



BUILDING ELECTRIC VEHICLES | VOCABULARY

- electric vehicle* a vehicle that runs on electricity stored in batteries or other energy storage devices, rather than gasoline or diesel fuel
- battery* a device that stores electrical energy and can release it as needed to power an electric vehicle
- charging station* a place where electric vehicles can be plugged in to recharge their batteries
- range* the distance an electric vehicle can travel on a single charge before needing to be recharged
- PHEV* a plug-in hybrid electric vehicle that has both an electric motor and a gasoline engine, and can be plugged in to charge the battery
- HEV* a hybrid electric vehicle that combines a conventional internal combustion engine (powered by gasoline or diesel) with an electric propulsion system. The electric system assists the engine to improve fuel efficiency and reduce emissions
- BEV* a battery electric vehicle that is powered solely by electricity stored in batteries. BEVs do not have an internal combustion engine and produce zero tailpipe emissions

