



Sustainable Freight Advisory Committee

Zero-Emission Drayage Trucks Recommendation

The Committee recommends to the Mayor and the Port of Los Angeles that the Port pursue the evaluation and demonstration of zero-emission drayage trucks in preparation for a feasibility report in 2020, or sooner. The project should include the following elements:

- Survey and summarize the status of currently funded zero-emission (battery and fuel cell) drayage truck projects in California.
- Assess the likely timeframe that POLA could begin to develop a “second wave” ZE drayage truck deployment based on developments and outcomes from on-going ZE drayage truck projects.
- Identify potential additional needs in on-going projects that relate to types of drayage truck operations, demonstration of feasibility, scale of demonstrations, and/or other such factors.
- Provide a publicly available report documenting the assessment and identification of additional needs.
- Based upon the identified additional needs, support a “second wave” deployment of a meaningful number of units (50 to 100, if not more), with the deployment anticipated in the 2018 – 2019 timeframe. This deployment will be means to augment or expand the existing funded projects and move toward a determination of feasibility for 2020 feasibility report.
- Document in the 2020 feasibility report the next steps for additional ZE drayage truck deployments and feasibility reports in 2025 and 2030.
- Work to commence scaled deployments of ZE drayage trucks in 2020 in order to achieve an ultimate goal of a 100 percent ZE drayage truck fleet in the ports by 2035.