

LAKE FOREST HOME

This property is equipped with state-of-the-art Vehicle-to-Home (V2H) technology, providing the capacity to run essential household appliances for up to 3 days using only the energy stored in the electric vehicle's battery. During prolonged grid outages, residents can maintain indefinite power by "topping off" the vehicle battery at local fast-charge stations before returning to reconnect the vehicle to the home system.



CURRENT EST. COSTS

Hardware: \$8K

Installation*: \$5K-\$12K

Total: \$13K - \$20K

INSTALLATION RESOURCES



Presented by: **LOS** SN
Lake Oswego Sustainability Network



SPECS

- GM Energy PowerShift Charger: A high-capacity Level 2 charging station capable of managing 19.2kW of bidirectional power transfer between the electric vehicle and the residence.
- Energy V2H Enablement Kit: A sophisticated integration system that bridges the vehicle battery with the home's main electrical panel, allowing for seamless transition to backup power.
- Bidirectional Resilience: Advanced hardware configuration that enables the electric vehicle to serve as a primary residential energy storage solution.



Sponsored by:



Powering the Future with V2H Technology



INVESTMENT & COMPATIBILITY

\$13K – \$20K

TOTAL INVESTMENT

\$8K for Hardware

\$5K–\$12K for Professional Installation

COMPATIBLE V2H VEHICLES

				
Cadillac Lyriq	Ford Lightning	Kia EV9/EV6	Nissan Leaf	Tesla Cybertruck

MANUFACTURER | COMPATIBLE MODELS

GM / Chevy	Most models (inc. Lyriq)
Ford / Tesla	F-150 Lightning, Cybertruck
Others	Kia EV9/EV6, Nissan Leaf, Hyundai Ioniq 9, Rivian R2, Volvo EX90