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EmPower Solar Releases Comprehensive Electric Vehicle (EV) Resource Guidebook*Free Guidebook Charts Cost and Solar Power Needed for Each Type of EV*

ISLAND PARK, NY, April 25, 2019 – Island Park-based solar panel installer, SunPower by EmPower Solar, released a free comprehensive resource guidebook on electric vehicles (EV) to mark the culmination of earth week. The guide covers Long Island charging station locations, top tips for EV owners, a sizing chart for solar panel systems, and a consolidated list of mileage and charging times for the most popular EVs. The pdf and digital guidebook caters to both potential EV buyers and EV owners.

With the exponential growth of EV technology in the last decade, EVs have become substantially more affordable as they are less expensive to power compared to a gasoline-fueled vehicle, especially when charged at home and with solar panels. Despite being a niche segment of the automotive industry, more people are increasingly comfortable with this mode of transportation. Rising gas prices paired with federal and state incentives for electric vehicles and charging stations, are encouraging more people in New York City and Long Island buy electric vehicles.

The company outlines the cost to power different types of vehicles for a year. A conventional gasoline fueled car that gets 25 miles to the gallon would cost around \$1,445 per year to fuel. An electric vehicle charging primarily at home on Long Island would cost around \$630 per year. An electric vehicle charging at a home powered with solar on Long Island would cost about \$360 per year.

The guide also compares how much energy is needed for different types of EVs and driving habits. A Chevy Bolt driving 8,000 miles per year would need around 2,016 kWh of energy where a Ford Focus Electric would need 2,680 kWh to drive the same distance and would need just over 4,000 kWh to drive 12,000 miles per year. City / Highway driving also plays a factor.

“As we transition from gasoline powered vehicles to electric powered vehicles, it is important to keep in mind that unless you generate your own electricity with solar, you are still relying on fossil fuels to power your vehicle. Our goal is to educate consumers and help them find the right EV for their lifestyle, claim all incentives available to them, and match it with an appropriately sized solar system suited to their energy needs,” said David G. Schieren, EmPower Solar CEO.

“EmPower Solar has noticed an upward trend for EV popularity in the last few years. Right now, about one in eight of our solar clients either have an EV or plan to get an EV in the next few years. We were getting tons of questions about how many solar panels they need to power their cars, so we put this cheat sheet together, not just for our clients, but for every EV enthusiast in New York State,” mentioned one of the principal authors, Tara Bono, Director of Client Experience and Stakeholder Relations at EmPower Solar.

The guidebook is published on the EmPower Solar website and can be downloaded for free on empower-solar.com/electric-vehicles.

SunPower by EmPower Solar

EmPower Solar delivers superior solar and battery technology, maximum savings, and exceptional customer service. Since 2003, EmPower Solar has been the preferred solar provider of over 2,000 New Yorkers and leading businesses, earning an industry-leading customer satisfaction rating. EmPower Solar represents the world's leading clean technology companies including SunPower as a Master Dealer, and Tesla as a Certified Powerwall Installer. EmPower Solar leverages over 15 years of solar and storage industry experience and record-setting technology.

The company employs 70 full-time workers in Island Park and generates millions in economic activity for the region per year. To date, the company has saved its clients over 15 million dollars in avoided energy costs. The company has also deployed over 100 energy storage systems and two dozen electric vehicle charging stations. Active in LISEIA and NYSEIA, EmPower Solar has played an integral role in accelerating the Long Island and New York region on a path towards clean energy.

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