



Item 7(a) and (b): Electric School Bus Bi-Directional Infrastructure – GFO-22-612

December 13, 2023, Business Meeting

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Fuels and Transportation Division, School Bus Unit



Benefit to Californians

Projects will:

- Further opportunities for utilization of electric school buses in California schools
- Mitigate impacts of PSPS events and wildfires
- Additional energy resources
- Grid resiliency
- Reduce GHGs and local air pollution



Source: CEC



Electric School Bus Vehicle-to-Grid Progress

Solicitation: 78 additional V2G EVSE proposed



Source: CEC



Solicitation Overview

- GFO-22-612 released March 2022
- Funding from California Budget Act of 2021-22
- Purpose: Blueprints for school districts
- 7(a)-(b):
 - 2 projects
 - 4 site locations
 - \$4,910,703 total in proposed awards

GRANT FUNDING OPPORTUNITY

Clean Transportation Program

Electric School Bus Bi-Directional Infrastructure



Addendum 1

GFO-22-612

[Solicitation Information](https://www.energy.ca.gov/funding-opportunities/solicitations)

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State of California

California Energy Commission

[March 2023] May 2023



Storer Transportation Service (ZVI-23-005)

- Item 7(a)
- Working with Stanislaus County Unified School Districts
- Installation of 37 new bi-directional charging ports at two project sites in Modesto
- \$3,000,000 grant, \$839,174 in match



Site #1-Modesto, CA
Source: Storer Transportation



Nuvve Holding Corp. (ZVI-23-006)

- Item 7(b)
- Working with San Diego County school districts
- Microgrid integration with 6 bi-directional charging ports and BESS
- \$1,910,703 grant, \$727,003 amount in match



SDUSD Current V2G Capabilities
Source: Nuvve

SDUSD Electric School Bus Fleet
Source: Nuvve



Staff Recommendation

- Item 7(a) and (b):
 - Adopt staff CEQA findings
 - Approve agreement ZVI-23-005 for \$3,000,000 and ZVI-23-006 for \$1,910,703