

Sound Generations Begins Its Shift to an Electric Vehicle Fleet



Sound Generations has joined Seattle City Light's Fleet Electrification Program.

Sound Generations is a Seattle-based nonprofit organization that runs several community programs. For example, it provides Meals on Wheels and van services for older adults. Interested in reducing costs, the nonprofit has been eager to find an alternative to their fleet of more than 50 gas-powered vehicles.

In early 2022, Sound Generations met with Seattle City Light's electric vehicle (EV) experts to talk about making the switch to an electric fleet. Owning an electric fleet can save a company money and reduce its carbon footprint. Sound Generations, however, still had questions about the exact savings it could expect.

With a few one-on-one support calls, City Light EV experts helped Sound Generations conduct a fleet assessment. This included information on the EV industry and comparisons of different vehicles. The experts also compared the costs and benefits of EVs to the organization's current gas-powered fleet.

The fleet assessment gave Sound Generations a clear road map for fleet electrification. The organization expects to save nearly \$1.7 million in fuel and upkeep costs over the next 27 years by switching to electric. In that same period, the company will have successfully reduced its greenhouse gas emissions by 6,795 metric tons of CO₂. This is equal to planting over 100,000 trees.

Altogether, Sound Generations is a prime example of how an organization can benefit from electrifying its fleet. With a new EV fleet, this long-running organization will continue to serve the community while reducing costs and helping the environment.

Metrics

\$748,578

Total cost of ownership savings*

\$1,239,034

Fuel cost savings*

\$433,841

Maintenance savings*

6,795

Metric tons of CO₂ eliminated

**Net present value (NPV) assumes a 5% discount rate; savings are over a period of 27 years.*

City Light launched its Fleet Electrification Program in spring 2022. With this program, City Light can make new economic and workforce opportunities possible in the region. The program also works toward ensuring fair outcomes for environmental justice communities.

Visit seattle.gov/city-light/eFleets to learn how we're helping Seattle fleets make the switch to electric.

About the Fleet Electrification Program

The Fleet Electrification Program is part of City Light's investments in transportation electrification. The program provides expert advice and financial incentives to help commercial customers in their EV journey. These services, provided by our team of EV experts, include EV recommendations, financial estimates, emission reduction estimates, and industry insights to better understand the most cost-effective way to convert customers' fleets. Financial incentives are also available and can be used to help offset the cost of EV charging equipment.

Interested in joining the Fleet Electrification Program?

Visit seattle.gov/city-light/eFleets

or submit an interest form today at sclefleets.force.com.

About Seattle City Light

City Light provides affordable electricity to power the communities we serve. Our carbon-neutral electricity is sourced primarily from carbon-free hydropower. By using our electricity in your homes, businesses, and for transportation, you are helping us build a carbon-free future.

We are committed to making a difference and helping our community and customers thrive. City Light invests in energy efficiency, electrification, and grid modernization to plan for the future needs of its customers.

About Sound Generations

Since 1967, Sound Generations has been supporting Washington State's seniors, their families, and caregivers with community connections and services. The organization's award-winning programs, like Senior Transportation, Meals on Wheels, and Minor Home Repair, continue to lay a foundation for a just society where older adults can live their best lives.

