



EVaaS

ELECTRIC VEHICLE FLEET & CHARGERS

ELECTRIC VEHICLES AS A SERVICE™



STATE OF HAWAII 2021

The State of Hawaii established aggressive clean energy goals including a zero-emissions clean economy by 2045 and increased energy security and self-sufficiency through elimination of Hawaii's dependence on imported fuels for both electrical generation and ground transportation. Following a service Request for Proposal from vendors who could provide holistic, user-fee-based options, Hawaii awarded Sustainability Partners ("SP") the comprehensive contract to transform its entire fleet from petroleum to electric vehicles.

By engaging SP's Monthly Utility Service Agreement, Hawaii is able to add new vehicles and infrastructure whenever necessary — and as often as needed — with a simple addendum to the core contract. As additional needs arise and new electric transportation technologies become available, Hawaii is now pre-positioned to adopt the best solutions immediately, benefiting the state both financially and environmentally.

E/V Benefits

- Zero emission, environmentally friendly vehicles reduce CO₂ and decrease total carbon footprint
- Quiet vehicles reduce noise pollution
- Highly efficient electric motor compared to petrol engine
- Low cost of operation; minimal maintenance
 - No oil changes or other routine maintenance checks
- Energy security with less dependence on foreign oil
- Reduced greenhouse gas emissions slow climate change

Tesla Model Y in Hawaii

- Estimated fuel savings of \$4,500 over five years
- Model Y efficiency rating is 129 MPGe (miles per gallon equivalent) equating to approx. 28 kWh/100 miles
- 244 mile estimated range on single charge
- 15 minutes to recharge 162 miles at supercharge locations

fuelconomy.gov