



BAY SHORE UFSD / SUFFOLK TRANSPORTATION DERA GRANTS

DERA 2018 Award:
\$659,000

DERA 2020 Award:
\$1,561,000

Date **May 19, 2022**

IMPLEMENTATION

2018 DERA (1ST)

- 4 - Blue Bird Vision EV Buses
- 4 - Level 2 Chargers

2020 DERA (2ND)

- 7 - Blue Bird Vision EV Bus (Ver. 2)
- 7 - Level 3 V2G Chargers

PLANNING & DEVELOPMENT

- Charging & power consultations w/ providers
- Opportunities for growth and expansion

LESSONS LEARNED

ADVANCED PLANNING AND COMMITMENT REQUIRED:

- School Board buy-in & approval
- Realistic timeline & planning

COMPONENTS & EQUIPMENT REQUIRE TIME TO DELIVER! (6-10 MONTHS):

- State of EV school bus manufacturing
- Additional power components not on site

TIPS FOR FUTURE IMPLEMENTATIONS

PHASED - PLANNING:

Start early - address power needs, communicate with power company **OFTEN**

DECIDE ON BUS TYPE:

- Bus model & charging preference will determine power needs

BUILD FOR THE FUTURE

Now vs. 5-7 years from now

FINANCE

PRE-GRANT ACTIVITIES

- EV Bus Selection
- Power Needs

GRANT APPLICATIONS

- Total Needed for Project Approved

BUILDOUT

- Reimbursement
- Changes to scope