



School Bus Purchase Plan Board of Education Meeting March 2, 2023

Presented By:
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Replacement of Older Buses

OUSD
Obtained \$9.68M in
Grant Funds



- Diesel Bus Fleet - 16 buses collectively have been driven 4.7 million miles
 - ▶ Average miles driven 293,750 and older than 20 years
 - ▶ District is experiencing rising costs maintaining an aging fleet
- Started retiring buses from service in 2020
 - ❖ 15 retired buses collectively driven 4.65 million miles
 - ❖ Average miles driven 310,000

South Coast Air Quality Management District (SCAQMD)– Carl Moyer Program Grant (Approved: 2021)



❖ CNG INFRASTRUCTURE UPGRADE/EXPANSION GRANT REQUIREMENTS:



▶ OUSD must meet a minimum annual CNG usage

- ▶ 59,188 standard cubic feet per year for 3 years
- ▶ Must maintain or exceed this number annually

■ CNG buses produce less emissions

■ CNG buses are easier to maintain

- ❖ Natural gas low carbon content translates into longer oil change intervals, less engine wear, and a longer engine life
- ❖ More fuel efficient



School Site Needs



- ATHLETIC COMPETITION
- BAND COMPETITION
- FIELD TRIPS
- OUTDOOR SCIENCE CAMP



Charter Bus Companies generally charge a premium of 50% to 100% for providing services compared to District Operated Fleet



Considerations for purchasing a Charter-Style Bus: Cost Benefit Factor Analysis



- Regular Passenger CNG Bus \$270,000
- Charter Style CNG Bus \$299,000
- Cost Variance \$29,000
- CIF Football Playoff Game in Santa Barbara "Illustration"
 - Charter Bus Costs \$3,600 for 2 Buses (El Modena HS)
 - OUSD could offer same service at a lower price (40%-50%)
 - Return on Investment less than 1 year



Large Districts throughout the state are now starting to purchase charter-style buses



Benefits of Purchasing Charter–Style Buses



BENEFITS OF CNG CHARTER-STYLE BUSES

- ❖ CNG Charter-Style School Buses are built to comply with the same safety standards as a regular school bus
- ❖ Helps address bus driver shortage by attracting drivers and reduces costs of outside contractor services



CHARTER-STYLE SCHOOL BUSES



Engine Manufacturer

❖ CUMMINS WILL DISCONTINUE MANUFACTURING CNG ENGINES

- ▷ CUMMINS CNG ENGINES WILL NO LONGER MEET THE CALIFORNIA AIR RESOURCES BOARD (CARB) EMISSIONS STANDARDS IN 2024
 - ▷ TOO COSTLY TO PRODUCE NEW ENGINES
 - ▷ LIMITED TIME REMAINS TO PURCHASE CNG BUSES IN CALIFORNIA
 - ▷ MARCH 1, 2023 TIMELINE TO PLACE BUS ORDER – Agenda Item 11G



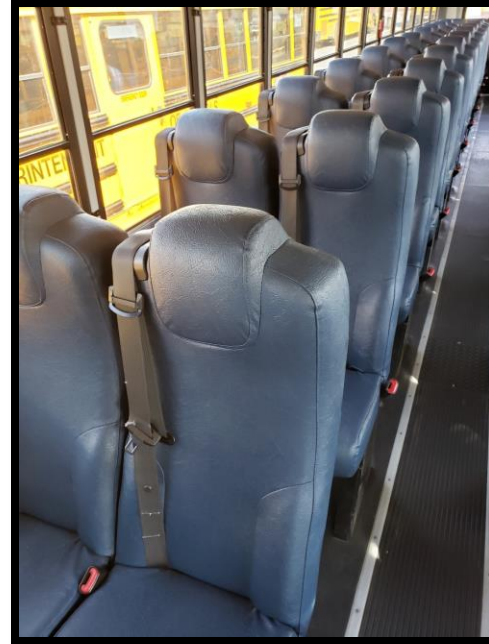
CHARTER-STYLE SCHOOL BUSES



BUS FEATURES AND HIGHLIGHTS

❖ SEATING:

- Coach-style/bucket Seating
- Seat belts
- Comfortable
- Headrests & Back Support





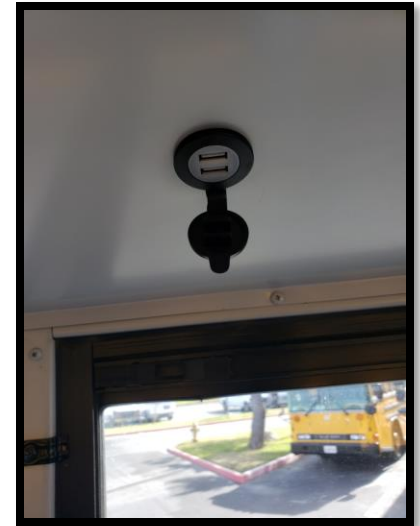
CHARTER-STYLE SCHOOL BUSES



BUS FEATURES AND HIGHLIGHTS

❖ OPTIONS:

- LED Reading Lights
- Ducted A/C Vents
- Individual USB Ports





CHARTER-STYLE SCHOOL BUSES



BUS FEATURES AND HIGHLIGHTS

❖ OPTIONS:

- Overhead Storage Racks
- Tinted Windows
- Custom Font for District ID



STAFF RECOMMENDATIONS

■ AGENDA ITEM 11F

- ▷ Utilize HEMET Unified School District Piggyback Bid

■ AGENDA ITEM 11G

- ▷ PURCHASE OF EIGHT (8) BUSES
- ▷ 2024 THOMAS SAF-T-LINER HDX 48 PASSENGER COMPRESSED NATURAL GAS (CNG)
- ▷ PURCHASE PRICE: \$2,399,297.20



School Bus Purchase Plan



QUESTIONS OR COMMENTS?