



PGE Electric School Bus Fund 2021 Application

Overview

Portland General Electric's Electric School Bus Fund uses proceeds from the sale of residential Clean Fuels credits to provide public school districts in PGE's service area with financial and technical support to acquire electric school buses and charging infrastructure. Eligible school districts may own and operate their own buses or contract these services.

Participation

Funds are provided in the form of an upfront lump sum grant to pay for the incremental cost of electric buses (the costs above the price of a new comparable conventional bus), charging infrastructure and installation of the charging infrastructure. PGE will also provide technical assistance to districts: site assessments, cost-benefit analysis, vehicle and charger selection support, charging infrastructure installation and electricity price optimization. Project participants (or their transportation contractors) will own the buses, batteries, motors, charging stations and customer-side electrical infrastructure. Project participants (or their transportation contractors) will deploy the electric buses in their regular transportation service, will primarily charge the buses in PGE's service area and will pay for electricity. Oregon Clean Fuel Program credits generated by charging the bus paid for by the grant will be owned by PGE for a period of ten years upon completion. Project participants will also share data and insights with PGE. This will be used to develop a case study, produced by PGE, outlining key technical, financial, operational and stakeholder engagement considerations for Oregon school districts interested in electrifying their school bus fleets.

Submission Details

Interested candidates should respond to the following questions under the Required Information heading below. Please be sure to review all Disclosures at the end of this document.

Application Deadline: 5:00 p.m. PDT, June 1, 2021 with buses expected to be on the road by the start of the 2022-2023 school year.

All responses must be submitted by email to electricschoolbus@pgn.com with the subject line "Electric School Bus Fund Application."

If you need assistance or have any questions, please email electricschoolbus@pgn.com.



Required Information

School District Information	
School district name	
Contact person name, position	
Student enrollment (as of Sept 2020)	
Student transportation contractor company (if applicable)	
Contractor contact name, position	
School Bus Fleet	
Number of buses in fleet by type (A, C, D, other, etc.)	
Preferred supplier for new bus purchases (if any)	
Typical/preferred due diligence process for new bus purchases (district RFP process; procure based on another district's contract, etc.)	
Number of buses district plans to replace in the 2021-2023 timeframe (if any)	
If district plans to replace buses in the 2021-2023 timeframe, has funding been secured?	
School Bus Operations	
Maximum number of buses in service daily	
Number of bus routes operated daily	
Longest bus route (miles)	
Shortest bus route (miles)	
Typical hours of bus use (e.g., 6-8 a.m. and 2-4 p.m.)	

Any bus use outside of pupil transportation to/from school, including summer (i.e. sports, extracurricular activities, etc)?	
Entity responsible for bus ownership and maintenance	
Entity responsible for bus operation	
Entity responsible for fueling costs	
Bus Depot Facility	
Address	
Property owner	
Existing e-bus charging infrastructure?	
Do you expect to remain at the facility for the next 10 years?	
Electric utility at location	
PGE account number (if known)	
Project Details	
Number of e-buses for which you are requesting funding	
Manufacturer of e-bus (if known)	
Type of e-buses (Type A, C, or D)	
Total incremental cost of e-buses requested, maximum of \$500,000 (Please attach quote if available). If unknown, assume: - \$200,000 per Type A e-bus - \$250,000 per Type C or D e-bus	
Are you requesting PGE to hire and manage the contractor to install the chargers(s) at your facility?	





1. Participant Commitment

For the electric school bus project to be successful, project participants must have sufficient commitment to electric buses on the part of fleet managers, facilities managers, transportation staff, bus drivers and mechanics. All these roles will be impacted by the deployment of a new technology, and may need to learn new skills, adapt to new protocols and support data collection. PGE will support project participants through this transition with technical assistance such as site assessments, vehicle and charger selection support, charging infrastructure installation, total cost of ownership analysis and electricity rate optimization.

Please describe availability and interest of these staff to support electric buses. Include name and contact information of these staff as well as project team members in finance, procurement, project management, construction/facilities and those involved in bus/charger selection if applicable.

2. Stakeholder Engagement

For the electric school bus project to be successful, project participants must have sufficient commitment to electric buses on the part of school district leaders and stakeholders, including management, superintendents, school boards, staff, teachers, parents and students. PGE will support project participants with technical assistance such as cost-benefit analysis and communications outreach.

Please describe your plan to work with PGE to engage stakeholders, including key ways PGE can support you in this process.



3. Equity Considerations

One of PGE's priorities with this project is to meet the needs of communities that are typically underserved by access to electric transportation. These include but are not limited to: low-income individuals, communities of color, immigrants, non-English speakers, people with disabilities, residents of multi-family housing, communities and neighborhoods with low air quality and communities with limited access to transportation options or public electric vehicle charging.

Please describe the extent to which your district serves these populations, and the ways in which your district is prepared to leverage this project to improve access for, and reduce air quality impacts on, these populations. Examples could include targeted education and outreach, curriculum development, stakeholder engagement or electric school bus routing decisions.

4. Data Sharing

One of the objectives of this project is to develop best practices outlining key technical, financial, operational and stakeholder engagement considerations for school districts interested in electrifying their school bus fleets.

Please describe your district's willingness to share financial and operational data on conventional and electric school buses, as well as operator and administrator insights about the process of transitioning to electric buses. Include what data you are currently collecting and the cadence at which that data is collected on.

5. Participant Funds

Project participants will be expected to contribute funds equal to the district's usual cost of acquiring a new conventional bus (after Oregon Department of Education reimbursement, if applicable).

Please describe the level of funds the district is prepared to contribute, and if these dollars have been secured. If you are currently unsure if you will be able to contribute funds, please describe the efforts you will take to attempt to secure this funding. Additionally, please include any information about other funds the district might leverage (i.e. VW Mitigation Grant funds).



6. Timeline

To meet the timeline established for this project, participants will be expected to plan for deployment of electric school buses by the beginning of the 2022-2023 school year.

Please indicate your district's readiness to meet this timeline. Include what work you've already done (engaging stakeholders, connecting with dealers, acquiring quotes, choosing a manufacturer, general research, etc.).

7. Other Information

Please share any other information you would like us to consider as we evaluate your eligibility for and commitment to the electric school bus project. Of most importance is your current bus acquisition process to better understand how funding an electric bus might work.