



Pomona Valley  
Transportation  
Authority

A partnership of the cities of Claremont, La Verne, Pomona and San Dimas

2120 Foothill Boulevard ■ Suite 116 ■ La Verne California 91750  
phone 909-596-7664 fax 909-596-7399

September 9, 2020

**AGENDA  
ITEM #6**

**MEMORANDUM**

**To:** Pomona Valley Transportation Authority

**From:** Nicole Carranza, Sr. Program Manager

**Subject:** **Zero Emission update on Innovative Clean Transit (ICT) Regulation.**

**Recommended Action:** *City support in planning by appointing appropriate staff to assist with electric charger infrastructure plans to meet the ICT regulation.*

**Summary**

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The Innovative Clean Transit regulations will begin to affect PVTA as early as 2026. PVTA has begun initial research by attending conferences and conducting site visits to learn more about the fleet electrification process and attending the monthly LA region electric bus working group (LAEBWG) meetings. Additionally, at the LAEBWG and in other forums we are regularly connected with CARB representatives and given guidance and updates on the ICT regulation.

The process of converting fleets of vehicles to zero emissions will require years of planning and collaboration between cities and transit agencies. The infrastructure can be very costly for cities and transit agencies if strategic planning is not put in place.

There are several aspects to consider when planning for electric:

- Funding - Collaboration is highly encouraged and beneficial in the planning stage and grant solicitation process. There are a variety of grants available from public to private funding.
- Infrastructure - Cities will need to consider reconfiguring electric grids to allow for electric conduits to be installed for electric vehicle charging stations.
- EV's in need of charging – regulation will eventually require a variety of fleets to run on zero emissions like, freight trucks, fleets of vehicles, public transit to personal vehicles. Cities will need to accommodate charging stations for different types of EV's.
- Utility Companies – Electric, gas and water companies will need to be consulted for power, grid planning, budget planning and funding purposes.
- Sustainability – The cities will need to decide on the source of energy they would like to implement battery electric or renewable sources such as hydrogen fuel, solar or wind.
- Safety – Fire departments will need to be heavily involved during the infrastructure planning to help prevent and support emergency situations.

## Recommendation

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Staff will begin to take the following action:

***Zero Emissions Planning Committee*** - **The initial committee meeting is tentatively scheduled for *September 30th*.** These meetings will be useful to continue education and begin planning for the transition to zero emissions. The committee should be cross-disciplinary, including appointed city staff and agencies that would be involved in one or several aspects of the planning or implementation of zero emission regulations. The committee will serve as a forum to share future plans and encourage collaboration between cities. The committee can be initially facilitated by PVTA to initiate collaboration among the stakeholders.

***Roll Out Plan*** - The ICT regulation requires each transit agency to submit a complete Zero-Emission Bus Rollout Plan (Rollout Plan) before ZEB purchase requirements take effect. The deadline for smaller agencies like PVTA to submit a rollout plan will be July 2023. The Rollout plan is a Board approved living document and is meant to guide the implementation of zero-emission bus fleets and help transit agencies work through many of the potential challenges and explore solutions.

***Grant preparations*** - PVTA is actively seeking grants that will assist with funding the different aspects of transitioning to a zero-emission fleet.

1. Planning - 4 city roll out plan
2. Capital - Vehicles, chargers
3. Infrastructure - collaborate with cities to determine the best charging sites.

Actively attending the LA regional bus working group meetings keeps PVTA aware of the CARB updates and different funding opportunities and deadlines. In order to be successful at meeting the deadlines it's important to quickly develop a roll out plan that will be beneficial to the 4 cities.