

Solar 1 - 3.5 kW Grid-tie March 2013

SW Orientation - Winter/Summer Positions



EARP and PEV

Inverter, emergency generator, EARP & PEV meters



Solar Energy and Electric Vehicles

A Perfect Match



Ford Fusion Energi PHEV - 1
Daily Mileage = 84
Fuel economy = 57 mpg
Workplace charging doubles daily range



Ford Fusion Energi PHEV - 2
Daily Mileage = 18
Fuel economy = 100 mpg

One Year Results

68 gallons of gasoline worth \$132 or \$11/month or \$0.37/day



Solar 2 - 3.5 kW Stand-alone September 2016

Dedicated EV charging, SW orientation, summer/winter position, 14 kWh battery



BMW i3 EV w/Rex



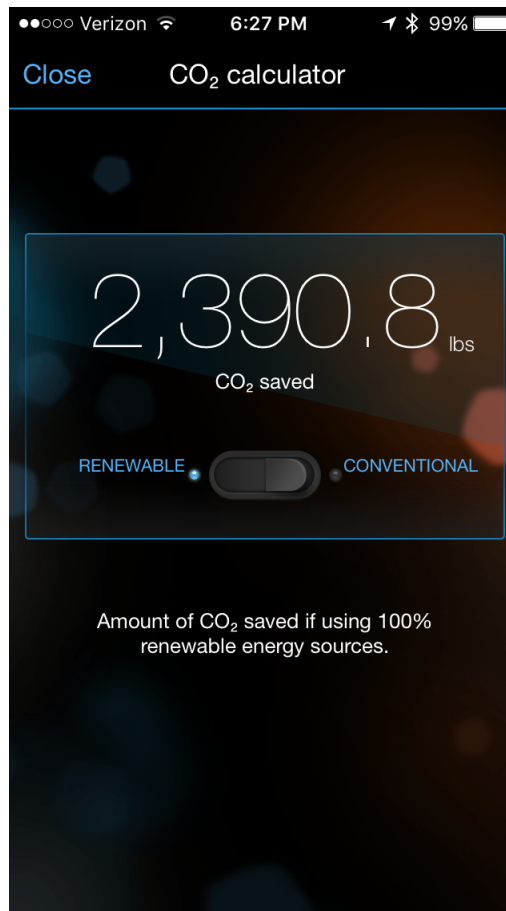
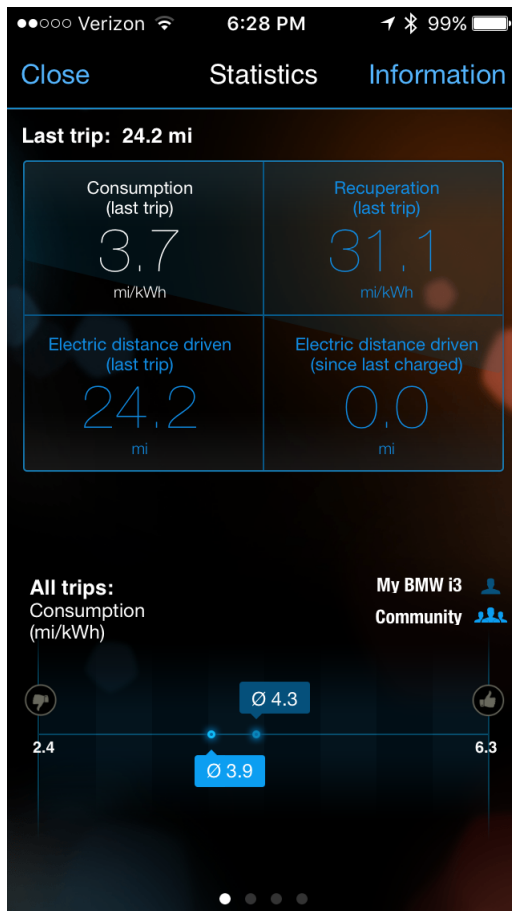
BMW i3 EV w/ Rex
EV Range - 114 to 152 miles
Rex Range - 70 to 90 miles



Western Tree Line

Energy Efficiency/GHG

Efficiency and GHG Results - 3 months of Service



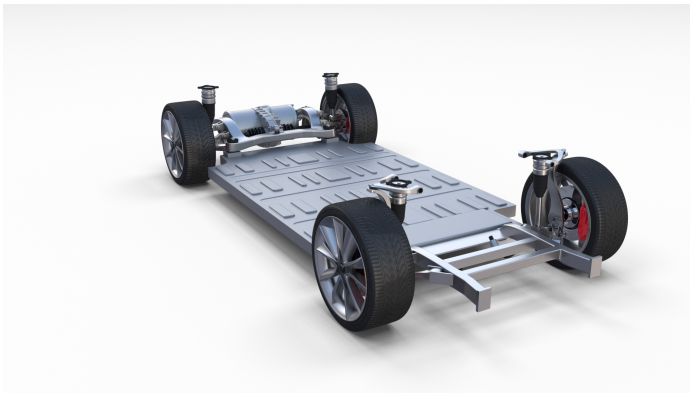
PV & EV - A PERFECT MATCH

An average car traveling 37 miles/day can be charged by a solar system the size on a one car garage or standard parking space - in Michigan



Undeniable EV Future

80% efficient - 4 x i.c. engine, solar charging, lighter, faster, less maintenance, simple design, and infinitely re-manufacturable engine and recyclable battery



Resources and Actions



GO BLUE !



www.gogreenblue.org

www.hybridelectrichome.com

www.windcharger.org

www.doctordelco.com