**Light Duty Electric Vehicle and Chargers Form**Public Purpose Charge (SB 1149) Schools Program

**Contact Information**

School District: Click or tap here to enter text.

Contact Person and Title: Click or tap here to enter text.

Mailing Address: Click or tap here to enter text.

Phone: Click or tap here to enter text.

E-mail: Click or tap here to enter text.

**Form Prepared By *(if other than SD filling out form)***

Organization/Firm: Click or tap here to enter text.

Contact Person and Title: Click or tap here to enter text.

Mailing Address: Click or tap here to enter text.

Phone: Click or tap here to enter text.

E-mail: Click or tap here to enter text.

**Has fleet audit been completed and submitted to ODOE?** Click or tap here to enter text. ***(If not, then please see fleet audit details on*** [***SB 1149 Schools Program website***](https://www.oregon.gov/energy/energy-oregon/Pages/Public-Purpose-Charge-%28SB-1149%29-Fleet-Audits-Electric-Vehicles-and-Charging-Stations.aspx)***)***

**Electric Chargers**

*Only fill out this section if requesting SB 1149 funds for chargers.*

* Does the School District have any EVs currently? How many of what type? Click or tap here to enter text.

*If not, what are the school district’s plans?* Click or tap here to enter text.

* Is there currently EV charging infrastructure? Click or tap here to enter text.

*If so, please provide location, use details and type of chargers, etc.* Click or tap here to enter text.

* Please provide details for chargers being requested with SB 1149 funds:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Charger Level** | **Manufacturer** | **Model #** | **Power Output (kW)** | **Year** | **# Requested** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

* Please provide the connector type for each charger:

|  |  |  |
| --- | --- | --- |
| **Charger Model #** | **Connector Type** | **Connector Count per Charger** |
|  |  |  |
|  |  |  |
|  |  |  |

* Please provide site location(s) of charging station(s) including facility name and/or address: Click or tap here to enter text.
* Will the charging station be owned by the School District? Click or tap here to enter text.

*If not, then please list owner.* Click or tap here to enter text.

* Will the charging station be available for School District EVs, School District staff for personal vehicles and/or will it be available for public use? *Please also estimate percent of use (e.g. 50% workplace, 40% staff, 10% public)* Click or tap here to enter text.
* Will the School District charge a fee for use of charger? *Please specify if fee would apply to staff and/or public.* Click or tap here to enter text.
* Has the School District discussed infrastructure with electric provider? Click or tap here to enter text.

*If so, any concerns, details that were discussed.* Click or tap here to enter text.

* Will the charging station have its own electric meter with the School District’s electric provider account? Click or tap here to enter text.

*If not, then which electric bill/meter will the charging station be included with?* Click or tap here to enter text.

**Electric Charger Costs**

Please provide total project cost estimate including details below. If contractor estimate is provided with broken out details, then table below is not required if estimate is attached.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Equipment Cost** | **Labor Cost** |  |
| **Charger Type** | **Qty** | **Unit** | **Total** | **Hrs/Unit** | **$/Hour** | **$/Unit** | **Total** | **Total Cost** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Subtotal Mater. & Labor** |  |  |  |  |  |  |  |  |
| Design & Engineering costs |  |  |  |  |  |  |  |  |
| Software costs |  |  |  |  |  |  |  |  |
| Permitting fees |  |  |  |  |  |  |  |  |
| Auxiliary equipment costs *(wiring, conduit, breakers, disconnects, et.)* |  |  |  |  |  |  |  |  |
| Construction Costs *(trenching, paving, etc.)* |  |  |  |  |  |  |  |  |
| Electrical installation costs *(if separate from labor costs)* |  |  |  |  |  |  |  |  |
| Other costs: *Please specify* |  |  |  |  |  |  |  |  |
| **Total Costs** |  |  |  |  |  |  |  | $ |

**Electric Charger Other Incentives / Grants**

* Will the School District be applying for any other utility incentives or grants for the chargers? *If so,* *then please provide details on potential incentive or grant, the potential award and timeframe of award notifications.* Click or tap here to enter text.

**Electric Vehicles**

*Only fill out this section if requesting SB 1149 funds for light duty electric vehicle(s)*

* Will the School District use the electric vehicle for student transportation of any kind? Click or tap here to enter text.

*If so, then please work with the Oregon Department of Education on any rules/regulations/requirements for student transportation.* [ODE contact information](https://www.oregon.gov/ode/schools-and-districts/Pages/default.aspx)

* Number of vehicles being requested for SB 1149 funds reimbursement:

Please provide the details on vehicle(s) requested within the table:

*If leasing, provide length of lease term:* Click or tap here to enter text.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Vehicle** | **Make** | **Model** | **Type** | **Year** | **Battery Size (kWh)**  | **Total Range** **(Miles)** | **Cost** | **Purchase or Lease** |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |

Will the School District be replacing an existing vehicle with the electric vehicle? Click or tap here to enter text.

*If so, then please provide information below to reference vehicle in fleet audit:*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Vehicle** | **Plate #** | **Make** | **Model** | **Type** | **Year** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |

**Electric Vehicles Other Incentives / Grants**

* Will the School District be applying for any other utility incentives or grants for the electric vehicle? *If so,* p*lease provide details on potential incentive or grant, the potential award and timeframe of award notifications.* Click or tap here to enter text.

**SB 1149 Funds for Electric Vehicles and Charging Stations**

SB 1149 eligible amounts are not considered approved for reimbursement until after the School District has completed the fleet audit, the Light Duty Electric Vehicles and Charging Stations Form and submitted receipts and final cost documentation requesting reimbursement to ODOE.

|  |
| --- |
| **SB 1149 Portion Eligible for Reimbursement for Charging Stations** |
| Level 1 or Level 2 Charger | Full cost for chargers is eligible for SB 1149 funds if located at an SB 1149 eligible School District owned property or facility |
| Level 3 (DC Fast) Charger | Eligibility of DC Fast Chargers will be reviewed by ODOE and determined based on need and costs. Please make sure to provide details above pertaining to the use of the charger, why the District is requesting a DC Fast Charger and the estimated cost. |

|  |
| --- |
| **SB 1149 Eligible Amount for Reimbursement for Light Duty Vehicles** |
|  | *Qualifying Vehicles MSRP value or less* | *Battery Electric Vehicles SB 1149 max amount* | *Plug in Hybrid Electric Vehicles SB 1149 max amount* |
| Light Duty Passenger Vehicles | *$50,000* | *$20,000* | *$15,000* |
| Light Duty Maintenance Vans and Trucks | *$75,000* | *$30,000* | *N/A* |

*The SB 1149 eligible cost is valid through December 31, 2022, unless otherwise approved by ODOE. Eligible costs will be re-evaluated for 2023.*

**School District Savings**

If your School District is looking to replace a fleet vehicle with an electric vehicle or just add an electric vehicle to your fleet, this is what you might see for savings.

**Estimated Fuel Cost and GHG Emissions per Year:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  Fuel Type | Fuel Efficiency\*\* |  Unit | Price | Per unit | Price per mile | Annual Miles | Annual Fuel Cost | Annual GHG Emissions lb of CO2 \*\*\* |
| Gasoline | 27 | MPG | $ 5.17 | Gallon | $ 0.19 | 15,000 | $2,850 | 13,400 |
| Diesel | 32 | MPG | $ 6.19 | Gallon | $ 0.19 | 15,000 | $2,850 | 9,300 |
| EV | 100 | miles per charge | $ 2.70 | Charge\* | $ 0.03 | 15,000 | $450 | 2,200 |
| ODOE used Oregon rates where feasible.\* Estimate that each charge is 30 kWh and electricity average cost is $0.09 per kWh. Electricity rate from [EIA](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.eia.gov%2Felectricity%2Fstate%2FOregon%2F&data=05%7C01%7CChristie.L.SPHOON%40energy.oregon.gov%7C574f113072f141d39b7c08da6b2de986%7Caa3f6932fa7c47b4a0cea598cad161cf%7C0%7C0%7C637940142177465461%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=LNlL5NkPlkNEqPRfd4DEY88TkJHtc2EjIYDH82GxFYo%3D&reserved=0) as of 07/25/2022.\*\* Fuel rates from [AAA](https://gasprices.aaa.com/?state=OR) as of 07/25/2022. MPG in calculation from [Fuel Economy.gov](http://www.fueleconomy.gov/) which shows the average 2020 gas vehicle has 27 MPG with diesel vehicles approximately 20% more efficient*\*\** CO2 emissions above come from using the average annual vehicle details above in Fuel Savings section of form as inputs within the [US DOE Vehicle Cost Calculator*.*](https://afdc.energy.gov/calc/)CO2 emissions are consistent with the Oregon DEQ emissions factors. |

**Estimated Fuel Savings
Gasoline to EV is *$2,400* a year**

**Diesel to EV is *$2,400* a year**

**



**Estimated Greenhouse Gas Emissions Savings:**

 **Emission Savings from Gas to EV is *11,200 lbs CO2* a year**

**Diesel to EV is *7,100 lbs CO2* a year**

