

OpConnect delivers reliable, efficient EV charging with 98% uptime and an intuitive platform, ensuring seamless, hassle-free solutions for school district fleets.

OpConnect Network Solutions

Active Load Management Solutions

By dynamically adjusting power, active load management enhances operational flexibility for charging stations while helping to minimize costly grid upgrades. It also reduces costs by avoiding peak demand charges and optimizing energy usage, making EV charging more efficient and economical.

Tracking energy Use by VIN

Monitor energy consumption for individual buses using VIN tracking. With our advanced RFID technology, each charging session is linked to a bus by its Vehicle Identification Number (VIN). This allows schools to monitor energy use for every bus, ensuring accurate tracking and better management of fleet operations.

E&I Cooperative Services provides school districts with a streamlined and cost-effective way to implement EV charging station solutions for their electric school buses. By leveraging E&I's **pre-negotiated, competitively awarded contracts**, districts can **save time, reduce costs**, and ensure they receive **exceptional value** while transitioning to cleaner, more sustainable transportation solutions.

E&I National Contract #: EI00448
Award Date: 1/1/24
Expiration Date: 12/31/28
(with one 5-year renewal remaining)
[Alignment Authorization Form](#)



-  Hassle-Free Procurement
-  Cost-Effective Charging Solutions
-  Sustainable & Scalable

Open ADR 2.0

Open ADR 2.0 integration ensures participation in utility demand response programs.

Vehicle-to-Grid (V2G)

Vehicle to Grid is where the vehicle sends energy back out onto the electrical grid to lower your bill or earn additional revenue. By optimizing energy flow, V2G enhances grid stability, reduces peak demand charges, and supports a more sustainable, cost-effective fleet operation—all while ensuring buses are charged and ready for their routes.



Charging Solutions for School District Fleets

Level 2: Ideal for overnight or extended charging.

DC Fast Chargers: Perfect for quick, high-power charging during the day.



Beaverton School District: Leading the Charge in Sustainable Student Transportation



“Partnering with OpConnect has been a game-changer for us. Their product and support team are top-notch and has consistently exceeded our expectations. Whenever we’ve needed support, OpConnect has responded swiftly. Their user-friendly charger dashboard and comprehensive reports provide us with crucial insights, helping us to make informed decisions. We are proud to partner with OpConnect.”



Craig Beaver, BSD Administrator of Transportation




Beaverton School District is at the forefront of transforming student transportation by embracing electric vehicle (EV) technology. With a growing fleet of electric school buses and an expanding EV charging infrastructure, the district is setting a new standard for sustainable, cost-effective, and energy-efficient transportation.

Through its collaboration with OpConnect, Beaverton has implemented cutting-edge charging solutions, including DC Fast Charging (DCFC), high-powered Level 2 systems, and Vehicle-to-Grid (V2G) integration. These advancements not only ensure buses are fully charged and route-ready each day but also contribute to reduced operational costs, lower emissions, and a cleaner environment for students and the community.

This remarkable transition to electrified student transportation has been led by Craig Beaver, Beaverton School District’s Transportation Director, who was recognized as the 2024 STN Magazine Transportation Director of the Year. His vision and dedication to integrating EV technology have positioned Beaverton as a leader in the industry, demonstrating how school districts can adopt sustainable energy solutions without compromising efficiency or reliability.

With the success of its current EV program, Beaverton School District is preparing for the next phase of expansion in 2025, adding over 40 new networked charging stations with OpConnect’s support. This expansion will enhance the district’s ability to scale its EV fleet, reinforcing its commitment to innovative, eco-friendly transportation solutions.

Contact Us

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Beaverton School District Operation - At a Glance

Number of school bus drivers on staff: **308**

Number of school buses in fleet: **313**

Number of Electric buses in fleet: **55**

Networked charging stations: **37**

