

Marbletown's Electric Vehicle (EV) Charging Station

Frequently Asked Questions

Q: Where is the charging station? 3562 Main Street, Stone Ridge, NY 12484.

The station is on the Northwest corner of the Marbletown Community Center Annex Building, near the exit of the Community Center parking lot at 3562 Main St in Stone Ridge across from Key Bank.

Q. Why does Marbletown provide free charging to electric vehicles?

Free charging serves a number of public purposes. It attracts tourism to the town, helping local businesses. It encourages the adoption of electric vehicles, which do less damage to our climate and produce less pollution than conventional gas and diesel vehicles. Since electricity is mostly produced locally, it does more to help our economy than imported oil.

Q. Isn't this just a subsidy for the rich?

Electric vehicles are increasingly affordable, so EV drivers no longer fit the exclusive "rich" stereotype. EBay motors currently lists multiple used Nissan Leafs nearby with less than 50,000 miles for around \$10,000. Plug-in hybrid EVs (PHEVs) which combine limited electric range with a gas engine for long drives often cost less than comparable hybrid vehicles after NYS and federal subsidies are taken into account. Lower fuel costs and less maintenance than conventional vehicles makes them more affordable to own and conventional vehicles.

Q. Who paid/is paying for the station and electricity?

The charging station and electricity was paid for by a grant from NY state. The grant has a 20% match from Marbletown, but most of the match was in-kind contributions in the form of volunteer labor, donated materials and the use of the property. The grant was applied for and managed by volunteers on the Marbletown Environmental Conservation Commission (ECC).

Q: Do I need to register for an electric vehicle charging station network in order to use the station?

No registration is required. Just plug in your car.

Q: Can all types of electric vehicles use this station?

Our station is a level 2 station with a J1772 plug. Almost all electric vehicles manufactured today are compatible with this standard. Tesla vehicles require an adapter.

Q: How long does it take an electric vehicle to charge?

Our station is a 40A level 2 charging station, capable to charging two vehicles simultaneously at a rate of 9.6kW each. This translates to a rate of approximately 30-40 miles of range added per hour of charging, although many electric vehicles (especially Plug-In Hybrid Electric Vehicles (PHEVs) are not capable of taking advantage of the full charging capacity of the station. EVs with large battery packs can take 6-8 hours to fully charge.

Q: How long will charging be free? What will happen after that?

The grant specifies that charging be free for two years. After that, the town will consider if we will ask vehicle owners to pay, and how much. Using the pay feature requires a \$360 annual subscription fee, so depending on how much the charging station is used, it may be more economical for charging to remain free.

Q: How do EV drivers from out of town find the station?

The station is listed on PlugShare.com and the PlugShare App. It has been submitted to the U.S. Department of Energy's (DOE) Alternative Fuels Data Center.

Q: How many EVs are there in the area?

As of November 2016, there were 215 EVs and PHEVs in Ulster County, 5 in the 12484 area code (Stone Ridge), 2 in 12419 (Cottkill) and 6 in the 12440 area code (High Falls). This data is from NYSERDA's EV registration map: <http://bit.ly/EVMAP>

Q: Is Marbletown planning any more EV Charging stations?

The ECC is currently looking for Marbletown businesses that would like to host additional charging stations. Please contact ECC Chair Tom Konrad at tom.konrad@gmail.com to learn more. Marbletown and Rosendale are planning to jointly install a charging station at the Rondout Municipal Center.

Q: With so few EVs, how many charging stations does Marbletown need?

Because the purpose of building out charging station infrastructure is to give EV owners the confidence that they will be able to charge away from home in a timely fashion, there should be enough charging stations parking spots so that an EV owner can be confident that there will be an available charging station nearby when they need it. Ideally, there will be a charging station within easy walking distance of all Marbletown businesses and attractions.

Q: What is there to do within walking distance while my car is charging?

Restaurants (closest first): The Roost- 2 buildings NE at 3542 Main St.; Bodacious Bagels - 0.2 mi SW at 3630 Main St; Momiji Sushi & Grill- 0.2 mi SW at 3649 Main St; Asia- 0.2 mi SW at 3407 Cooper St; Carthaigh Coffee - 0.2 mi SW at 3669 Main St

Exercise and Entertainment: Marbletown Community Center- <http://bit.ly/MarbletownCC> 845 687 0800; The Ridge Gym - across street. <http://www.theridgegym.com/> 845 687 0000; MAMA Marbletown Multi-Arts 3588 Main St.- <http://www.cometomama.org/> 845 687 6090.

Stone Ridge Library- .3 mi SW at 3700 Main St

Hike & Bike: O&W Rail Trail - Follow scenic Leggett Rd south 1.2 miles to rail trail. Follow trail SW .6 mi to SR 213, then continue along trail or 213 SE to enjoy view from bridge and D&H Canal Museum, shopping and restaurants in High Falls. Rail trail continues past 213 SW 4 mi. Or follow Rail Trail from Leggett 10 mi NE into Kingston.

NOTES:

EV = electric vehicle

PHEV= plug-in hybrid electric vehicle