



Items 9.b.4, 9.b.5, and 9.b.6



Finance Committee - May 3, 2023

Finance Committee Agenda Items

9.b.4 Increase the Budget for the Hydrogen Fuel Cell Electric Bus (FCEB) Infrastructure Project by \$4,008,474, and Amend to Increase the Fiscal Year 2022-23 Capital Budget by a Corresponding Amount for a New Total Budget of \$40,093,146

Finance Committee Agenda Items (cont'd.)

9.b.5 Award of Contract for Interim Hydrogen Fueling Services

9.b.6 Award of Contract for North Base Facility Modifications for FCEBs

Item 9.b.4

- Increase FCEB Infrastructure Project Budget by \$4,008,474, from \$300,000 to \$4,308,474
- Amend to Increase FY2023 Capital Budget by \$4,008,474, from \$36,084,672 to \$40,093,146

Background

- FCEB Infrastructure Project (Project) is a component of the District's Innovative Clean Transit plan that complies with the California Air Resources Board mandate
- Project was initiated with a \$300,000 budget to determine infrastructure & fuel supply needs of 10 FCEBs

Background (cont'd.)

- District procured 10 FCEBs in June 2022 to replace 10 end-of-life diesel buses
- 10 FCEBs expected to be delivered to North Base in the 4th quarter of 2023

Fuel Supply for 10 FCEBs & Infrastructure

- Hydrogen fueling services, including fueling equipment at North Base and hydrogen for 10 buses over a minimum of two years
- Modifications to four maintenance bays at North Base that are required to safely maintain FCEBs
- Project Budget increase to fund hydrogen fueling services and maintenance bay modifications

Project Budget Increase

• Hydrogen Fueling Services	\$ 2,588,560
• Maintenance Bay Modifications	<u>1,419,914</u>
• Requested Budget Increase	\$ 4,008,474
• Current Project Budget	<u>300,000</u>
• Revised Project Budget	\$ 4,308,474

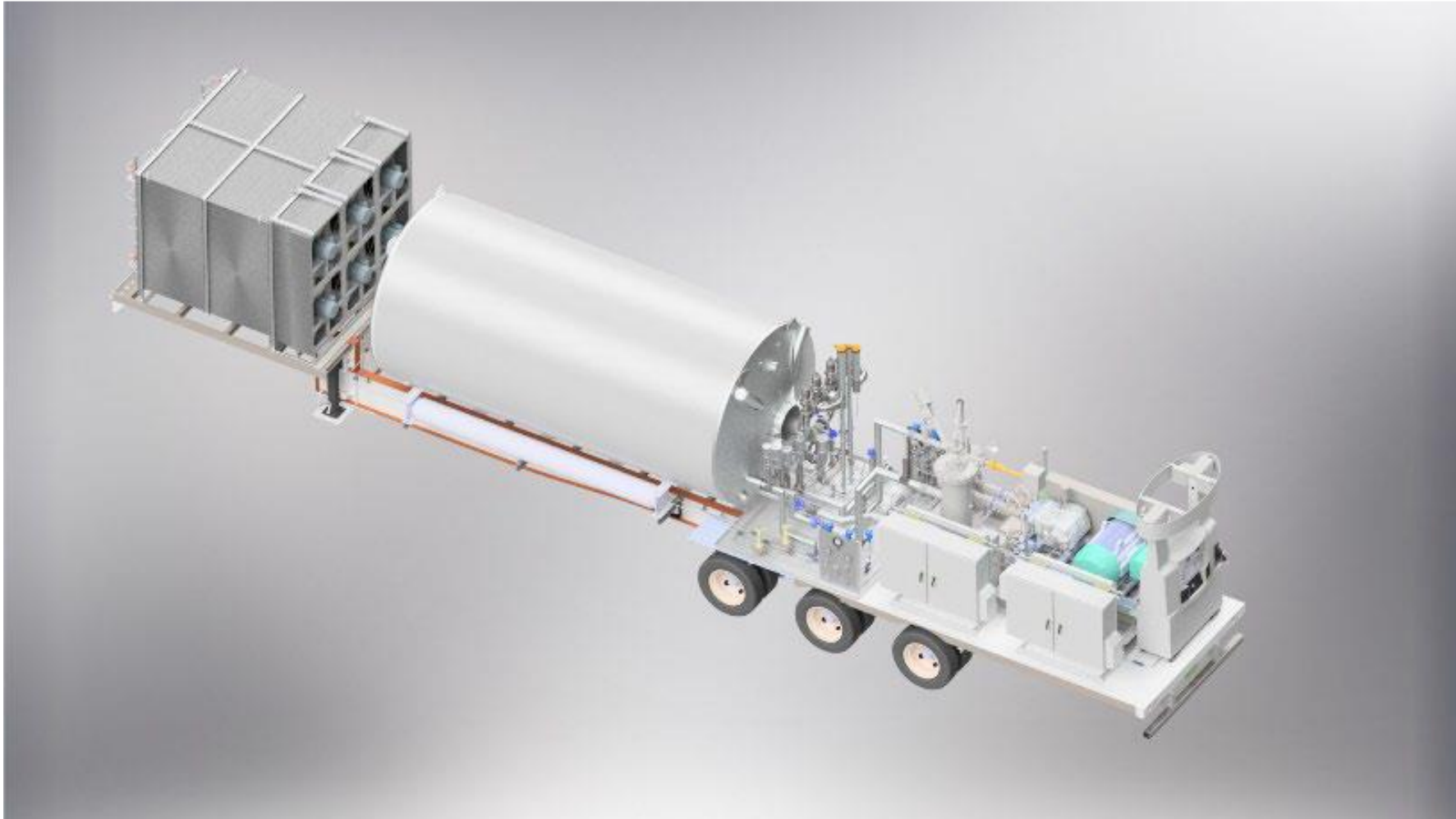
FY2023 Capital Budget Increase

- Current FY23 Capital Budget **\$36,084,672**
- Requested FY23 Capital Budget Increase 4,008,474
- Amended FY23 Capital Budget **\$40,093,146**

Item 9.b.5

- Award Contract to Plug Power for:
 - Mobile Hydrogen Refueler
(Delivery, installation and 2-year lease) \$1,783,560
 - Hydrogen Fuel Supply (2-year supply) 805,000\$2,588,560
- Authorize exercise of the following options:
 - Extend Mobile Refueler Lease (2 addt'l. yrs.) \$1,318,560
 - Or Purchase Mobile Refueler after 2 yrs. \$2,246,826
 - Purchase hydrogen fuel (2 addt'l. yrs.) \$ 805,000

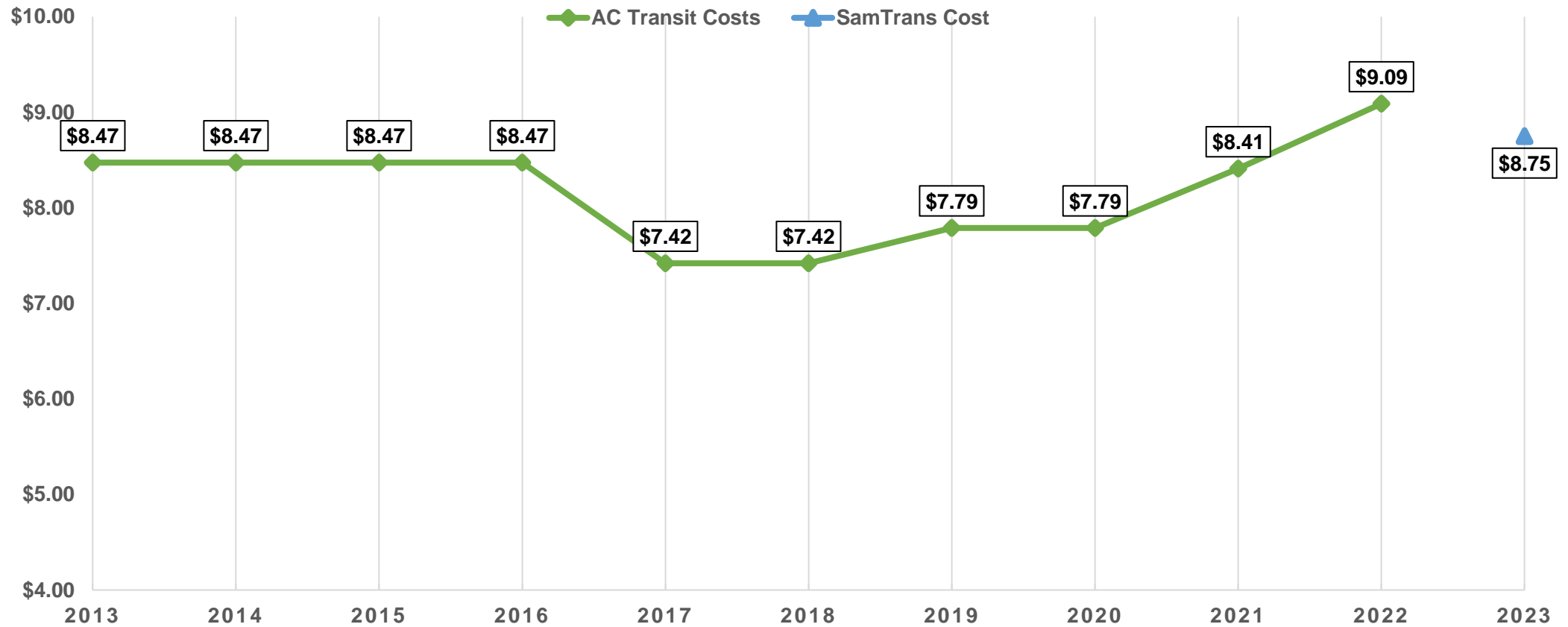
Mobile Hydrogen Refueler



NB Location for Interim H2 Fueling Station



Hydrogen Cost (\$ per kg): 2013 to 2023



Item 9.b.6

- Award contract to Reliable Monitoring Services (RMS) for \$1,419,914
- Contract Scope: Modifications to four maintenance bays at North Base for safe maintenance of hydrogen-fueled buses

North Base Facility Modifications



Questions?