



ALAMEDA-CONTRA COSTA TRANSIT DISTRICT

Master Minute Order

File Number: 22-319

Report ID: 22-319

Type: Regular - Planning

Status: Approved

**Agenda
Section:**

Meeting Body: Board of Directors -
Regular Meeting

Report Created: 05/09/2022

Final Action: 06/22/2022

ded Action: Consider approving the AC Transit Zero Emission Bus Transition Plan.

Sponsors:

Enactment Date:

Attachments: STAFF REPORT, Att.1. AC Transit ZEB Transition
Plan

Enactment Number:

Hearing Date:

Effective Date:

History of Legislative File

Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Board of Directors - Regular Meeting	06/22/2022	Approved				Pass
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Action Text: MOTION: PEEPLES/YOUNG to approve the AC Transit Zero Emission Bus Transition Plan. The motion carried by the following vote:

Notes: Chief Operating Officer Salvador Llamas presented the report.

There were no public comments offered.

Board Discussion:

Director Shaw commented about the funding for the District's zero-emission bus (ZEB) infrastructure and thought that the availability of funding might dictate the composition of the fleet. Looking at the costs of battery-electric versus fuel-cell infrastructures, Director Shaw felt that the fuel-cell technology might prevail because its infrastructure costs are lower. Chief Operating Officer Salvador Llamas advised that the lack of infrastructure funding, specifically the charging infrastructure, is holding the District back from deploying more zero-emission busses because the District's charging facilities are at capacity. He agreed that investment in infrastructure would expedite the transition to zero-emission fleet. Mr. Llamas also clarified that the costs presented in the report include the costs of future facility upgrades that would need to follow the bus technology upgrades.

Director Peeples thanked the staff for their work and for presenting the transition plan and made a motion to approve the AC Transit Zero Emission Bus Transition Plan as presented. Further discussion ensued.

Vice President Young thanked the staff for their effort on the path to meeting the District's zero-emission goals and asked if there was a clear picture of the fleet technology ratio at the end of the transition in 2040. Mr. Llamas explained that aside from trying to balance the 70% to 30% split between the fuel-cell and battery electric busses, it was too early to tell because of variables such as clean corridors, facility footprints, deployment capacities, and staffing.

Vice President Young further commented that the ZEB fleet composition has changed from mostly battery-electric to 70%fuel-cell and asked what has contributed to the shift in the ratio. Mr. Llamas explained that the fuel cell technology has proven to be more responsive to the demands of the community in the past several years because the hydrogen buses would refill faster and be available almost immediately.

President Ortiz commented that the Federal Government is focused on providing funding for the battery-electric technology and assumed that the funding for that infrastructure would be available to the District.

Director Beckles commented that for the public's interest, the report should have included a visual presentation.

Vice President Young seconded the motion on the floor.

Ayes: 7 President Ortiz, Vice President Young, Director Beckles, Director Walsh,
Director McCalley, Director Shaw, Director Peeples
