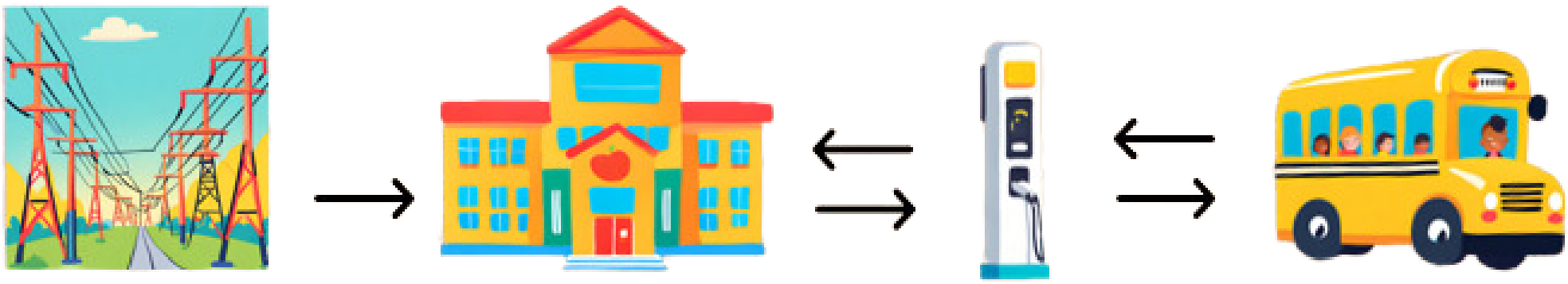
ELECTRIC SCHOOL BUS GRANT PROGRAM

Bi-directional Charging Pilot Program

Typical electric vehicle charging involves electricity flowing from the charging station to the vehicle.

Bi-directional charging additionally allows electricity to flow from the vehicle, through the charging station, and to another electricity use. For this pilot, the other electricity use will be a building.



Pilot Program Requirements

- Grants will fund a minimum of two and a maximum of 8 electric school buses.
- Grantees will be required to:
  - Utilize bi-directional technology at least 6 days per year for three years. Uptime days are defined as as days in which the electric bus was plugged into the charging station by, at latest, 5:00 p.m. with bi-directional functionality enabled until midnight of that calendar day.
  - Submit quarterly and bi-annual reports to DEP.
  - Meet periodically with DEP to provide progress reports on the project.
- In addition to the funding amounts for the purchase of a bi-directional capable electric bus, DEP will provide up to $50,000 in compensation for associated charging infrastructure capable of engaging in bi-directional charging to a building and bonus incentives for additional uptime days.
  - If the bi-directional technology is used more than 6 days per year, additional compensation is awarded per bus utilized during the indicated time period as shown in the table below.
  - The grantee will be compensated at the end of each year after demonstrating additional days of uptime beyond the minimum of 6.

Year	Required Days of Bi-directional Uptime in a Year	Additional Uptime Days Needed to Earn Bonus	Bonus Incentive Per Bus Utilized During this Time Period
Year 1	6	2	$5,000
Year 2	6	4	$5,000
Year 3	6	6	$10,000

Last Updated 2/7/24