



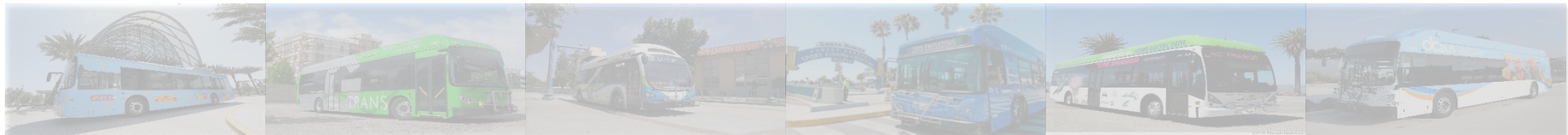
# Innovative Clean Transit (ICT) Program Update

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**RTAP Advisory Committee Meeting**

**November 1, 2022**

*Shirin Barfjani*





# Important Deadlines

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- Start of (Zero-Emission Bus) ZEB purchase requirements for large transit agencies: January 1, 2023
- ICT annual reporting deadline: March 31, 2023
- Omnibus exemption annual application deadline: May 1, 2023
- Rollout Plans submission deadline for small transit agencies: June 30, 2023

# ZEB Purchase Schedule



- ZEB percentage applies on total new bus purchases
- Early ZEB purchases count toward future compliance
- ZEB purchase requirements for other than standard buses start in 2026 or later, once they pass the Altoona testing

Year	ZEB Percentage of Total New Bus Purchases	
	Large Transit Agency	Small Transit Agency
2023	25%	-
2024	25%	-
2025	25%	-
2026	50%	25%
2027	50%	25%
2028	50%	25%
2029 & after	100%	100%



# Innovative Clean Transit Reporting Tool

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- No major updates to the tool
- Opens in early-January and remains available through March 31, 2023 (<https://ictrt.carb.arb.ca.gov/>)
- 2021 guidance document and webinar recording available at the ICT [Reporting Tool & Data](#)
- All transit agencies required to report



# Heavy-Duty Engine and Vehicle Omnibus Regulation (Omnibus Regulation)

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- Has been effective since December 22, 2021
- Tightens NOx emissions standards, and lengthens useful life and emissions warranty of heavy-duty diesel engines on vehicles with GVWR >10,000 lbs.
- The only transit bus diesel-fueled engine manufacturer announced it will no longer produces these engines starting with the 2024 model year and it plans to increase the price of the diesel-fueled urban bus engines starting with the 2022 model year





# Bus Exemption in the Omnibus Regulation

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- Exemptions are available to transit agencies
- Application deadline is May 1<sup>st</sup> of each year
- Each approved request covers purchases and deliveries of three consecutive calendar years
  - All exempt buses must be delivered by the end the year three
- An approved request allows the purchase of federal certified diesel engines
  - Requirements and procedure is summarized in the [Omnibus Exemption Request Guidance Document](#)
  - [Webinar](#) provided on February 4, 2022



# Rollout Plan and the Guidance Document

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- Individual transit agency plan on how to transition to ZEBs by 2040
  - Non-binding and could be a living document
  - Timelines are estimated based on best input from partners, e.g. utilities, fuel providers, or contractors
  - The Air Resources Board enforces the submittal of the initial Rollout Plan but not its implementation
- Rollout Plan [Guidance Document](#) available online
  - Guidance document with sample response shared by CalACT
- Rollout Plans of large and some small transit agencies are posted on the [ICT Rollout Plan](#) webpage



# Required Rollout Plan Components

- Must include all these elements to consider complete
  - Goal of full transition to ZEBs by 2040 while considering minimum useful life of buses
  - Planned bus purchase schedule
  - Planned schedule for conversion of conventional buses to ZEBs
  - Identification of types of ZEB technologies planning to deploy
  - Infrastructure build out schedule, location, and type
  - Workforce training (planner, technician, driver, etc.)
  - Description of how ZEBs would serve disadvantaged communities
  - Identification of potential funding sources







# Contacts and Links

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- Shirin Barfjani, Lead Staff ([Shirin.Barfjani@arb.ca.gov](mailto:Shirin.Barfjani@arb.ca.gov))
- ICT program email ([ICT@arb.ca.gov](mailto:ICT@arb.ca.gov))
- Innovative Clean Transit Reporting Tool (<https://ictrt.carb.arb.ca.gov/>)
- Funding Finder Tool (<https://fundingfindertool.org/>)