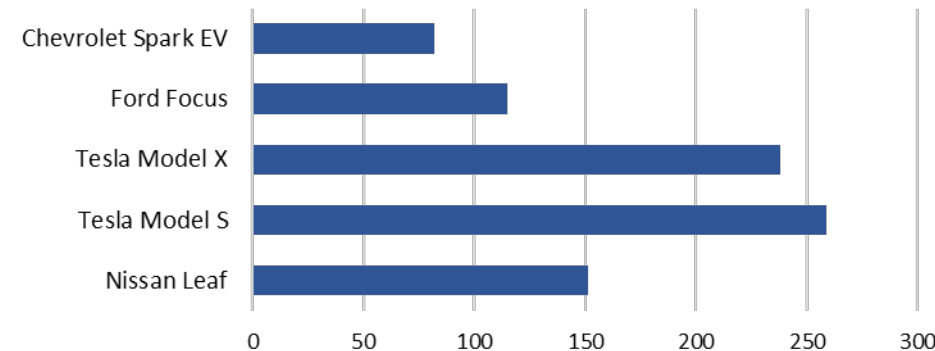
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

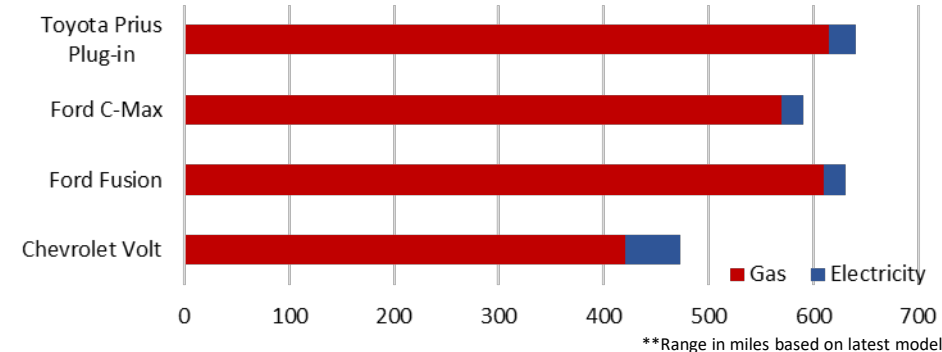


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in MS\*\*

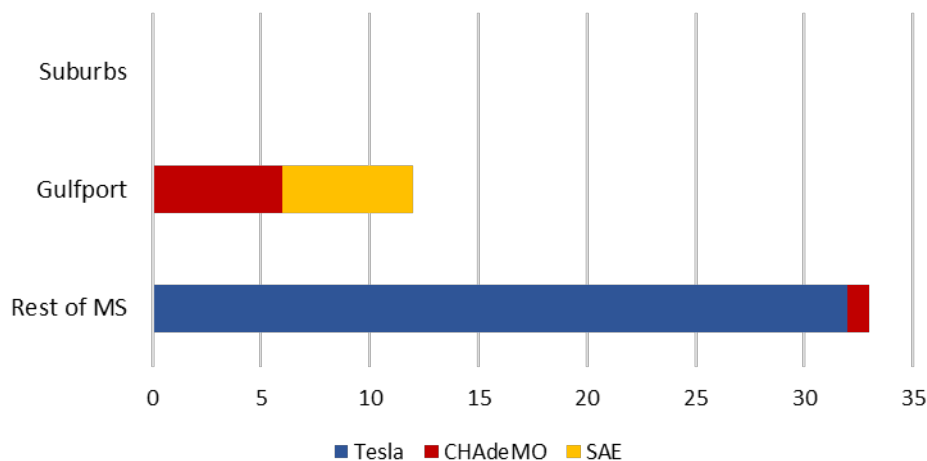


## EPA Rated Range of Top Selling PHEVs in MS\*\*



\*\*Range in miles based on latest model

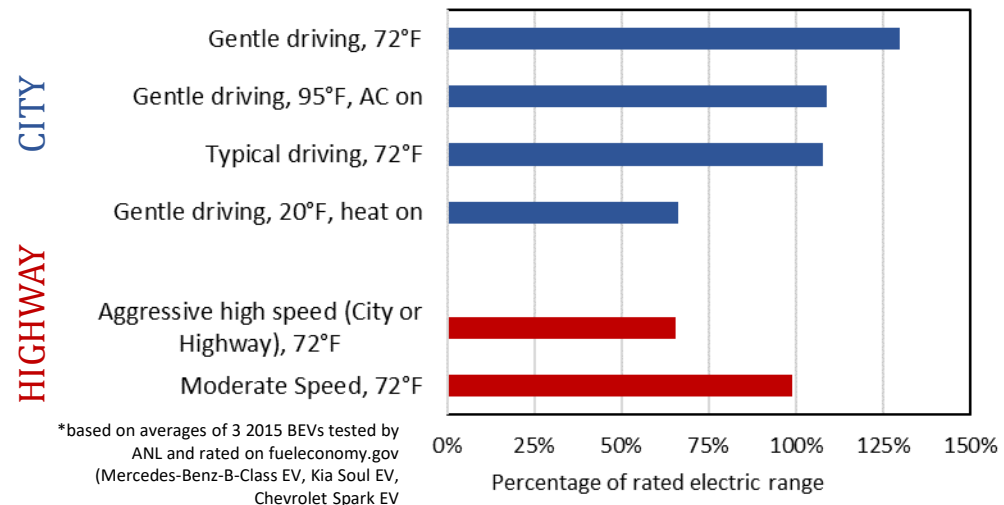
## DC Fast Charging Outlets in MS



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions



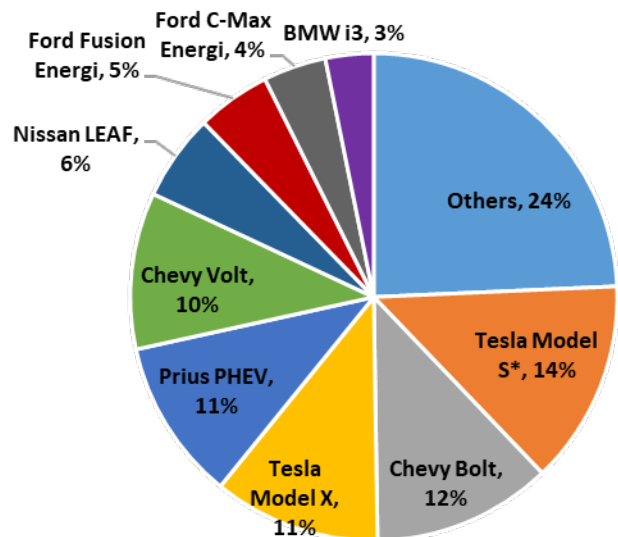
\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

# North Carolina EV Fact Sheet

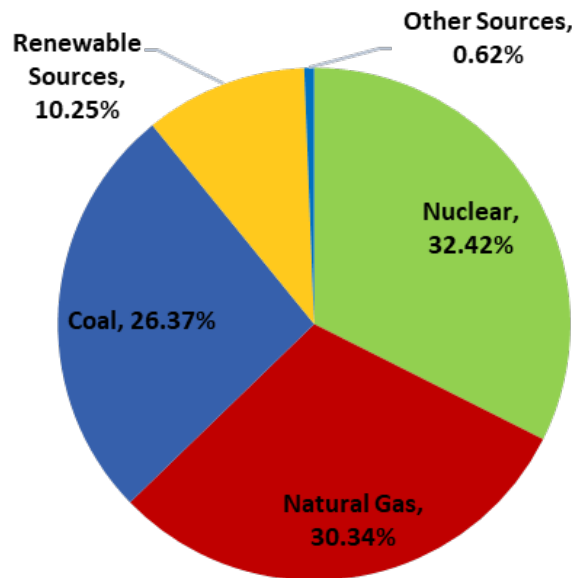
# North Carolina EV Fact Sheet

# North Carolina EV Fact Sheet

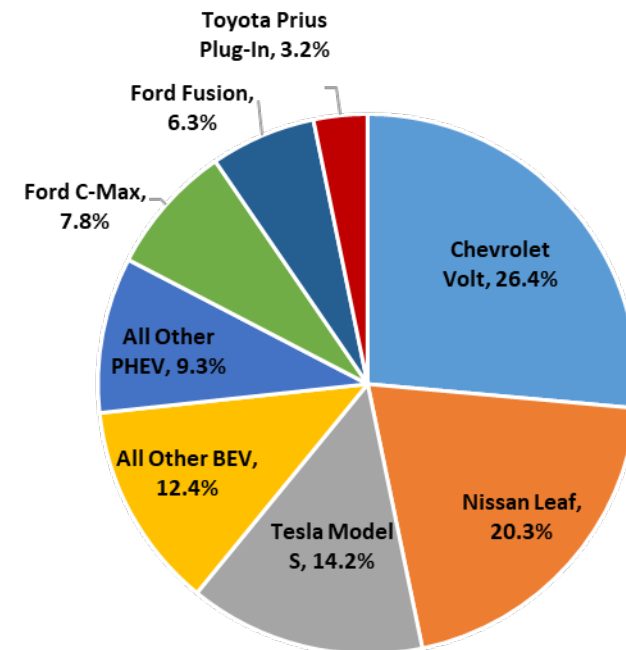
2017 National Sales of Leading BEVs and PHEVs



2018 NC ELECTRICITY GENERATION SOURCE



N. Carolina Leading PEV 2016 Registrations



Avg. Price for Gallon of Gasoline in NC:	Avg. Price of Electric Equivalent Gallon in NC:
<b>\$2.73</b>	<b>\$1.02</b>

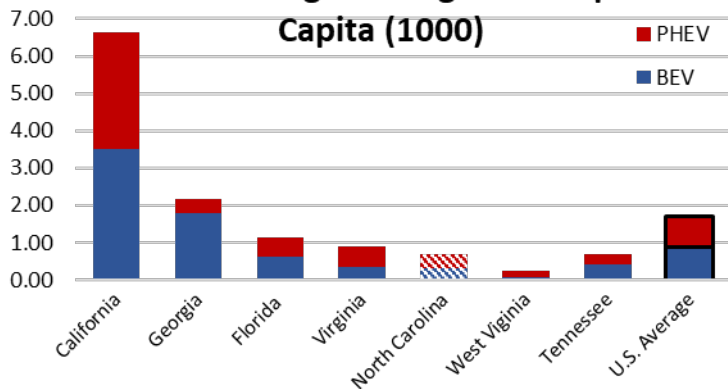
\*Renewables (Wind, Solar, Biomass, and Hydro) make up 2.53% of North Carolina's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

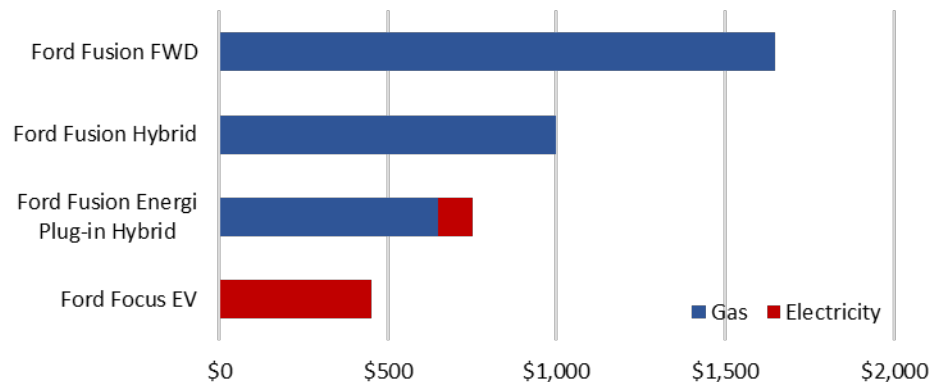
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



NC Annual Fuel Cost\*



NC Share Of Total U.S. PEV

**1.26%**

**Reference:**

Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

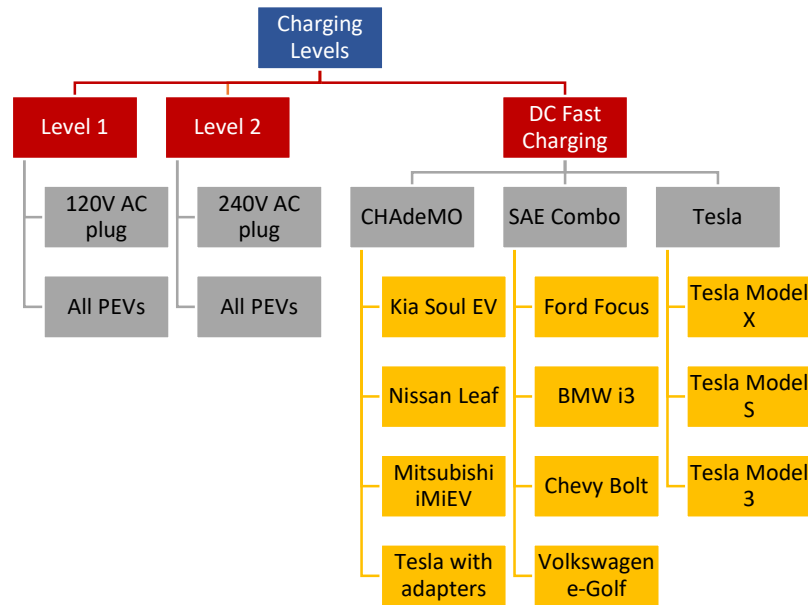
\*based on 15,000 miles/year, NC averages of gasoline price of \$2.73/gallon and \$0.09/kWh of electricity

## Charging Your Electric Vehicle:

There are three different levels of charging:

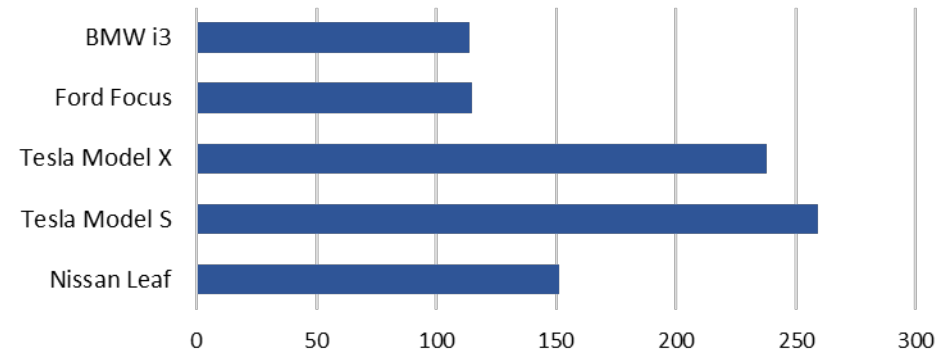
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

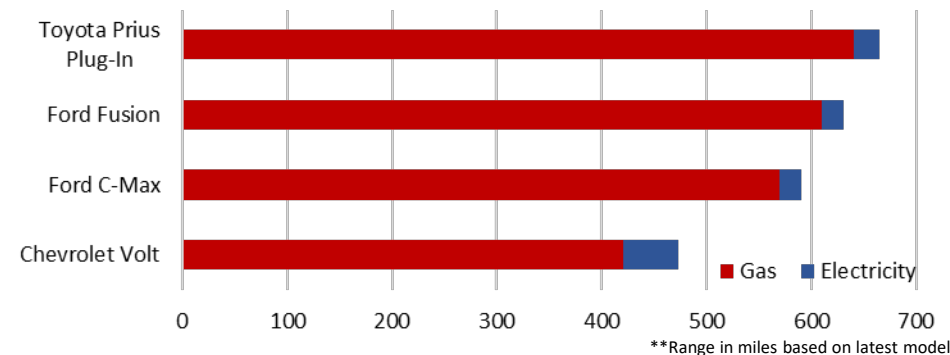


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

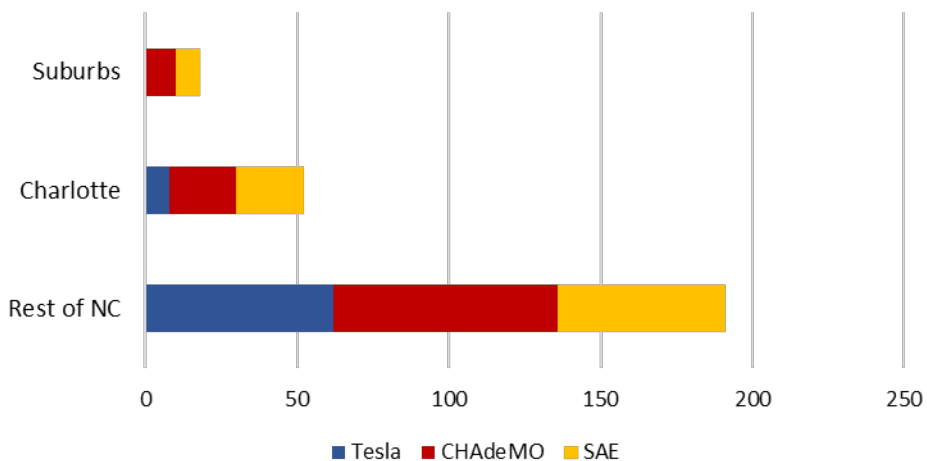
## EPA Rated Range of Top Selling BEVs in NC\*\*



## EPA Rated Range of Top Selling PHEVs in NC\*\*



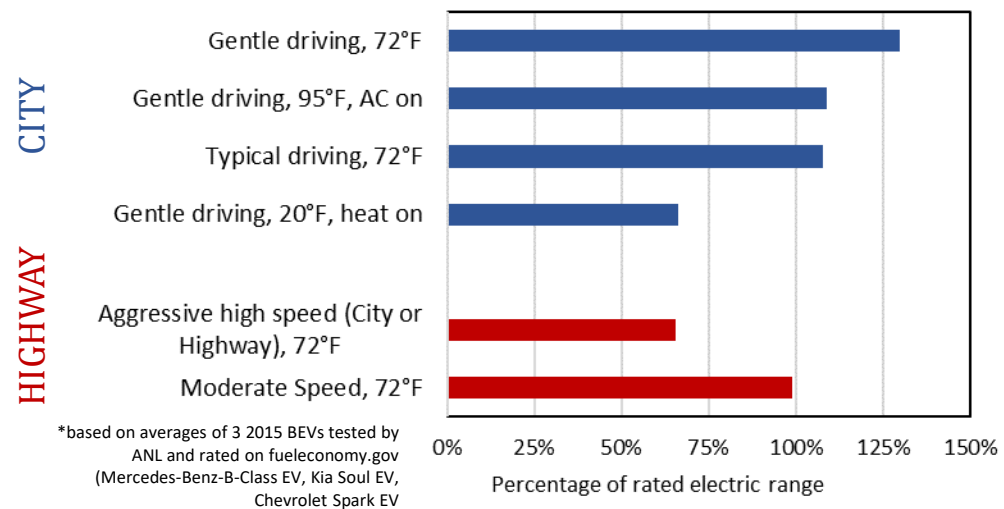
## DC Fast Charging Outlets in NC



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions

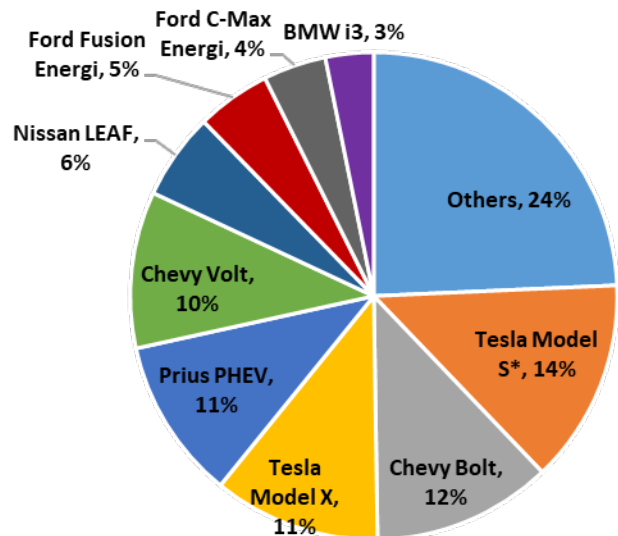


# South Carolina EV Fact Sheet

# South Carolina EV Fact Sheet

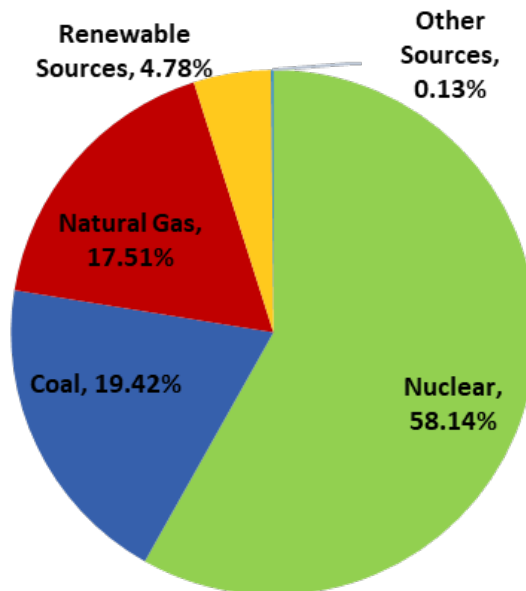
# South Carolina EV Fact Sheet

2017 National Sales of Leading BEVs and PHEVs



Avg. Price for Gallon of Gasoline in SC: <b>\$2.67</b>	Avg. Price of Electric Equivalent Gallon in SC: <b>\$1.17</b>
---	--

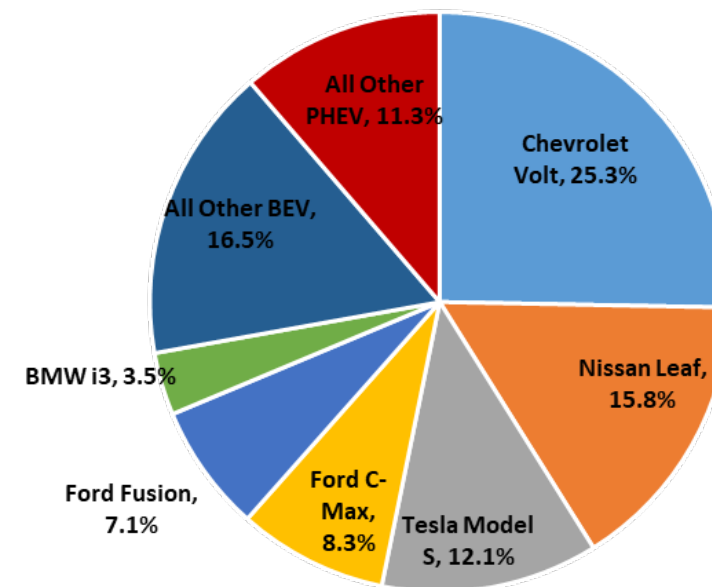
2018 SC ELECTRICITY GENERATION SOURCE



\*Renewables (Wind, Solar, Biomass, and Hydro) make up 2.53% of South Carolina's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

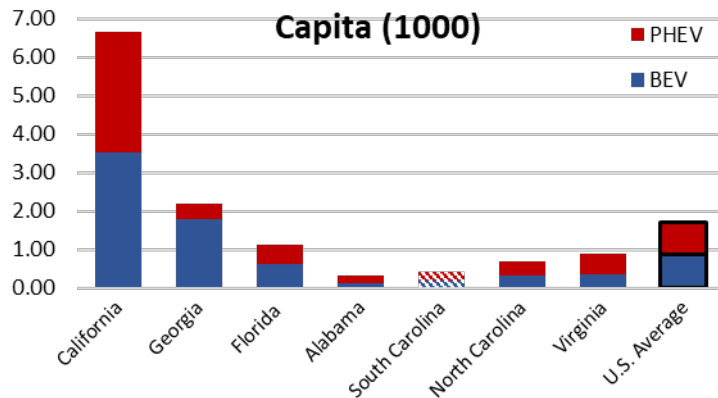
S. Carolina Leading PEV 2016 Registrations



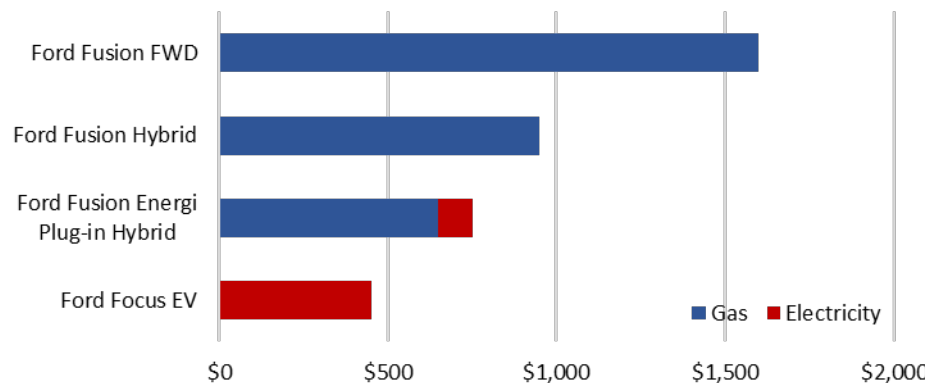
Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

2016 Leading PEV Registration per Capita (1000)



Annual Fuel Cost\*



\*based on 15,000 miles/year, SC averages of gasoline price of \$2.67/gallon and \$0.10/kWh of electricity

SC Share Of Total U.S. PEV

**0.38%**

**Reference:**

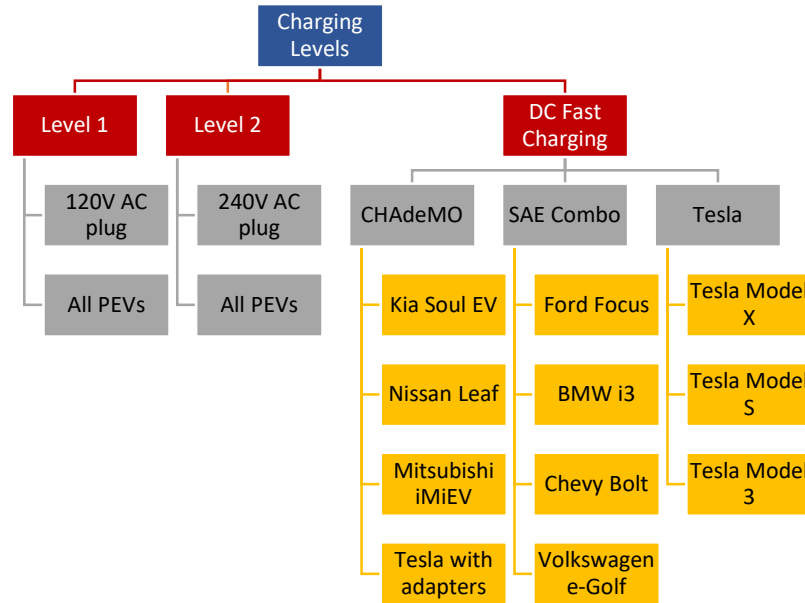
Gasoline and Electricity Price, EIA  
 Number of chargers by type, AFDC  
 Vehicle fuel efficiency, Fueleconomy.gov  
 Registration, IHS Polk Data  
 PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

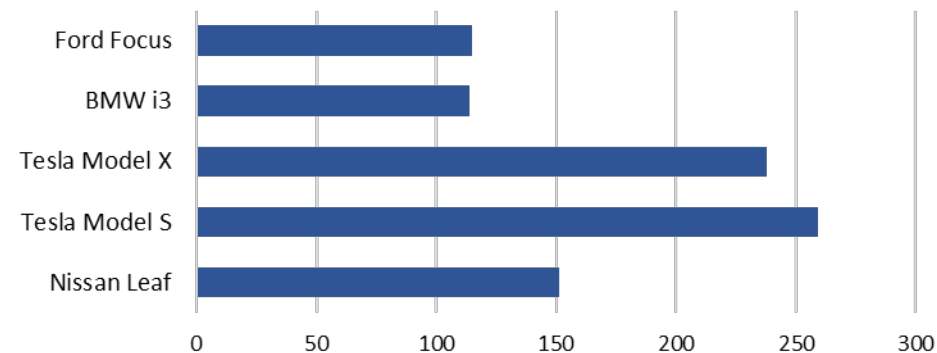
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

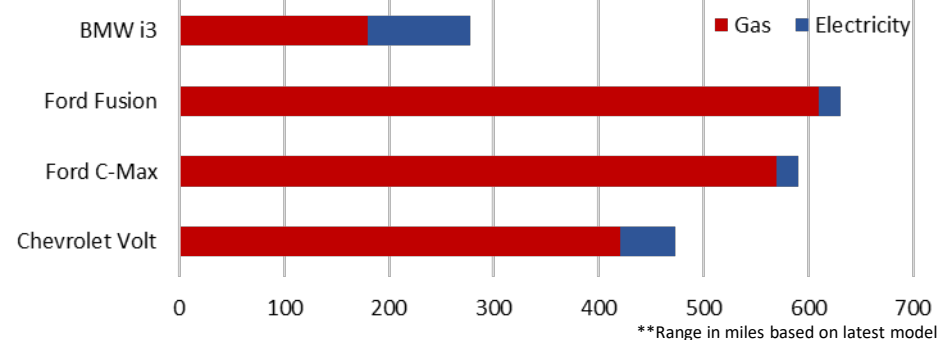


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

## EPA Rated Range of Top Selling BEVs in SC\*\*

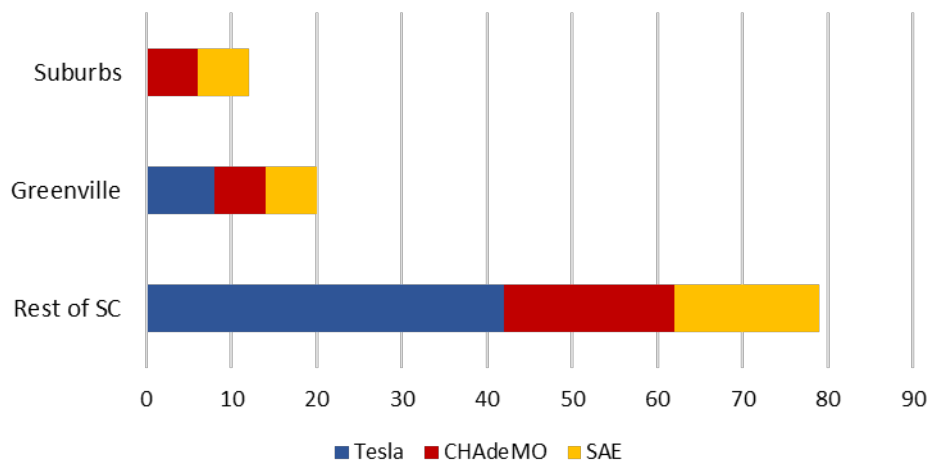


## EPA Rated Range of Top Selling PHEVs in SC\*\*



\*\*Range in miles based on latest model

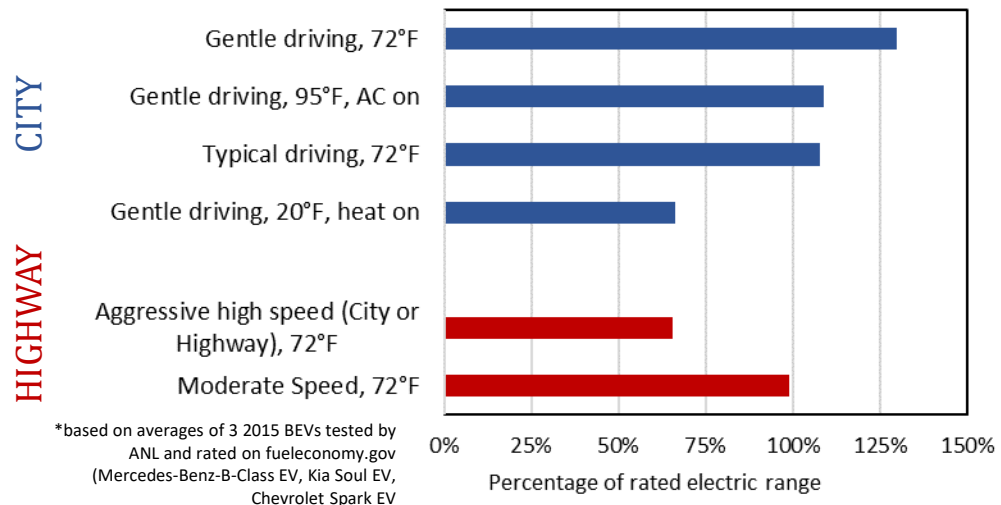
## DC Fast Charging Outlets in SC



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

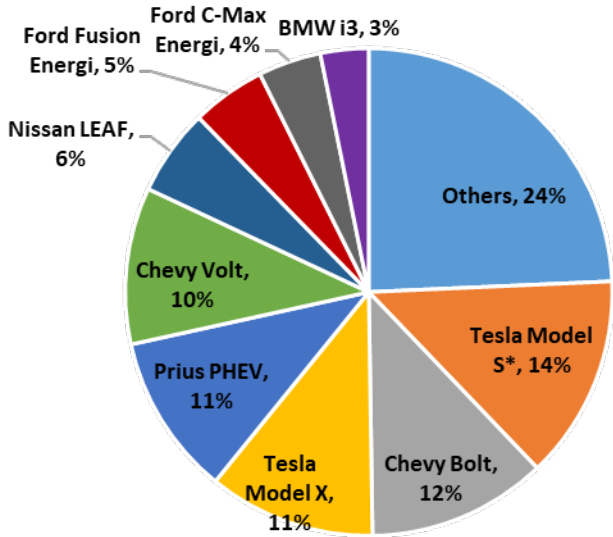
## Range Depletion Dependent on Driving and Weather Conditions



\*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

# Tennessee EV Fact Sheet

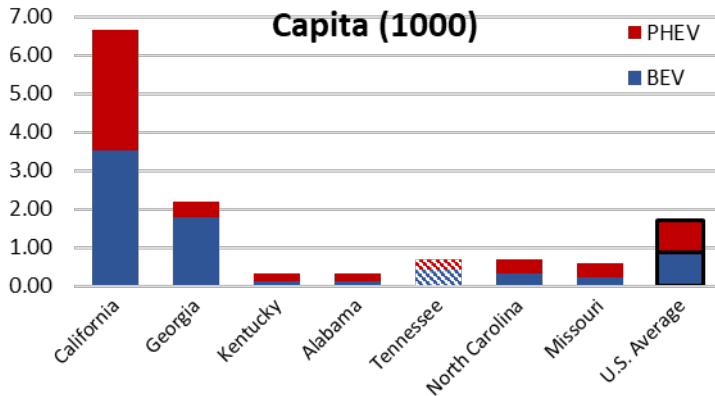
## 2017 National Sales of Leading BEVs and PHEVs



Avg. Price for  
Gallon of Gasoline  
in TN:  
**\$2.73**

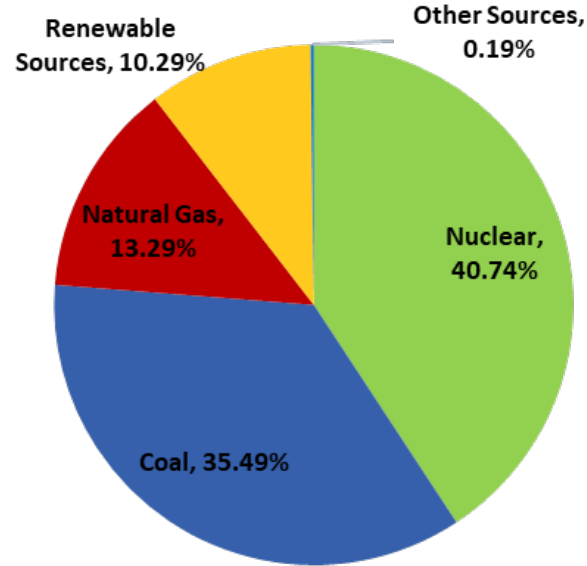
Avg. Price of  
Electric Equivalent  
Gallon in TN:  
**\$0.99**

## 2016 Leading PEV Registration per Capita (1000)



# Tennessee EV Fact Sheet

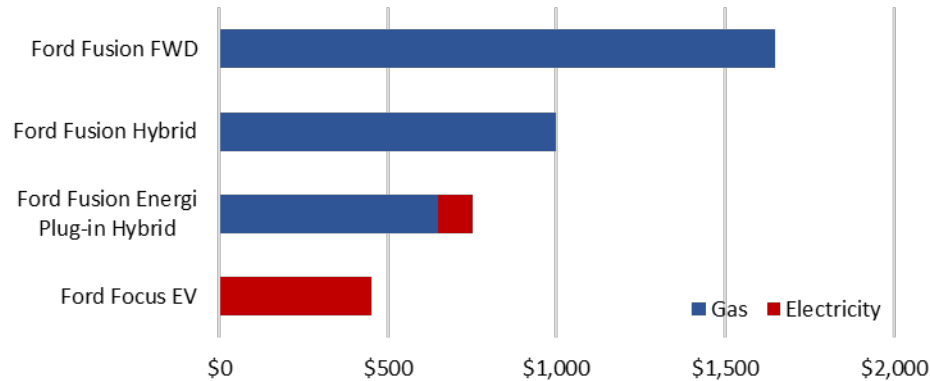
## 2018 TN ELECTRICITY GENERATION SOURCE



\*Renewables (Wind, Solar, Biomass, and Hydro) make up 10.29% of Tennessee's source for electricity. Other Sources includes oil, other Gases and Other Miscellaneous Sources

[https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)

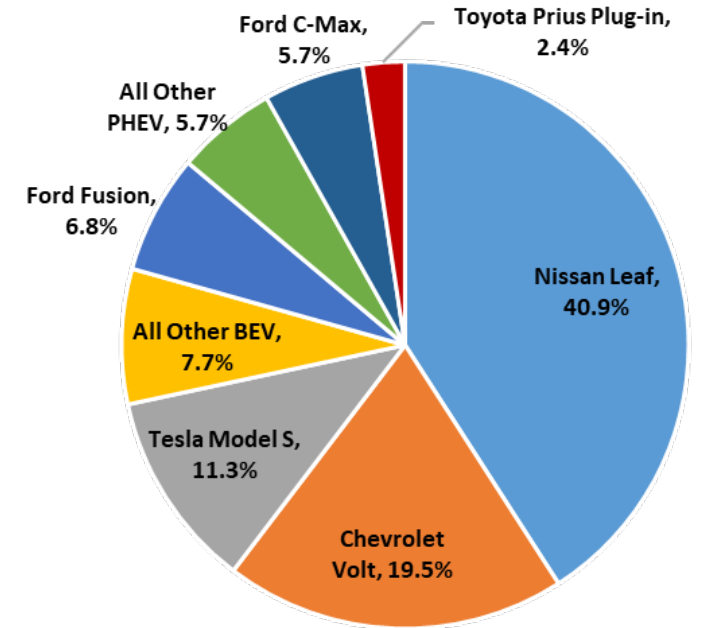
## Annual Fuel Cost\*



\*based on 15,000 miles/year, TN averages of gasoline price of \$2.73/gallon and \$0.09/kWh of electricity

# Tennessee EV Fact Sheet

## Tennessee Leading PEV 2016 Registrations



Check model availability on AFDC. Note availability varies by state.

<https://www.afdc.energy.gov/states/>

TN Share Of Total U.S. PEV

**0.82%**

### Reference:

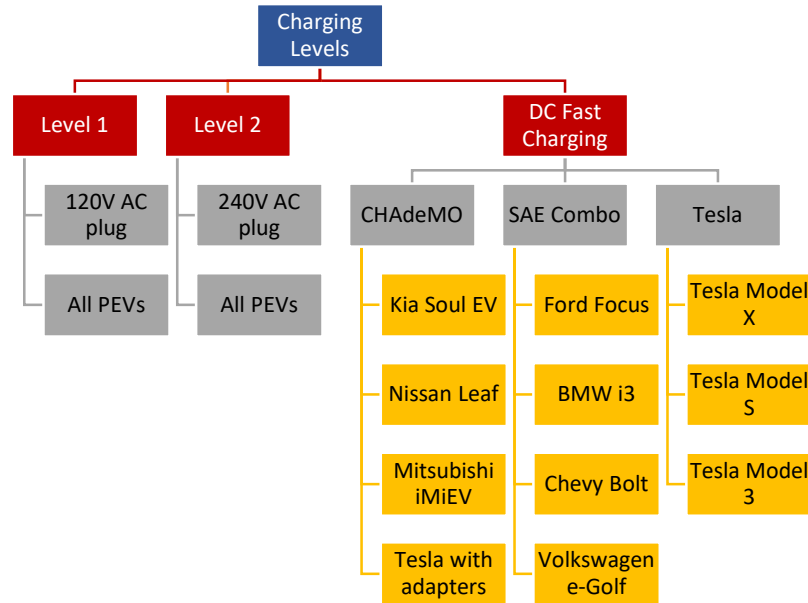
Gasoline and Electricity Price, EIA  
Number of chargers by type, AFDC  
Vehicle fuel efficiency, Fueleconomy.gov  
Registration, IHS Polk Data  
PEV Sales, Hybridcars.com

## Charging Your Electric Vehicle:

There are three different levels of charging:

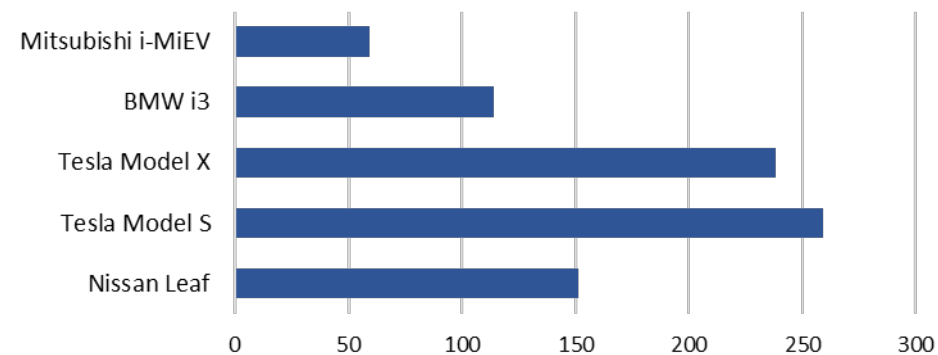
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, but is also used for public charging. In the home, it can replenish an entire BEV battery overnight.
- DC Fast Charging: This is for rapid charging along heavy traffic corridors. In 20 minutes it can provide enough battery life for a 50-70 miles of range. In ideal conditions of mild temperatures and a low initial charge, a fast charge to 80% will take about 30 minutes for a BEV, but longer in cold weather. There are three types of DC fast charging systems, depending on the vehicle: SAE J1772 combo, CHAdeMO, and Tesla. An adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

## Charging Levels and Types

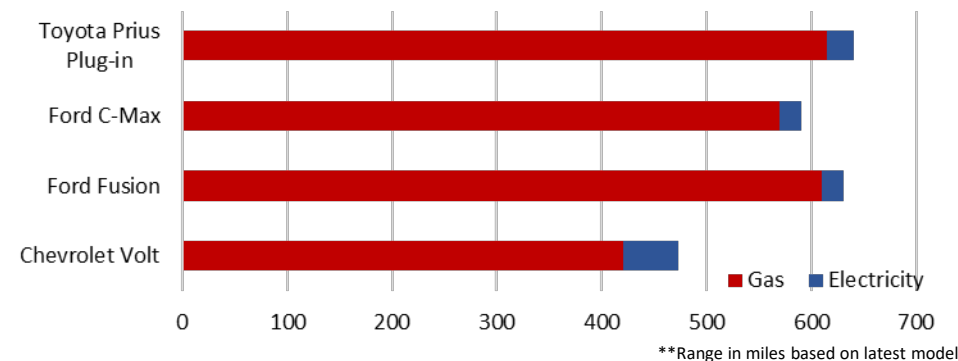


\* BMW i3Rex and Outlander PHEV are the only two PHEVs to be able fast charged

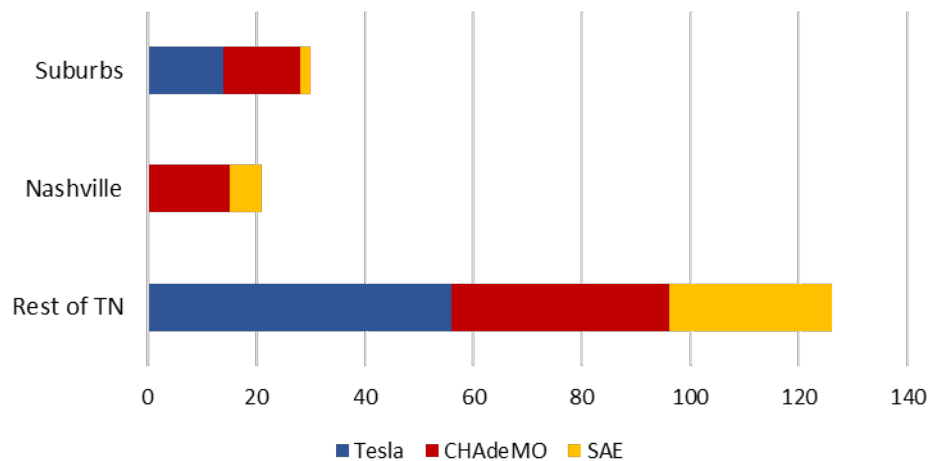
## EPA Rated Range of Top Selling BEVs in TN\*\*



## EPA Rated Range of Top Selling PHEVs in TN\*\*



## DC Fast Charging Outlets in TN



## Did You Know?

A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and temperature affect battery range.

## Range Depletion Dependent on Driving and Weather Conditions

