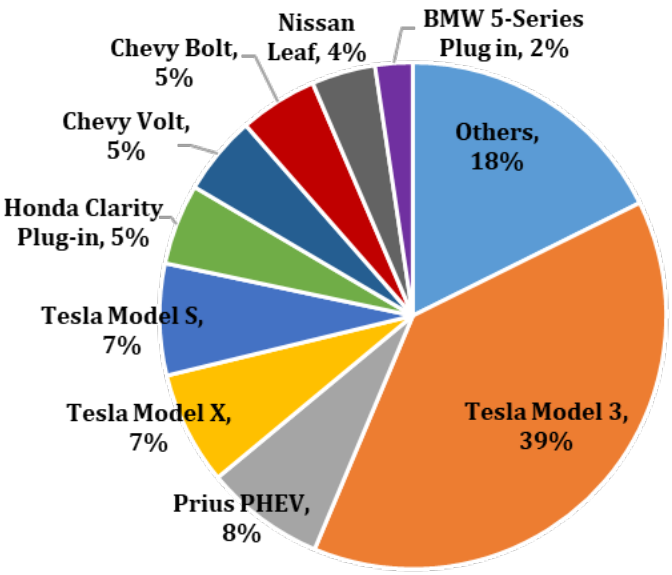
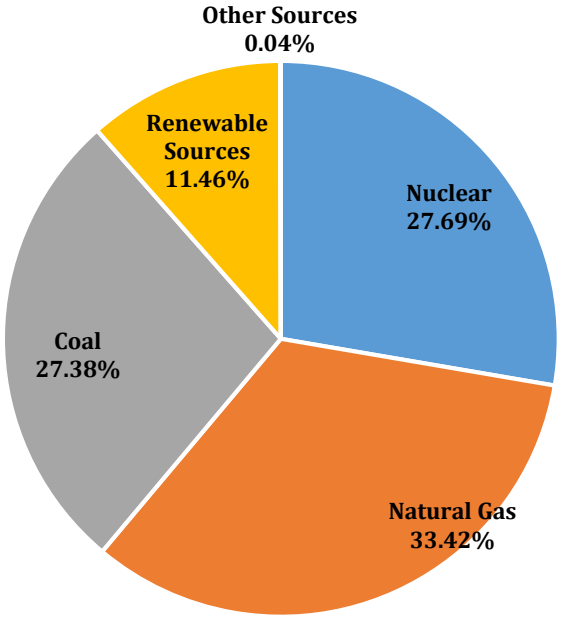
Arizona EV Fact Sheet
Arizona EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



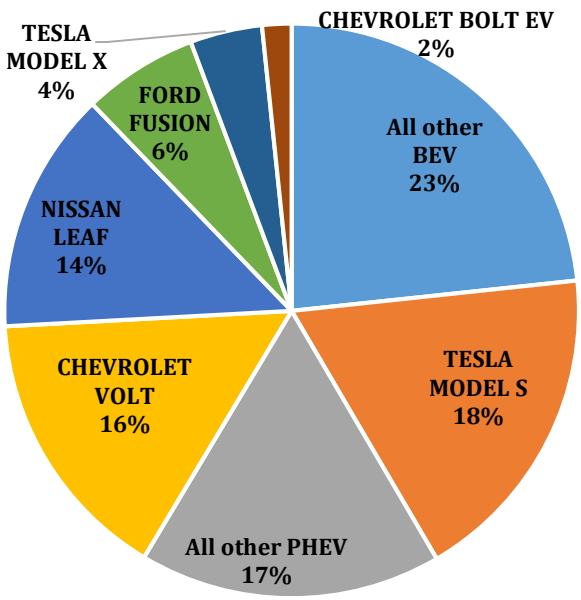
Avg. Price for Gallon of Gasoline in AZ:	Avg. Price of Electric Equivalent Gallon in AZ:
$3.06	**$1.16**

2018 AZ Electricty Generation Source



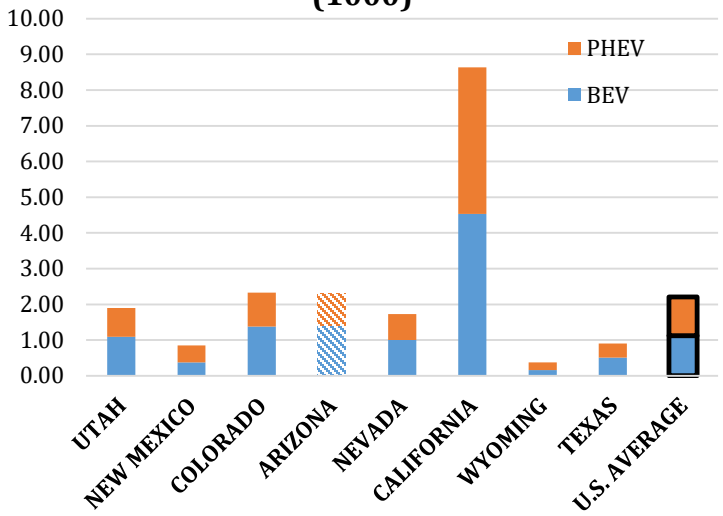
*Renewables (Wind, Solar, Biomass, and Hydro) make up 11.46% of Arizona's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Arizona Leading PEV 2017 Registrations

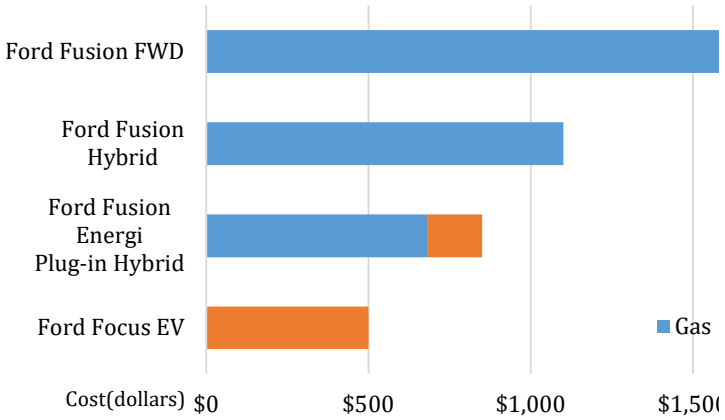


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

Arizona PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, AZ averages of gasoline price of $3.06/gallon and $0.11/kWh of electricity

AZ Share of Total U.S. PEVs

2.24%

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

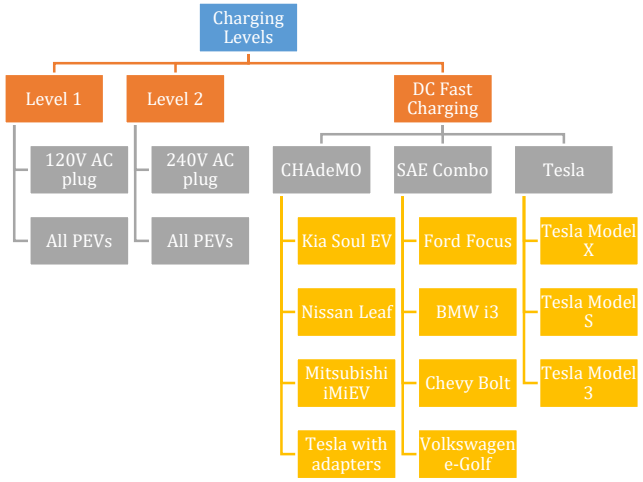
Argonne NATIONAL LABORATORY

Arizona Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

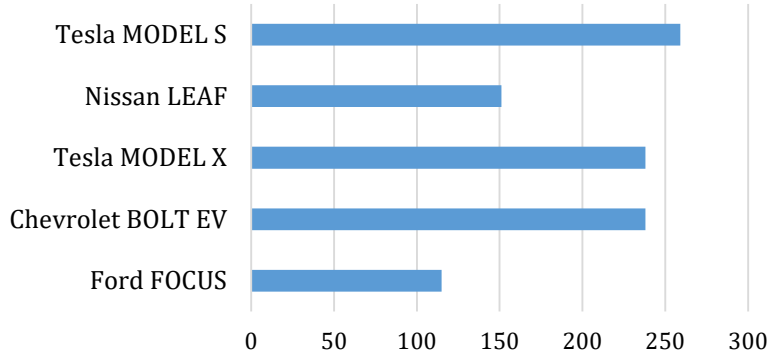
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

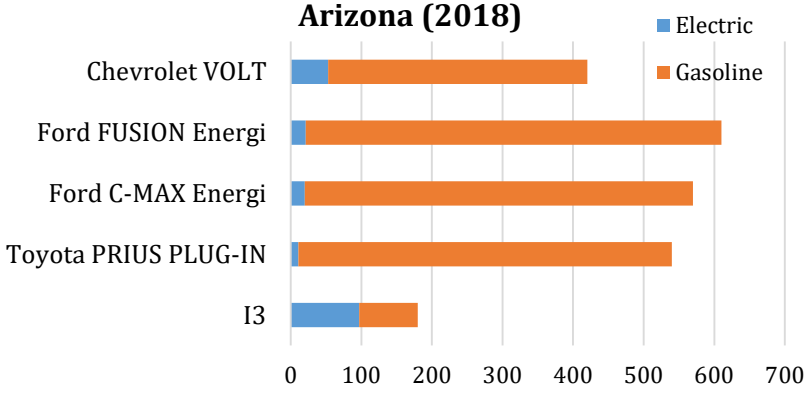


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Arizona (2018)

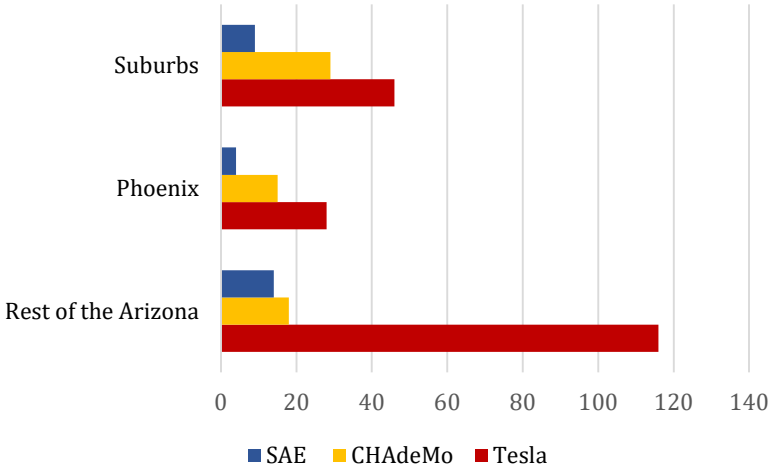


EPA Rated Range of Top Selling PHEV in Arizona (2018)



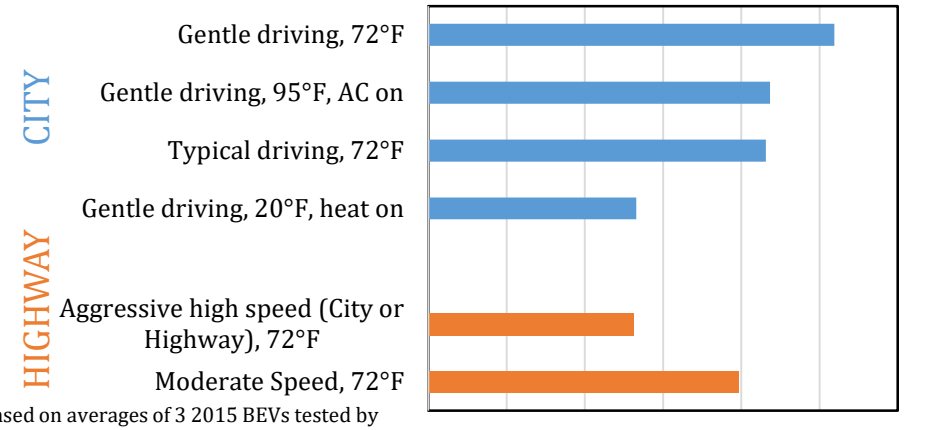
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Arizona



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

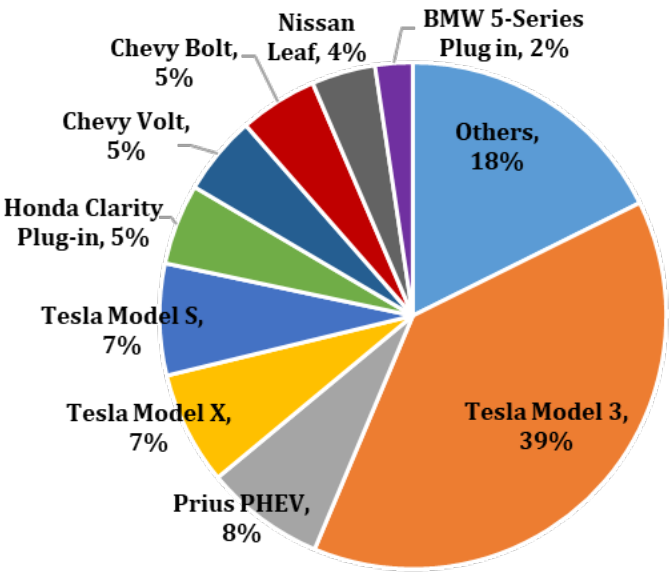


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

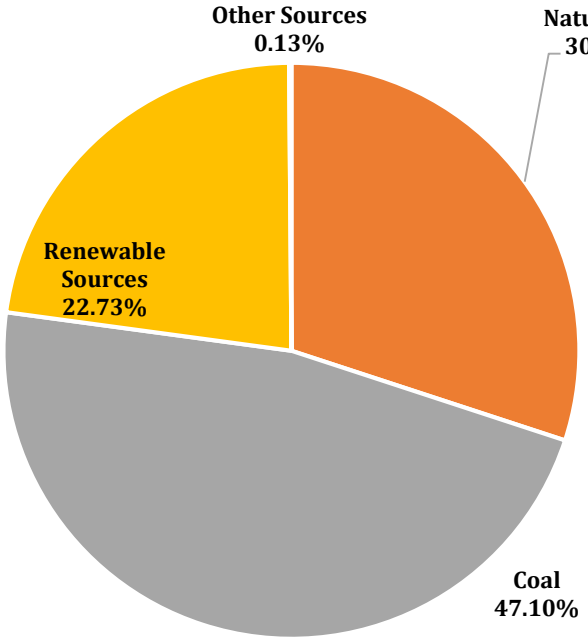
Colorado EV Fact Sheet
Colorado EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



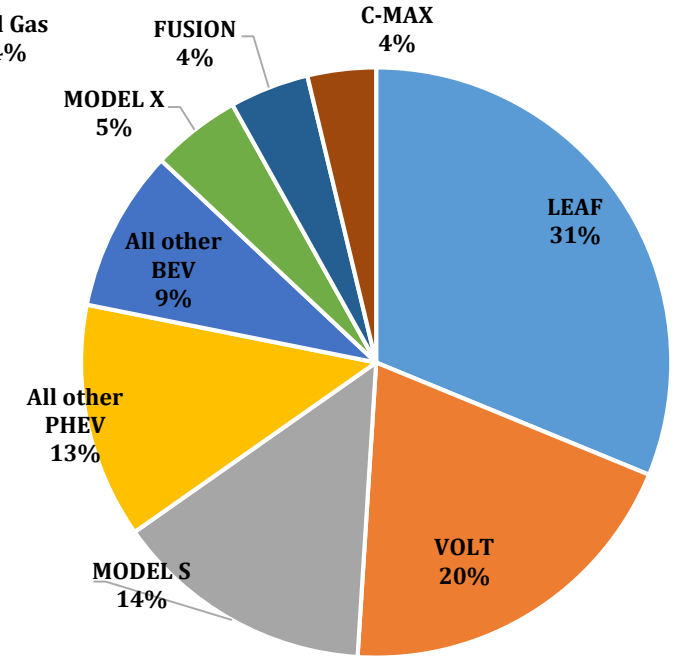
Avg. Price for Gallon of Gasoline in CO:	Avg. Price of Electric Equivalent Gallon in CO:
$2.69	**$1.16**

2018 CO Electricty Generation Source



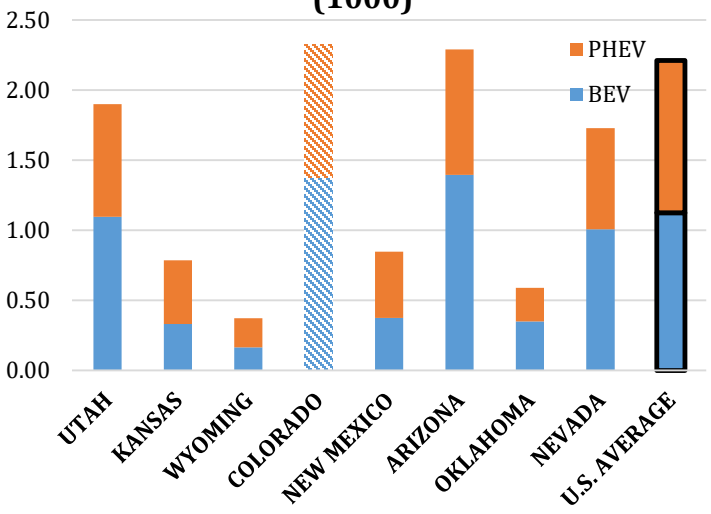
*Renewables (Wind, Solar, Biomass, and Hydro) make up 22.73% of Colorado's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Colorado Leading PEV 2017 Registrations

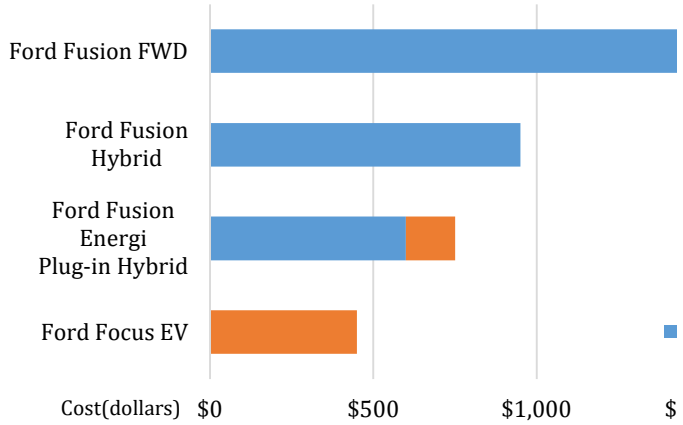


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

West PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, CO averages of gasoline price of $2.69/gallon and $0.10/kWh of electricity

CO Share of Total U.S. PEVs
1.82%

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

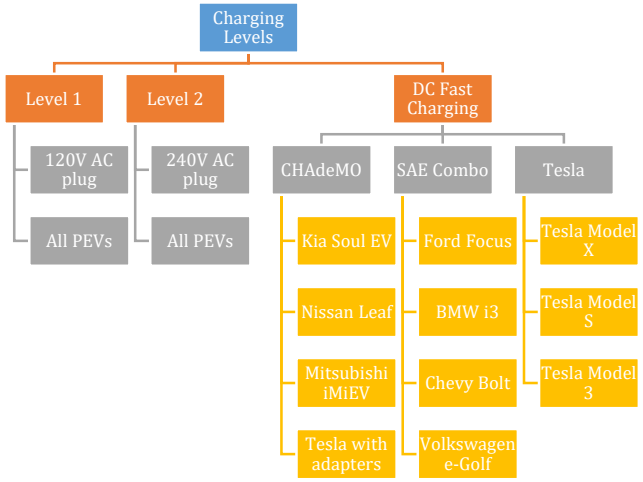
Argonne NATIONAL LABORATORY

Colorado Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

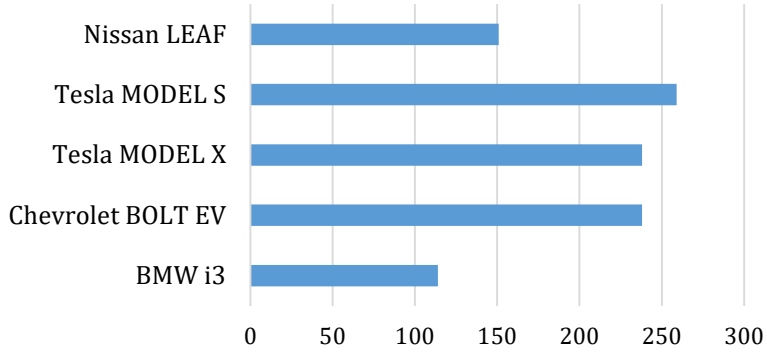
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

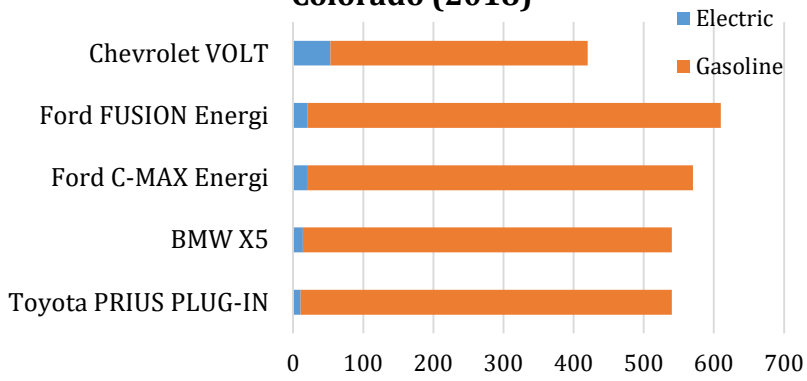


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Colorado (2018)

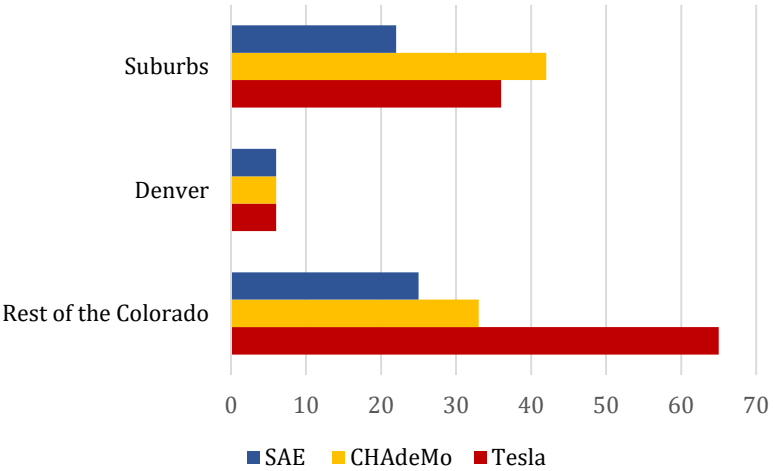


EPA Rated Range of Top Selling PHEV in Colorado (2018)



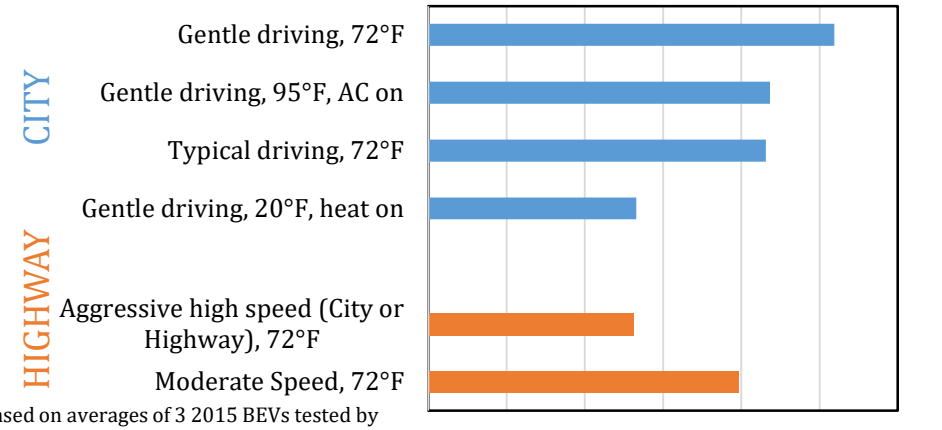
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Colorado



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

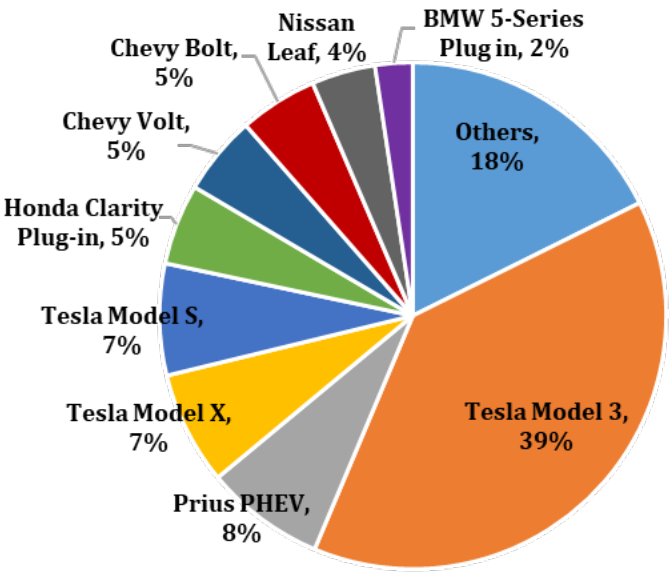


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

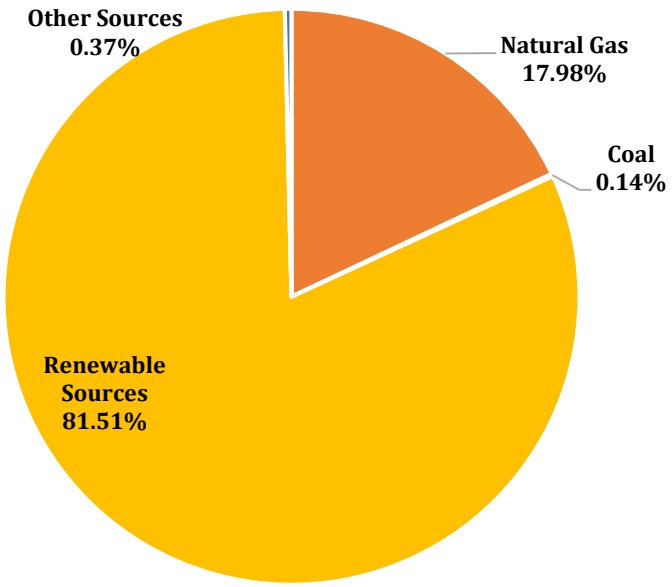
Idaho EV Fact Sheet
Idaho EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



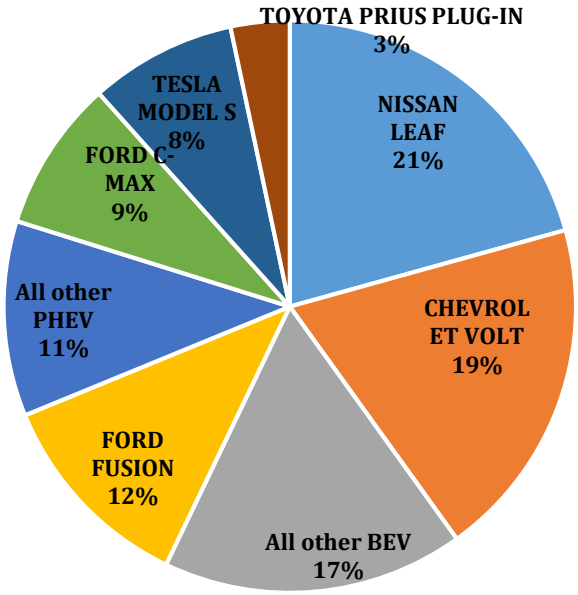
Avg. Price for Gallon of Gasoline in ID:	Avg. Price of Electric Equivalent Gallon in ID:
$2.71	**$0.96**

2018 ID Electricty Generation Source



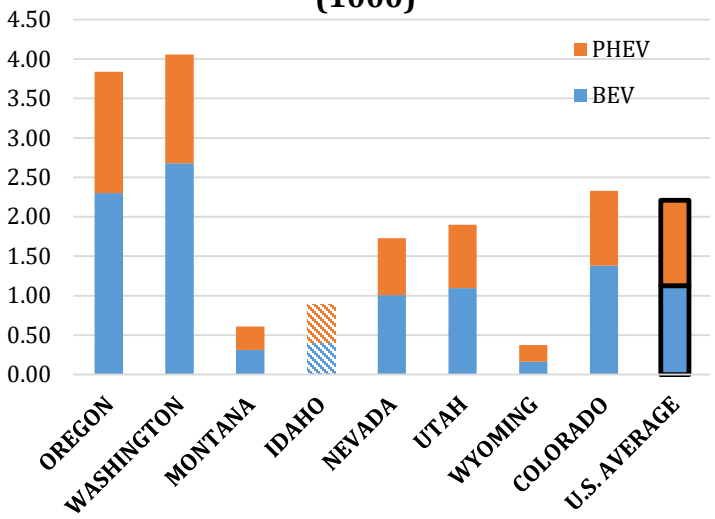
*Renewables (Wind, Solar, Biomass, and Hydro) make up 81.51% of Idaho's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Idaho Leading PEV 2017 Registrations

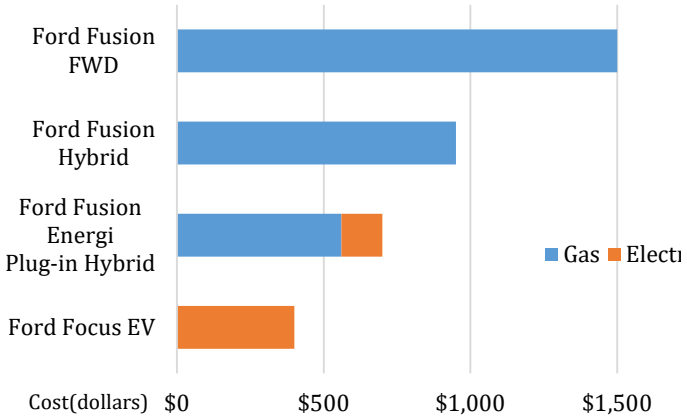


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

West PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, ID averages of gasoline price of $2.71/gallon and $0.08/kWh of electricity

ID Share of Total U.S. PEVs

0.21%

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

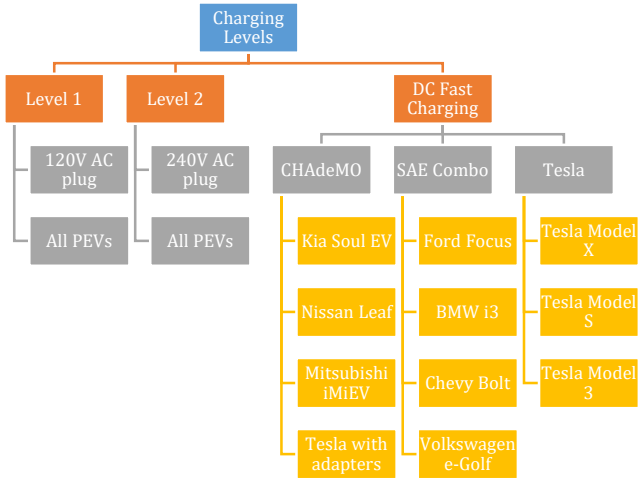
Argonne NATIONAL LABORATORY

Idaho Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

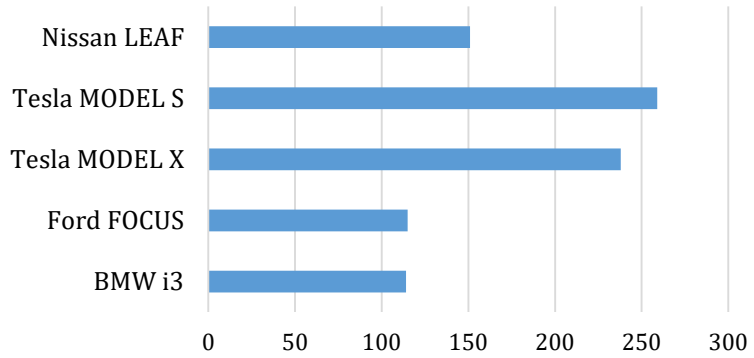
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

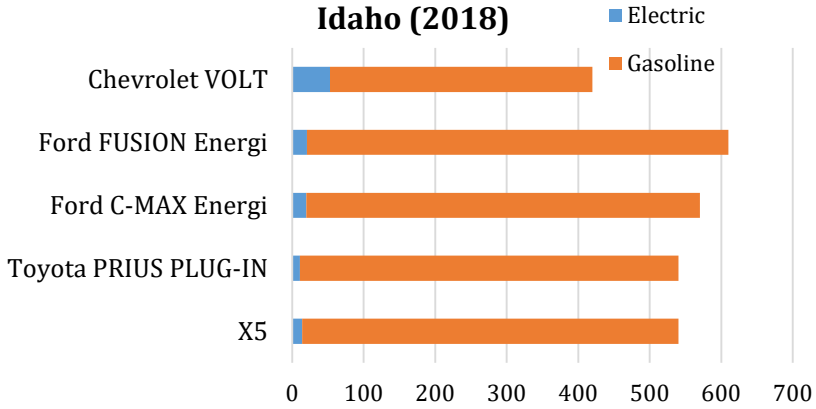


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

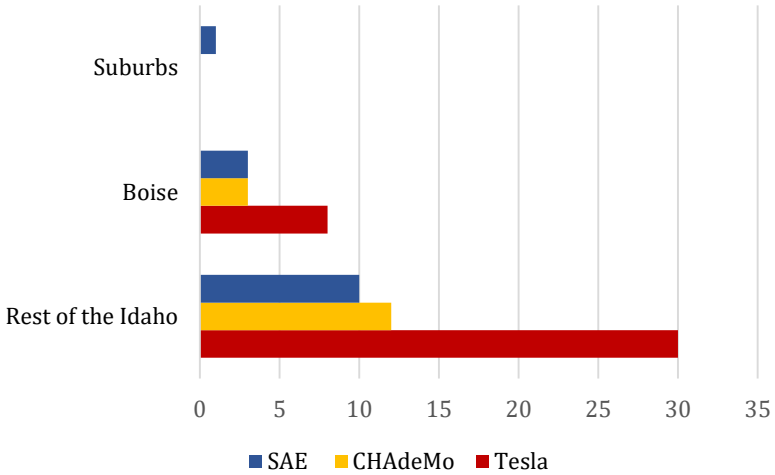
EPA Rated Range of Top Selling BEV in Idaho (2018)



EPA Rated Range of Top Selling PHEV in Idaho (2018)



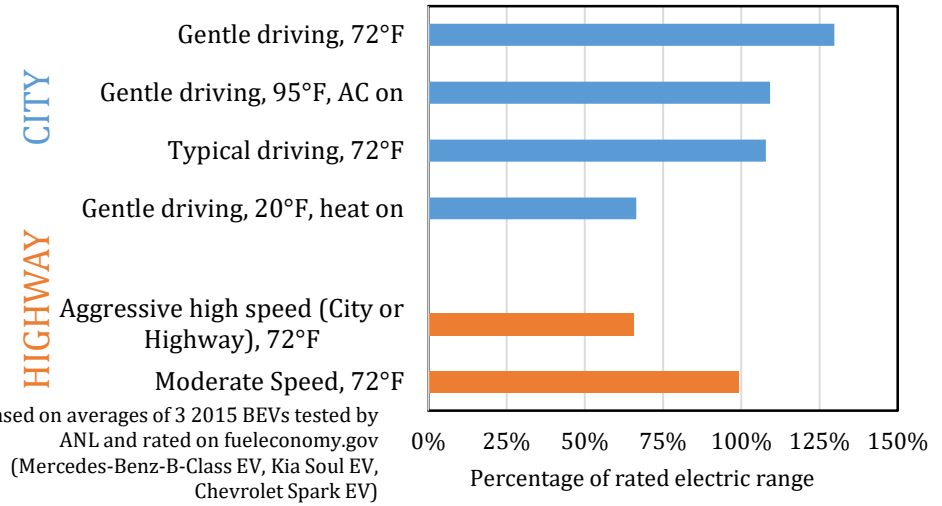
DC Fast Chargers in Idaho



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

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

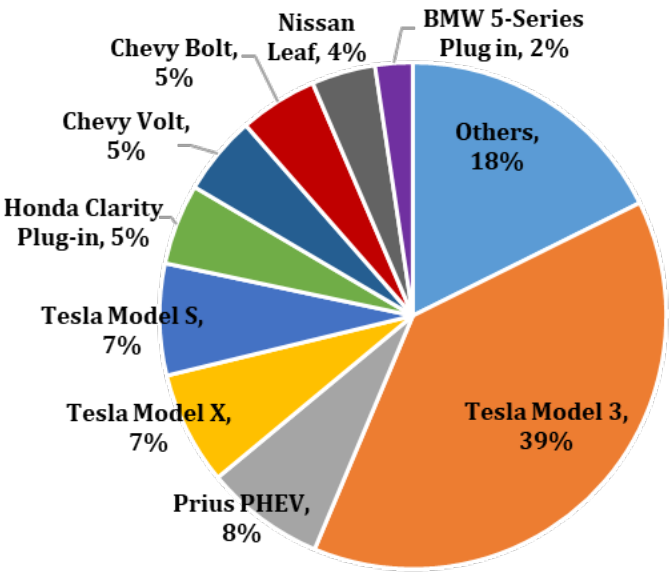


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

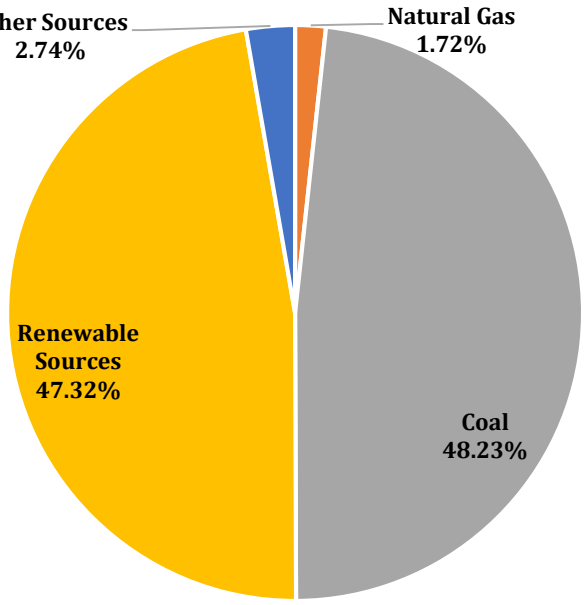
Montana EV Fact Sheet
Montana EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



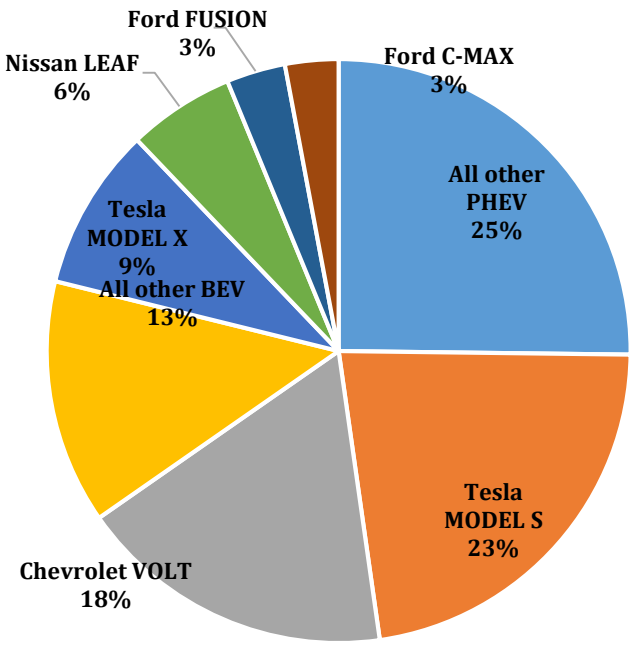
Avg. Price for Gallon of Gasoline in MT:	Avg. Price of Electric Equivalent Gallon in MT:
$2.71	**$1.09**

2018 MT Electricty Generation Source



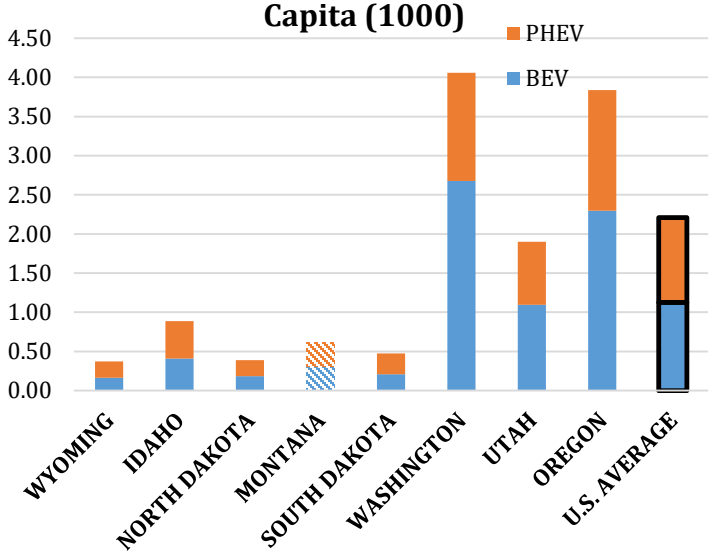
*Renewables (Wind, Solar, Biomass, and Hydro) make up 47.32% of Montana's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Montana Leading PEV 2017 Registrations

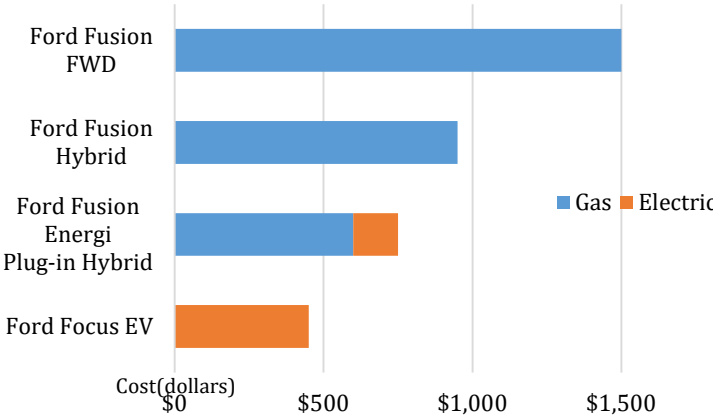


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

Northwest PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, MT averages of gasoline price of $2.71/gallon and $0.09/kWh of electricity

MT Share of Total U.S. PEVs
0.09%

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

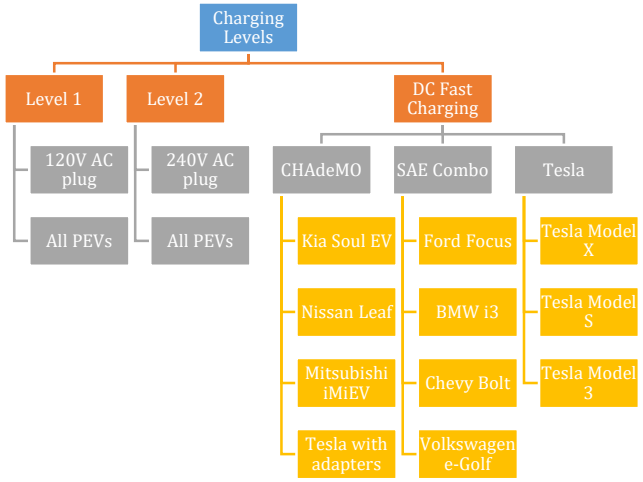
Argonne NATIONAL LABORATORY

Montana Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

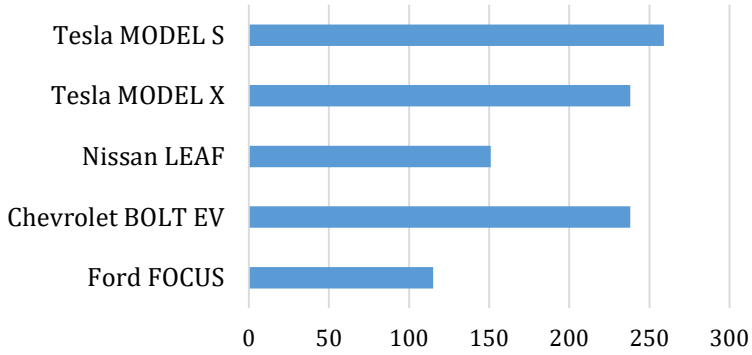
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

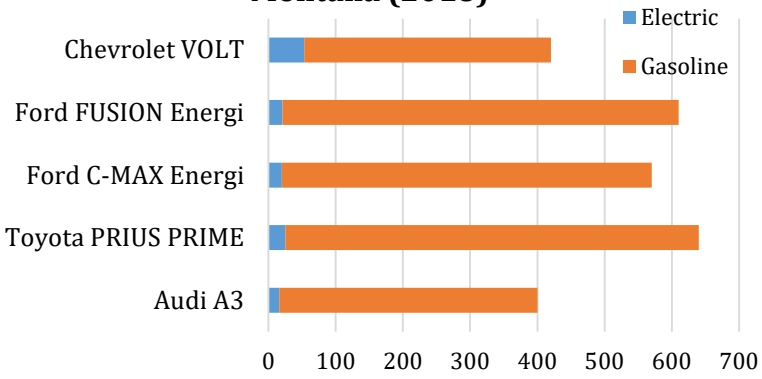


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Montana (2018)

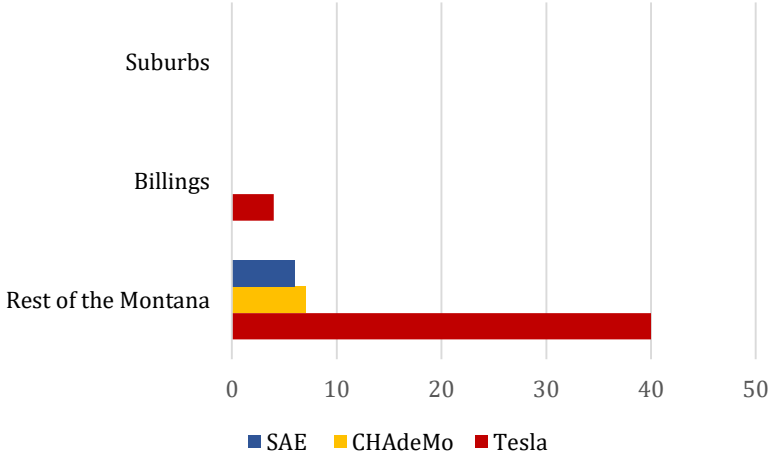


EPA Rated Range of Top Selling PHEV in Montana (2018)



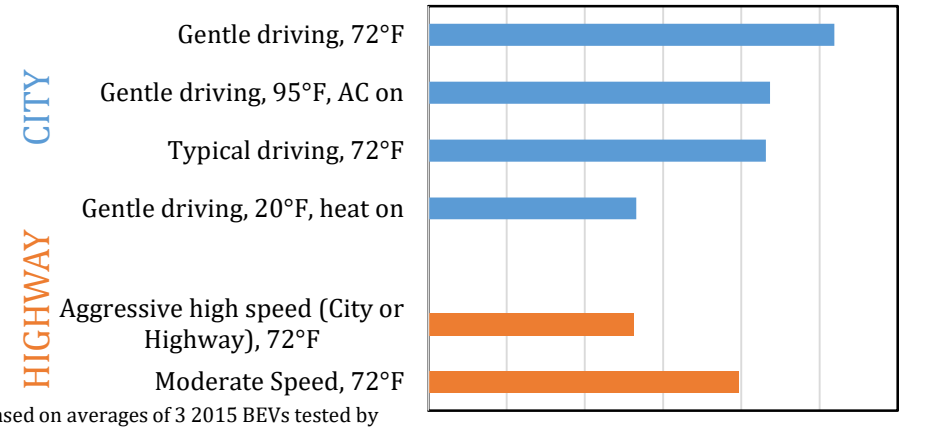
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Montana



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

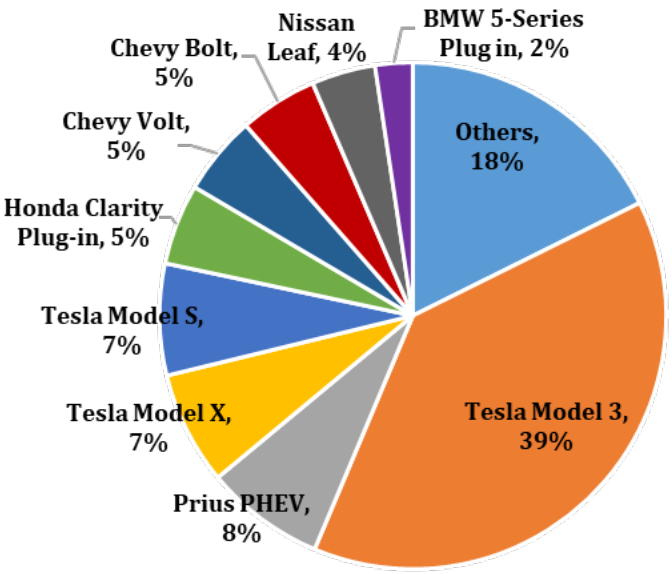


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

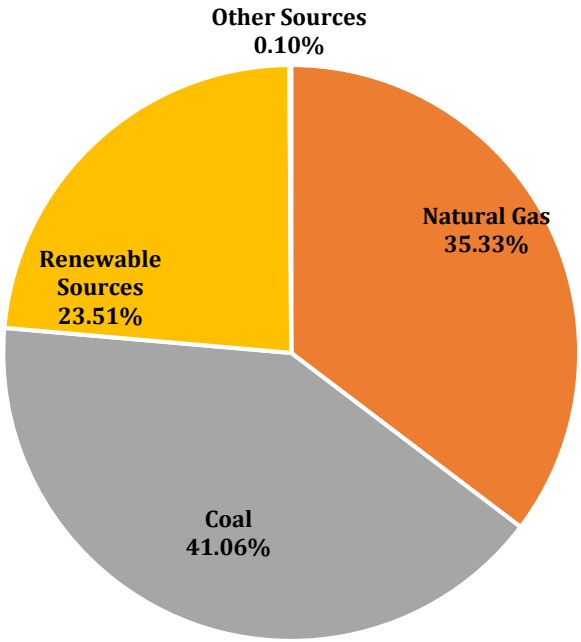
New Mexico EV Fact Sheet
New Mexico EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



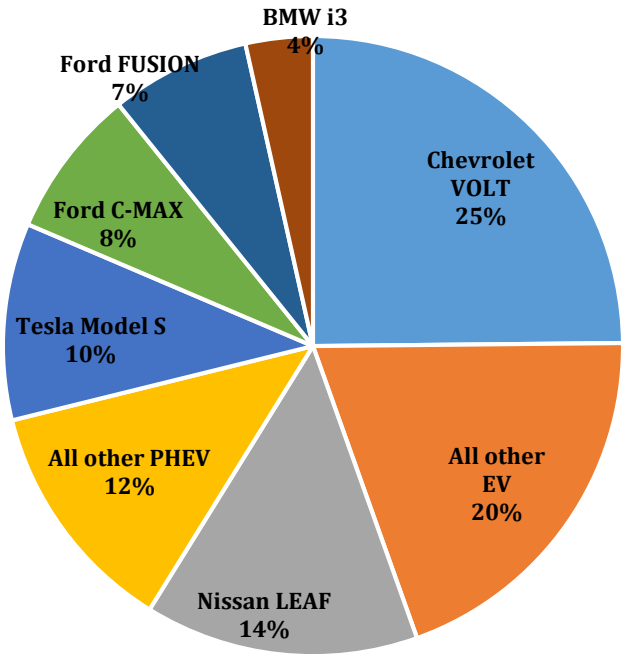
Avg. Price for Gallon of Gasoline in NM:	Avg. Price of Electric Equivalent Gallon in NM:
$2.28	**$1.18**

2018 NM Electricty Generation Source



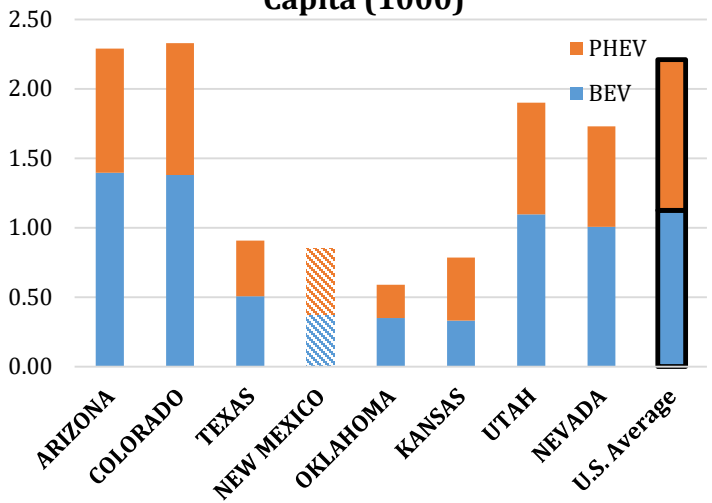
*Renewables (Wind, Solar, Biomass, and Hydro) make up 23.51% of New Mexico's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

New Mexico Leading PEV 2017 Registrations

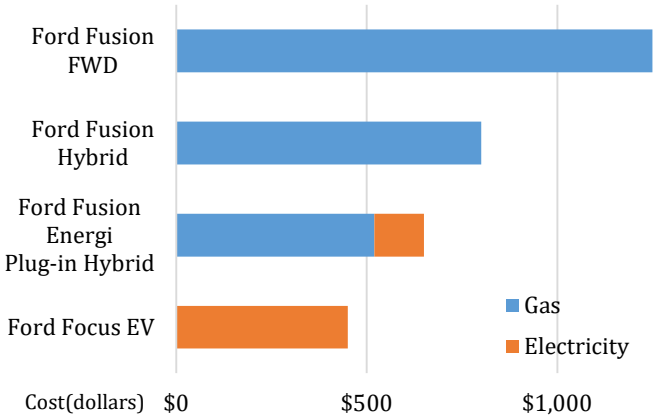


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

Southwest PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, NM averages of gasoline price of $2.28/gallon and $0.10/kWh of electricity

NM Share of Total U.S. PEVs

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

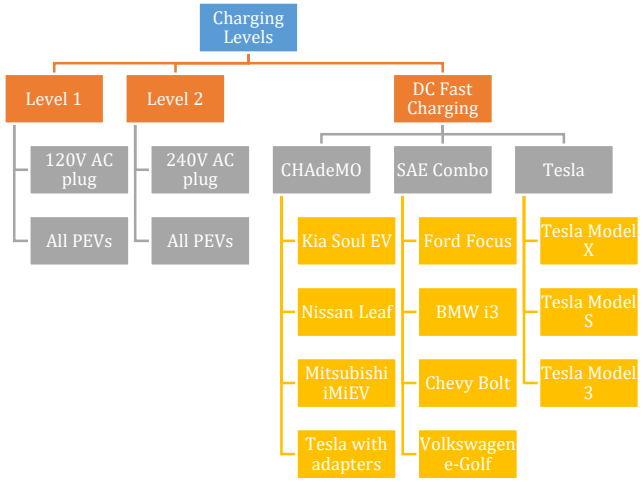
Argonne NATIONAL LABORATORY

New Mexico Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

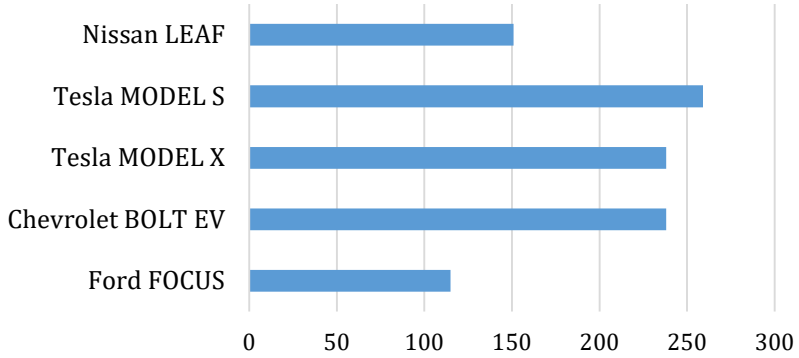
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

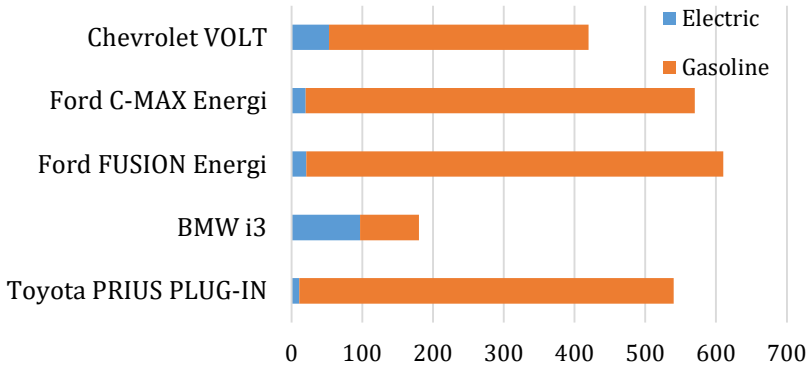


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in New Mexico (2018)

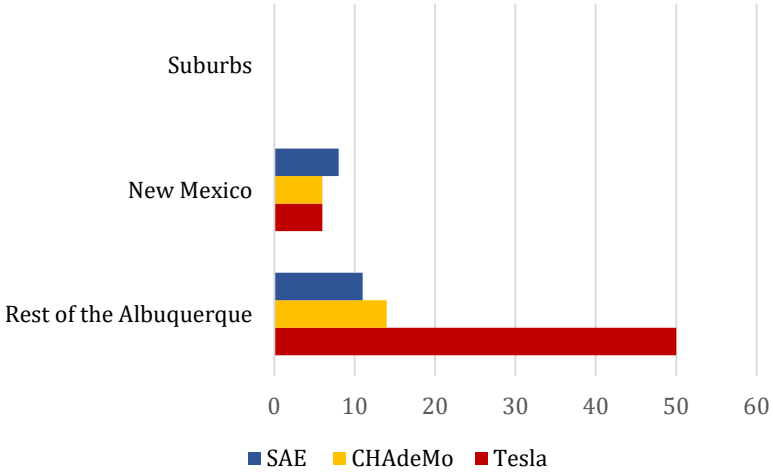


EPA Rated Range of Top Selling PHEV in New Mexico (2018)



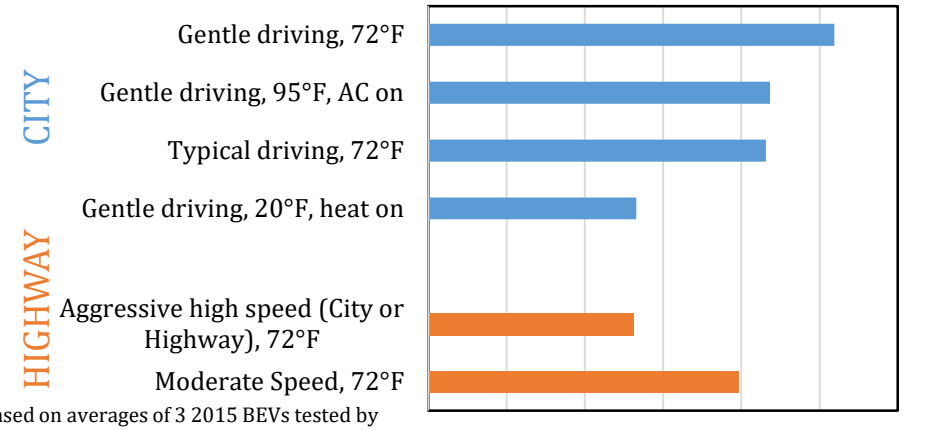
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in New Mexico



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

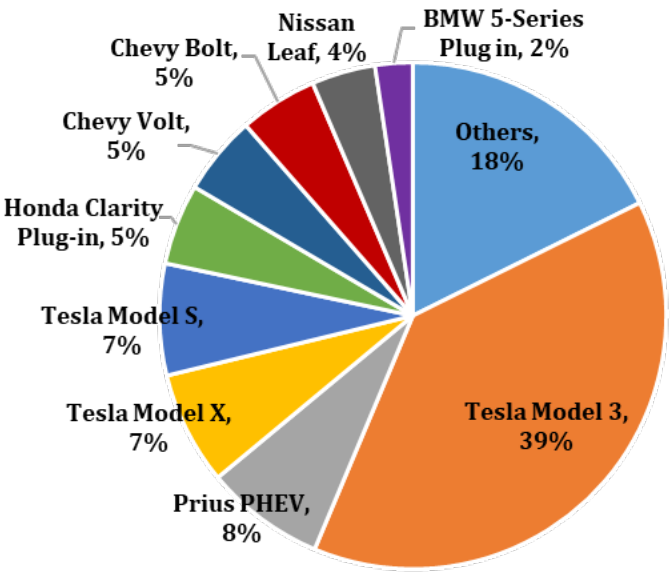


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

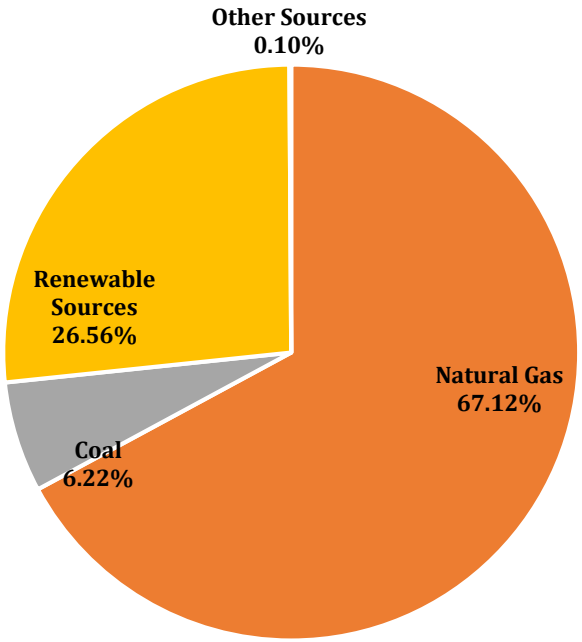
Nevada EV Fact Sheet
Nevada EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



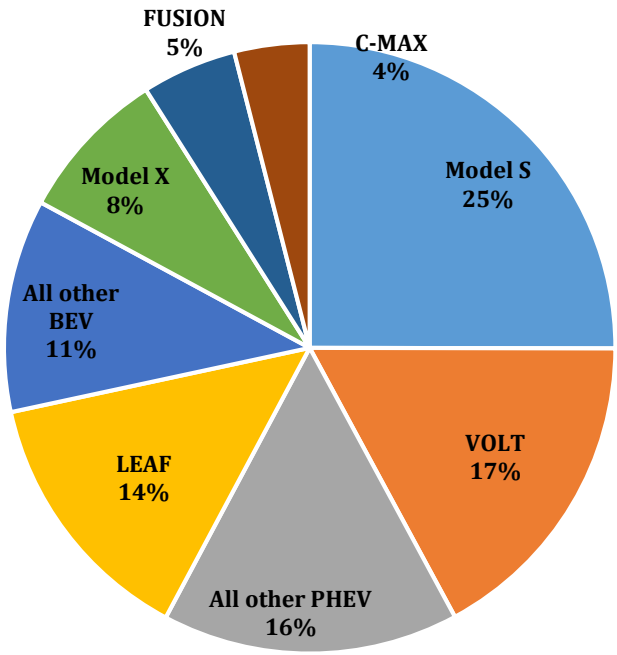
Avg. Price for Gallon of Gasoline in NV:	Avg. Price of Electric Equivalent Gallon in NV:
$3.15	**$1.08**

2018 NV Electricty Generation Source



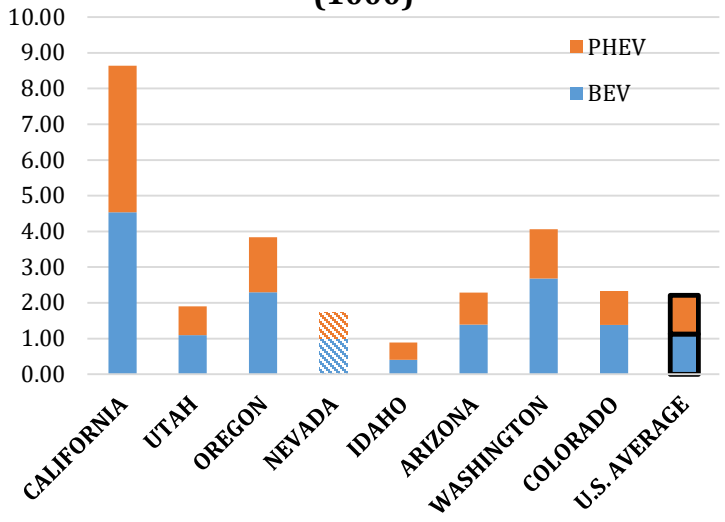
*Renewables (Wind, Solar, Biomass, and Hydro) make up 26.56% of Nevada's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Nevada Leading PEV 2017 Registrations

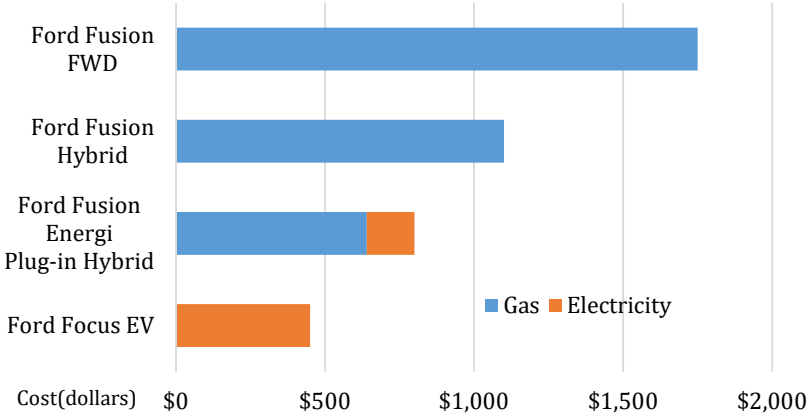


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

West PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, NV averages of gasoline price of $3.15/gallon and $0.09/kWh of electricity

NV Share of Total U.S. PEVs

0.72%

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

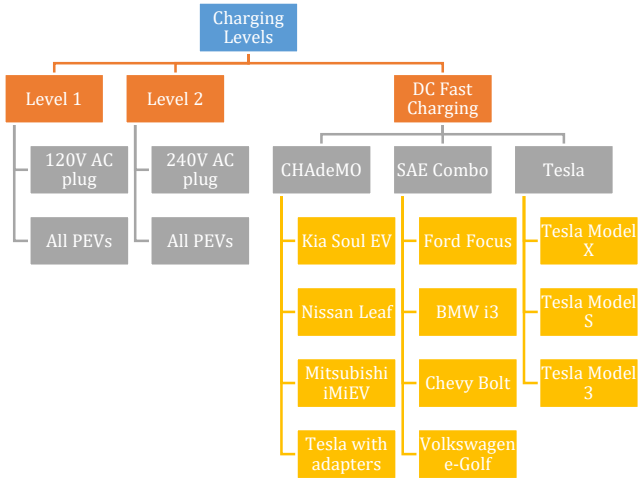
Argonne NATIONAL LABORATORY

Nevada Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

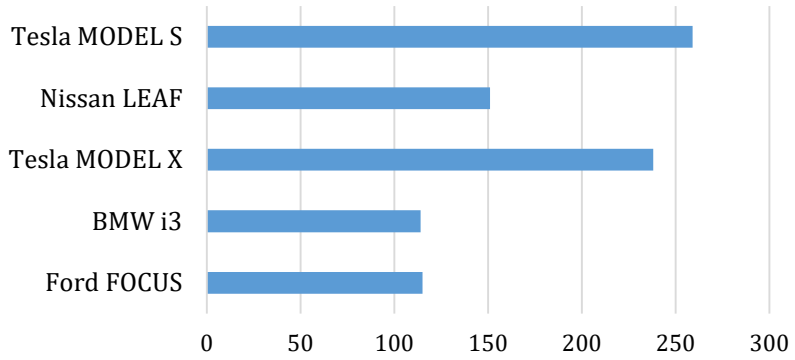
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

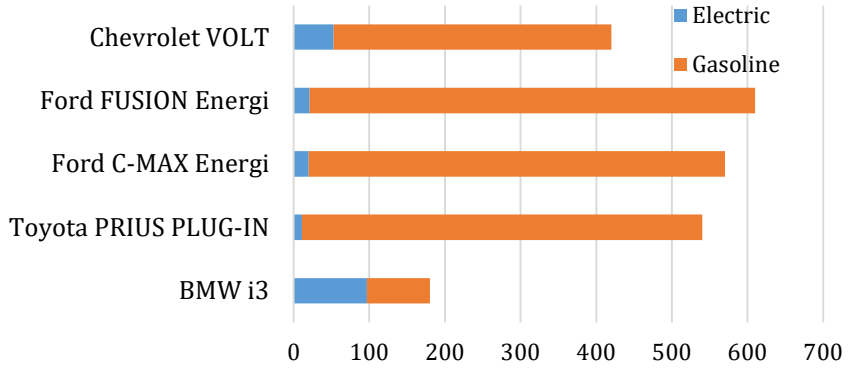


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Nevada (2018)

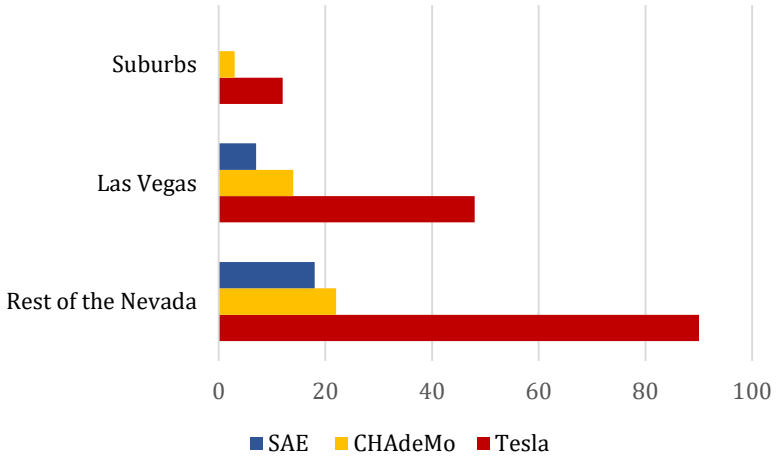


EPA Rated Range of Top Selling PHEV in Nevada (2018)



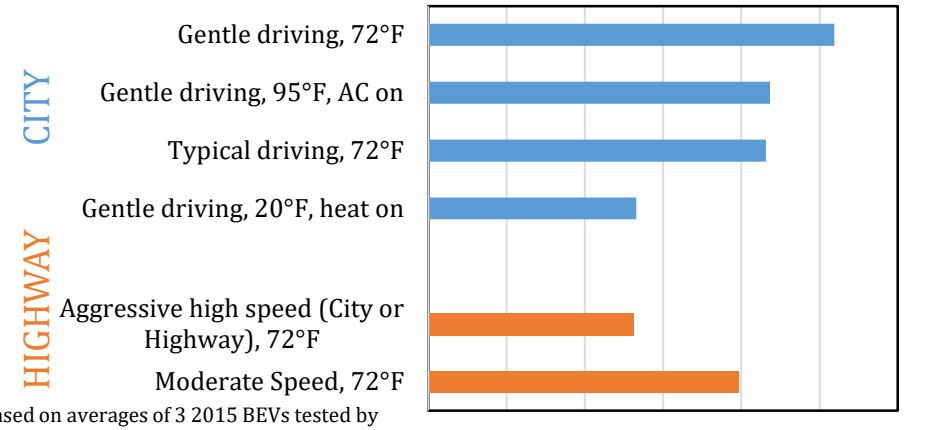
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Nevada



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

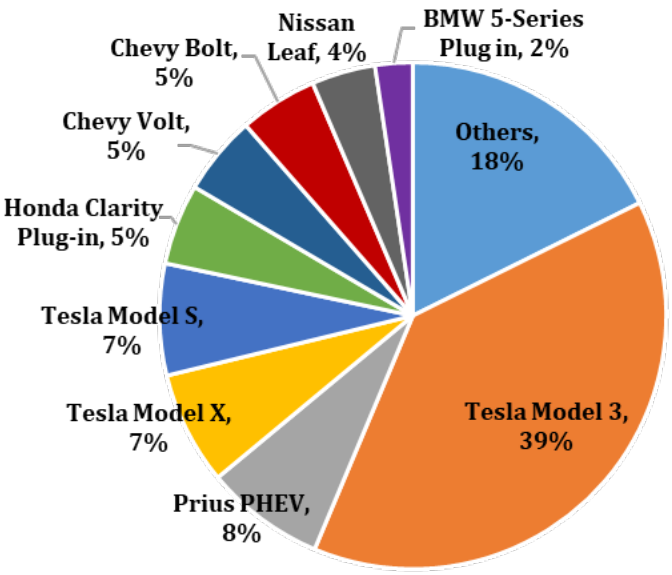


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

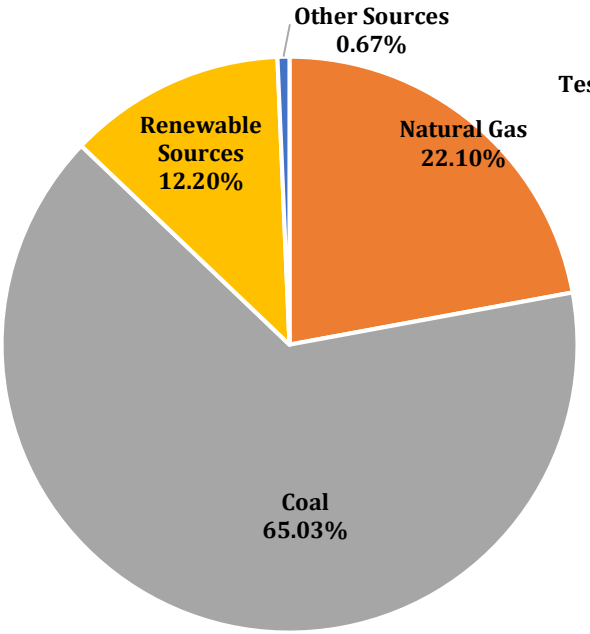
Utah EV Fact Sheet
Utah EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



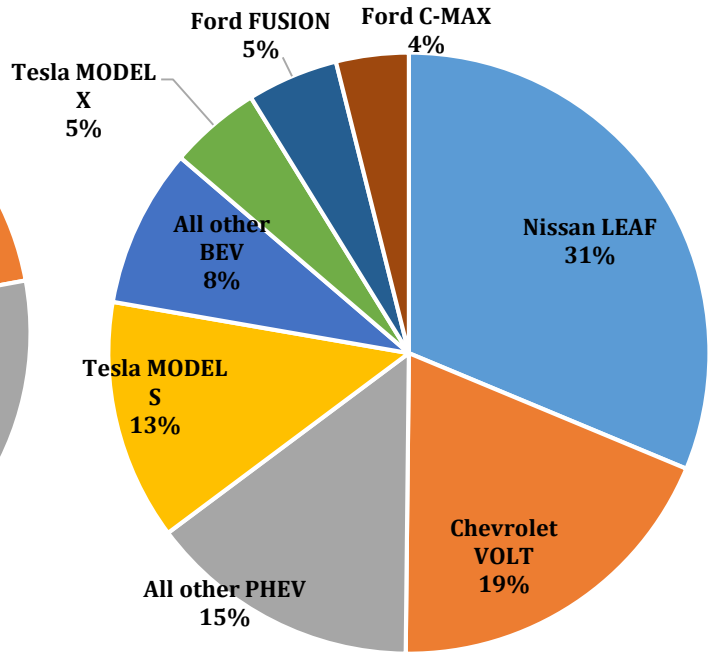
Avg. Price for Gallon of Gasoline in UT:	Avg. Price of Electric Equivalent Gallon in UT:
$2.71	**$1.01**

2018 UT Electricty Generation Source



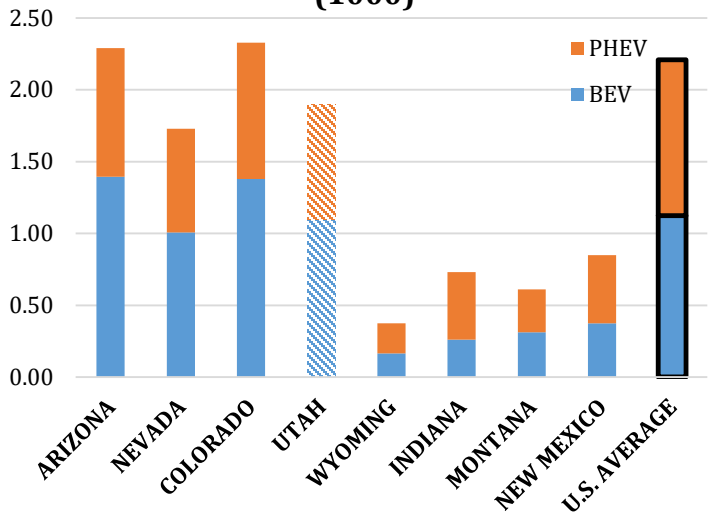
*Renewables (Wind, Solar, Biomass, and Hydro) make up 12.2% of Utah's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Utah Leading PEV 2017 Registrations

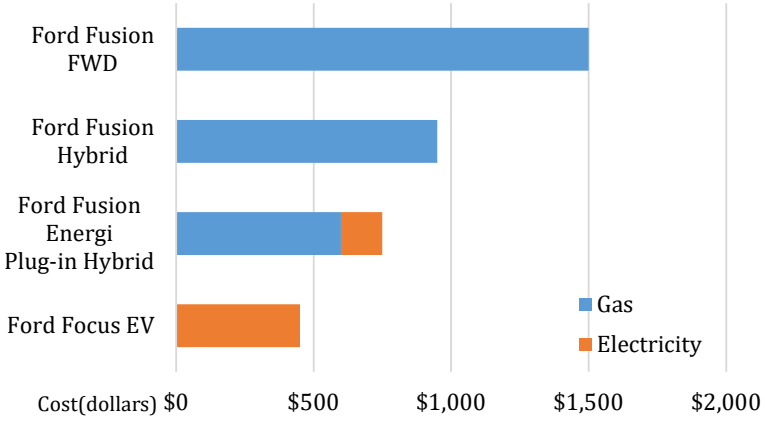


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

West PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, UT averages of gasoline price of $2.71/gallon and $0.09/kWh of electricity

UT Share of Total U.S. PEVs
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

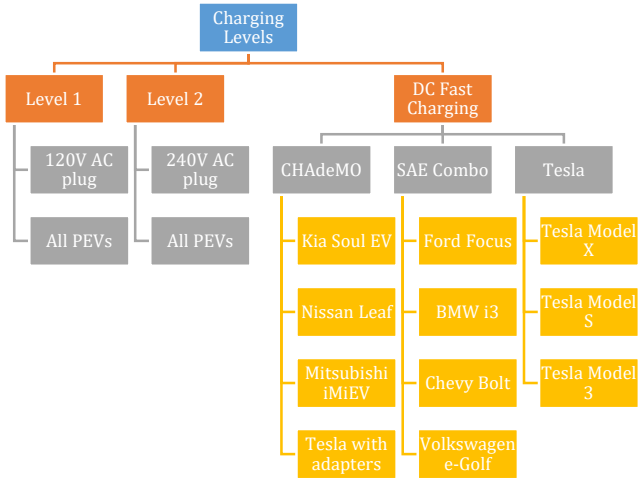
Argonne NATIONAL LABORATORY

Utah Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

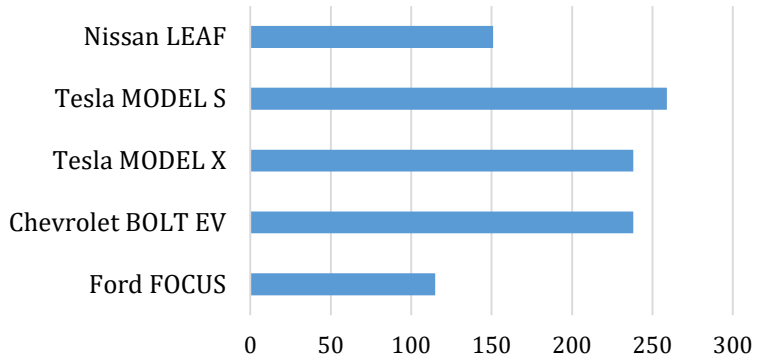
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

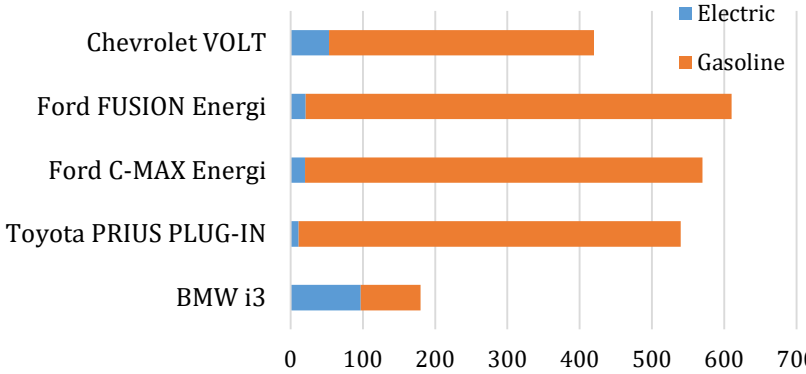


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Utah (2018)

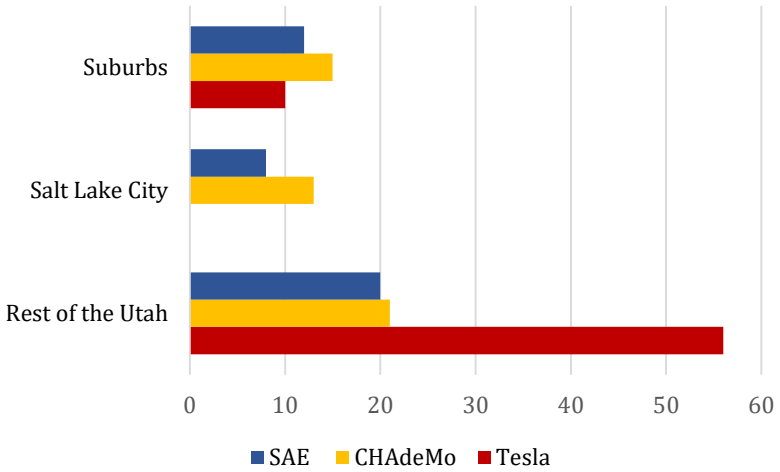


EPA Rated Range of Top Selling PHEV in Utah (2018)



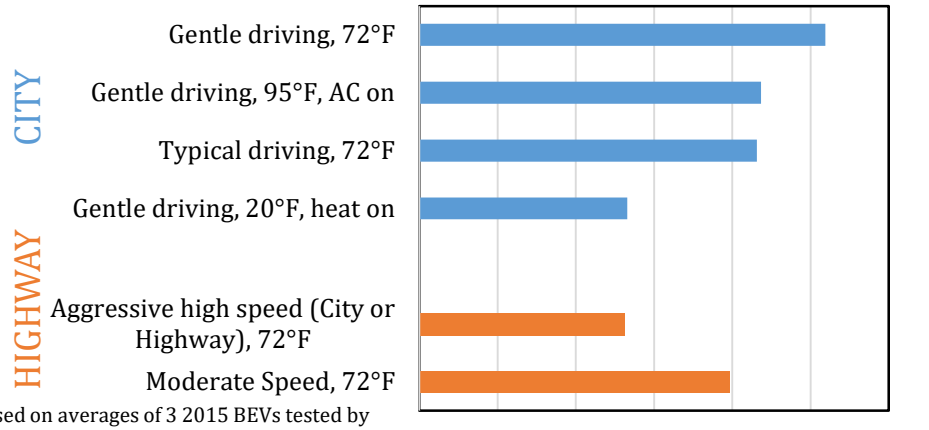
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Utah



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

Range Depletion Dependent on Driving and Weather Conditions

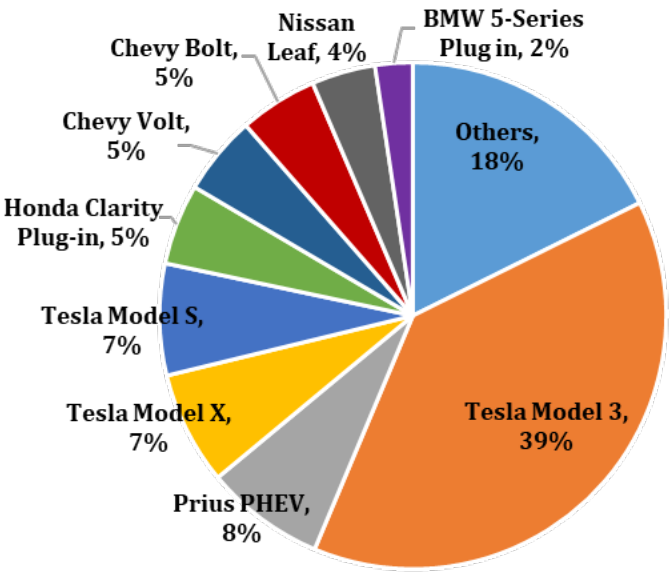


*based on averages of 3 2015 BEVs tested by ANL and rated on fueleconomy.gov (Mercedes-Benz-B-Class EV, Kia Soul EV, Chevrolet Spark EV)

Updated October 2019

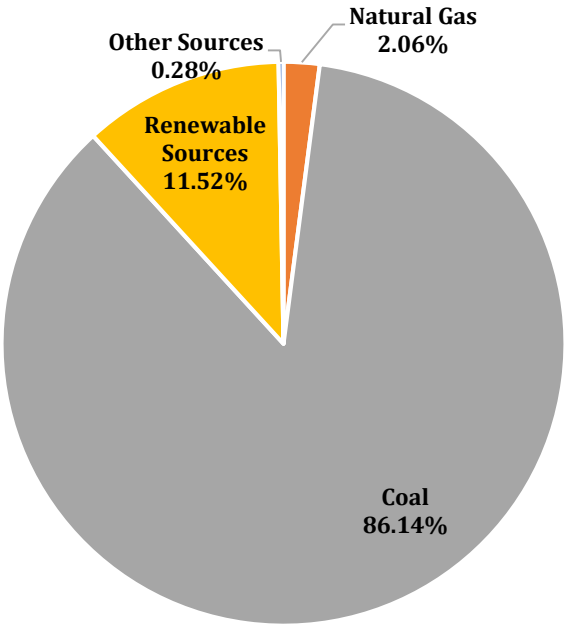
Wyoming EV Fact Sheet
Wyoming EV Fact Sheet

2018 National Sales of Leading BEVs and PHEVs



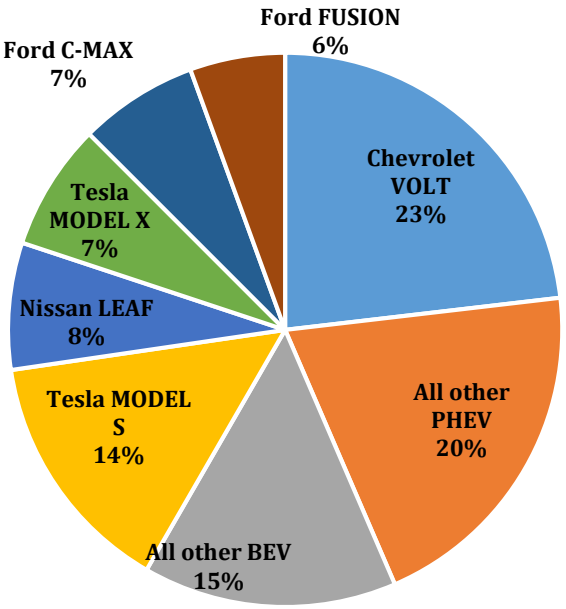
Avg. Price for Gallon of Gasoline in WY:	Avg. Price of Electric Equivalent Gallon in WY:
$2.71	**$1.08**

2018 WY Electricty Generation Source



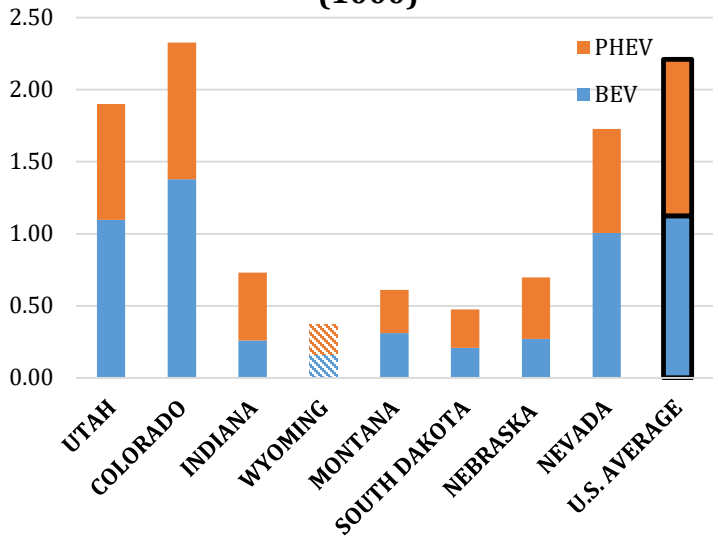
*Renewables (Wind, Solar, Biomass, and Hydro) make up 11.52% of Wyoming's source for electricity.
~Other Sources includes Oil and Other Miscellaneous Sources
https://www.afdc.energy.gov/vehicles/electric_emissions.php
(Accessed October 2019)

Wyoming Leading PEV 2017 Registrations

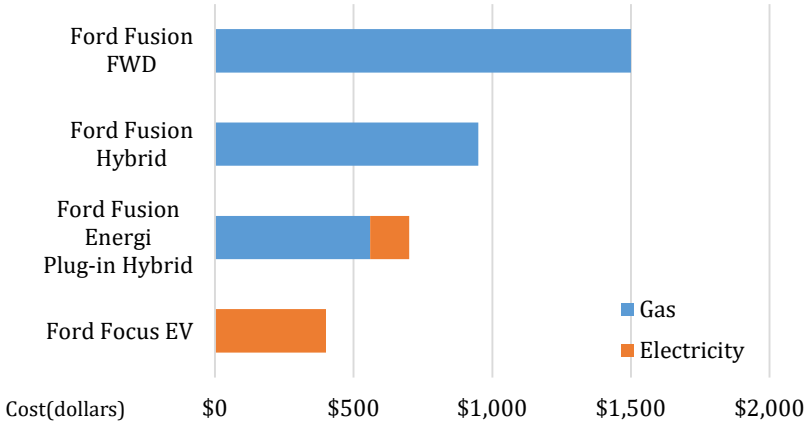


Check model availability on AFDC. Note availability varies by state.
https://www.afdc.energy.gov/states/

West PEV Registrations per Capita (1000)



Annual Fuel Cost*



*based on 15,000 miles/year, WY averages of gasoline price of $2.71/gallon and $0.08/kWh of electricity

WY Share of Total U.S. PEVs
0.03%

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

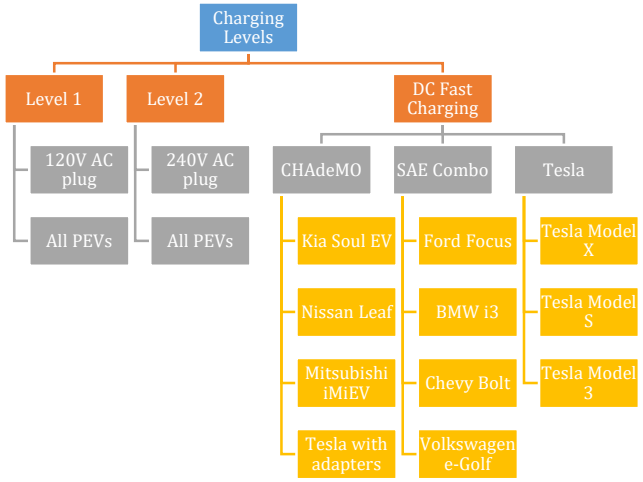
Argonne NATIONAL LABORATORY

Wyoming Electric Vehicles Fact Sheet

Charging Your Electric Vehicle:
There are three different levels of charging:

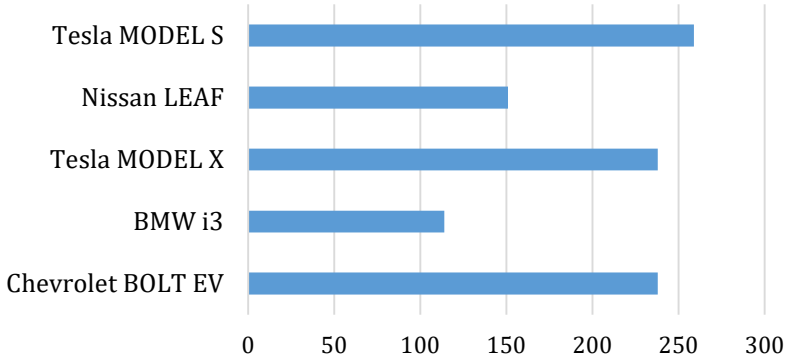
- AC Level 1: This provides 120 volts of charging, typically found in a home outlet. Overnight charging can replenish an entire PHEV battery, but not all BEV batteries.
- AC Level 2: This level provides 240 volts, about 10-20 miles of range per hour of charging. This can be installed for home charging, 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. Adapter is available for Tesla Model S and Model X to use the CHAdeMO chargers.

Charging Levels and Types

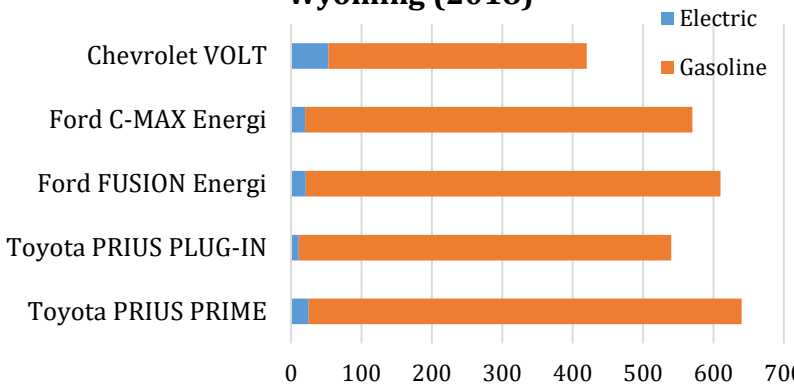


* BMW i3Rex and Outlander PHEV are the only two PHEV to be able fast charged

EPA Rated Range of Top Selling BEV in Wyoming (2018)

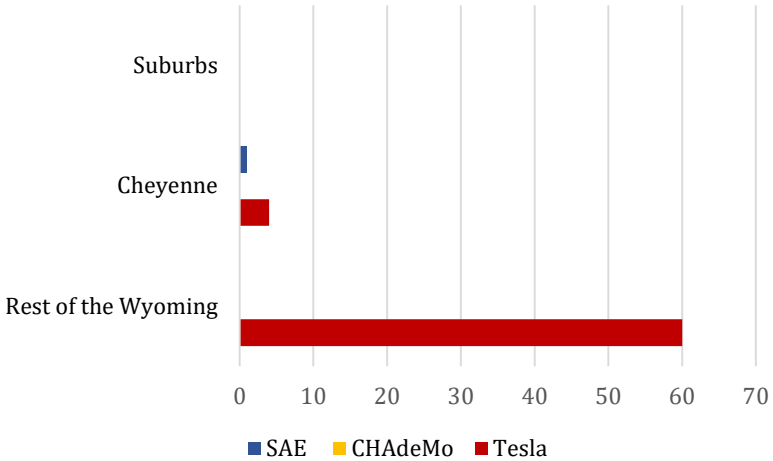


EPA Rated Range of Top Selling PHEV in Wyoming (2018)



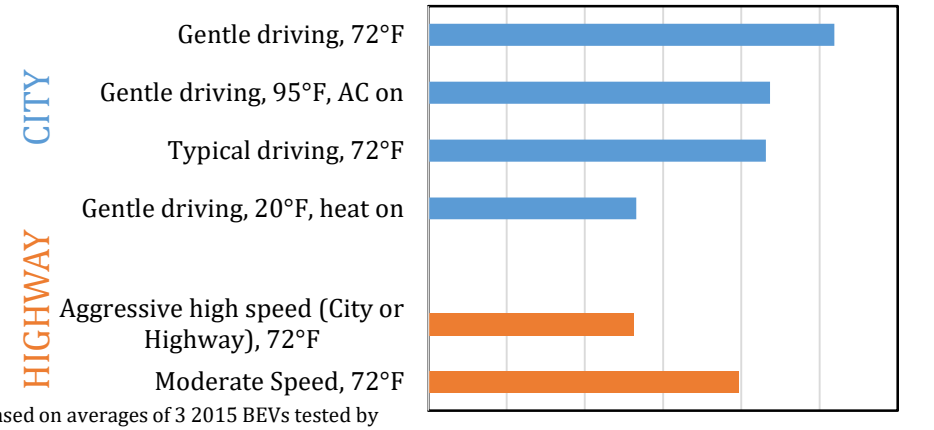
Did You Know?
A full charge can give PHEVs up to 100 miles of electric range and BEVs up to 300 miles of range, depending on the model. These distances can change depending on factors like weather, driving conditions, and driving habits. See on the right how varying your speed, driving behavior, and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

DC Fast Chargers in Wyoming



Note: A station with both CHAdeMO and SAE availability is assumed to have half CHAdeMO and half SAE (if total # of chargers is an odd number, CHAdeMO is assumed to be one more than SAE)

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)

Updated October 2019