

# Get CHARGED UP in ROSENDALE! ⚡

## SOME QUESTIONS AND ANSWERS ABOUT ELECTRIC VEHICLES (EVs):

### *Do electric vehicles (EVs) cost more than gas-powered cars?*

- ➡ All major car manufacturers are now producing either fully electric vehicles or plug-in hybrids, and there is a wide selection of styles and prices to choose from.
- ➡ If you buy now, you can benefit from generous state rebates and federal tax credits. These may reduce the base price of an EV to between \$22,000 and \$29,000.<sup>6,7,8</sup>



Rosendale's charging station.

### *How do I charge an EV?*

There is no need for a special charging station at home; just plug into any regular Ground Fault Interrupted (GFI) electrical outlet.

*Rosendale has a public charging station, right in the municipal lot behind the Rosendale Theatre!* EV owners can charge up while enjoying Main Street, catching a movie, or hiking up Joppenbergh! Many other towns and highway rest stops around the country now have public charging stations. Popular websites and FREE phone apps, such as Plugshare, allow you to easily find the closest public charging station while traveling.<sup>5,12</sup>

### *How far can I drive on electric power?*

- ➡ Plug-in hybrids have both electrical ports and gas tanks. They can run 20-80 miles on pure electric power depending on the model, after which they convert to gas and run as a fuel-efficient car.
- ➡ Newer all-electric cars offer faster charging capacity and a higher range, like the Chevy Bolt (238 mi. range) and Nissan Leaf (107 mi. range).

### *How is an electric vehicle better for the environment?*

- ➡ Since it uses less energy, an EV has a lower carbon footprint, equivalent to that of a 68 MPG gasoline-burning car (if one existed!).
- ➡ When 80% of the electricity generated by our nation's grid comes from renewables, driving an EV will be equivalent to getting 300 MPG of gasoline!
- ➡ Contrary to popular myths, EV batteries are recyclable, and most will find a second life as storage batteries.<sup>1</sup>



Another benefit of EVs:  
No more oil changes!

***ELECTRIC VEHICLES CAN HELP THE PLANET AND YOUR BUDGET!***

↔ *For more information* ↔

### **Citations & Resources:**

1. Union of Concerned Scientists: *Electric Cars: Cradle to Grave*: <http://www.ucsusa.org/clean-vehicles/electric-vehicles/life-cycle-ev-emissions>
2. How Clean is Your Electric Vehicle?: <http://www.ucsusa.org/clean-vehicles/electric-vehicles/ev-emissions-too>
3. NYSERDA's Electric Vehicle to Solar Cost Calculator: <nyserda.wattplan.com/ev>
4. U.S. Dept. Of Energy's Alternative Fuels Data Center: [www.afdc.energy.gov/laws/state](http://www.afdc.energy.gov/laws/state)
5. Plugshare - EV Charging Station Map: [www.plugshare.com](http://www.plugshare.com)

### **Rebates & Incentives:**

6. Federal Tax Credits for Electric Vehicles: <http://www.fueleconomy.gov/feg/taxevb.shtml>
7. NY Rebate for Electric Cars <https://www.nyserda.ny.gov/All-Programs/Programs/Drive-Clean-Rebate>
8. Alternative Fuels and Electric Vehicle Recharging Property Credit: [www.tax.ny.gov/pit/credits/alt\\_fuels\\_elec\\_vehicles.htm](http://www.tax.ny.gov/pit/credits/alt_fuels_elec_vehicles.htm)

### **Electric Vehicle News & Advocacy Groups:**

9. Drive Electric Hudson Valley: [wp.sustainhv.org/programs/drive-electric-hudson-valley](http://wp.sustainhv.org/programs/drive-electric-hudson-valley)
10. Electric Auto Association: [www.electrcauto.org](http://www.electrcauto.org)
11. EV World: [www.evworld.com](http://www.evworld.com)
12. Plug In America: [pluginamerica.org](http://pluginamerica.org)



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