



THE PORT  
OF LOS ANGELES LA

AMERICA'S PORT®

# RockeTruck, Inc. Demonstration Project


## TECHNOLOGY ADVANCEMENT PROGRAM AGREEMENT

Presented by:

Lisa Wunder  
Director of Environmental Management

Presented to:

Board of Harbor Commissioners  
March 26, 2026



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# Recommendation

Approve a three-party Technology Advancement Program Agreement among the City of Los Angeles Harbor Department, the Port of Long Beach, and RockeTruck, Inc. to fund the Electric Vehicle Direct Current Hub Project



# Technology Advancement Program



- It is a joint Port of Los Angeles/Port of Long Beach incentive program designed to encourage technology innovation, demonstrate technology effectiveness, and provide more options for emission reductions in the San Pedro Bay.
- Project proposals are reviewed by a Technical Advisory Committee comprised of staff from POLA, POLB, South Coast Air Quality District, California Energy Commission, California Air Resources Board, and US Environmental Protection Agency.
- Innovative truck charging projects are reviewed and recommended through this review committee and funded with Clean Truck Fund rather than TAP funding.

# Electric Vehicle Direct Current Hub Project

- RockeTruck will design, build, and demonstrate a fast-charging solution for ZE trucks.
- Project will validate that DC power distribution can charge vehicles efficiently.
- Technology uses an innovative solid-state transformer to convert medium voltage AC power to medium voltage DC power, which is then distributed to DC fast chargers capable of fully charging a truck in two hours or less.
- Project team and Funding Partners:  
RockeTruck, Zeem Solutions, ARRS Technologies, Southern California Edison, California State University Los Angeles, Coalition for Clean Air, and the California Energy Commission
- Total cost: \$5,078,021

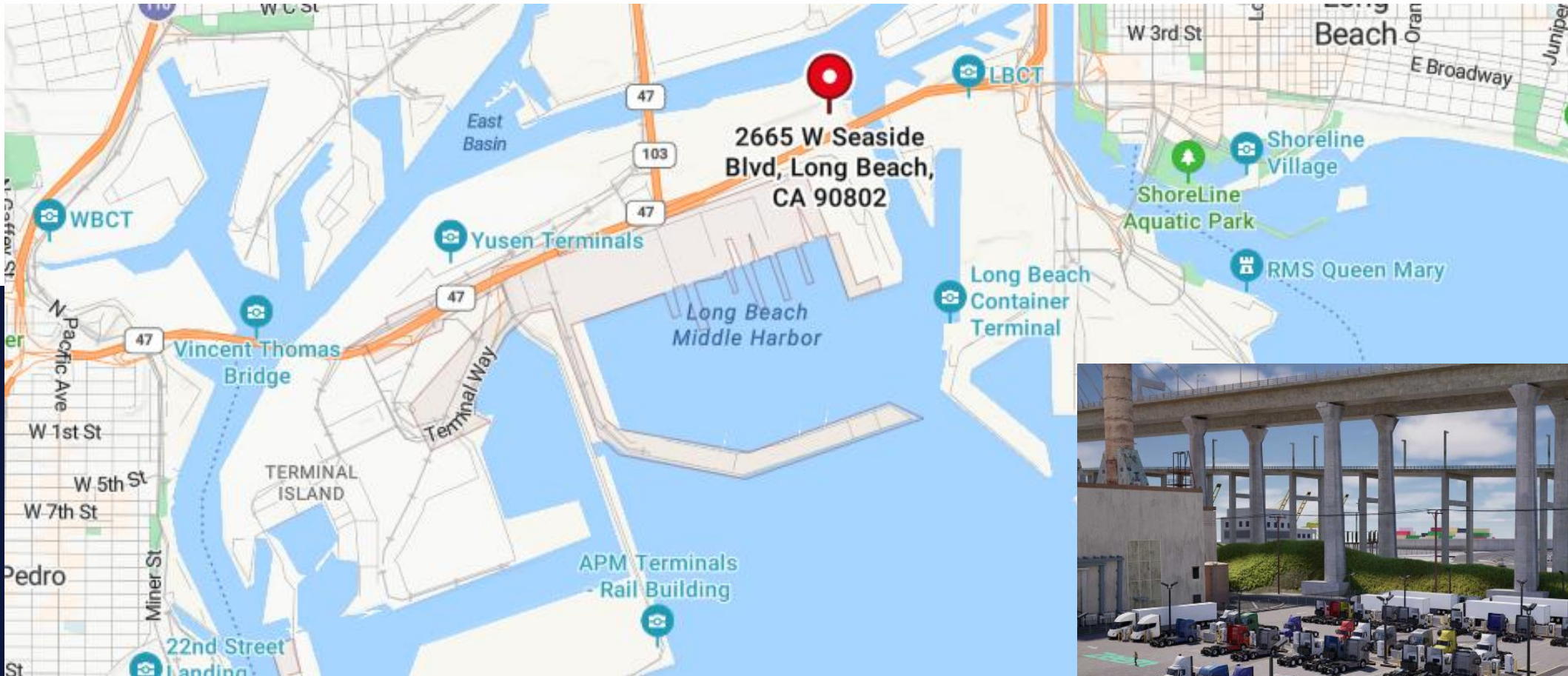
# Project Funding & Agreement

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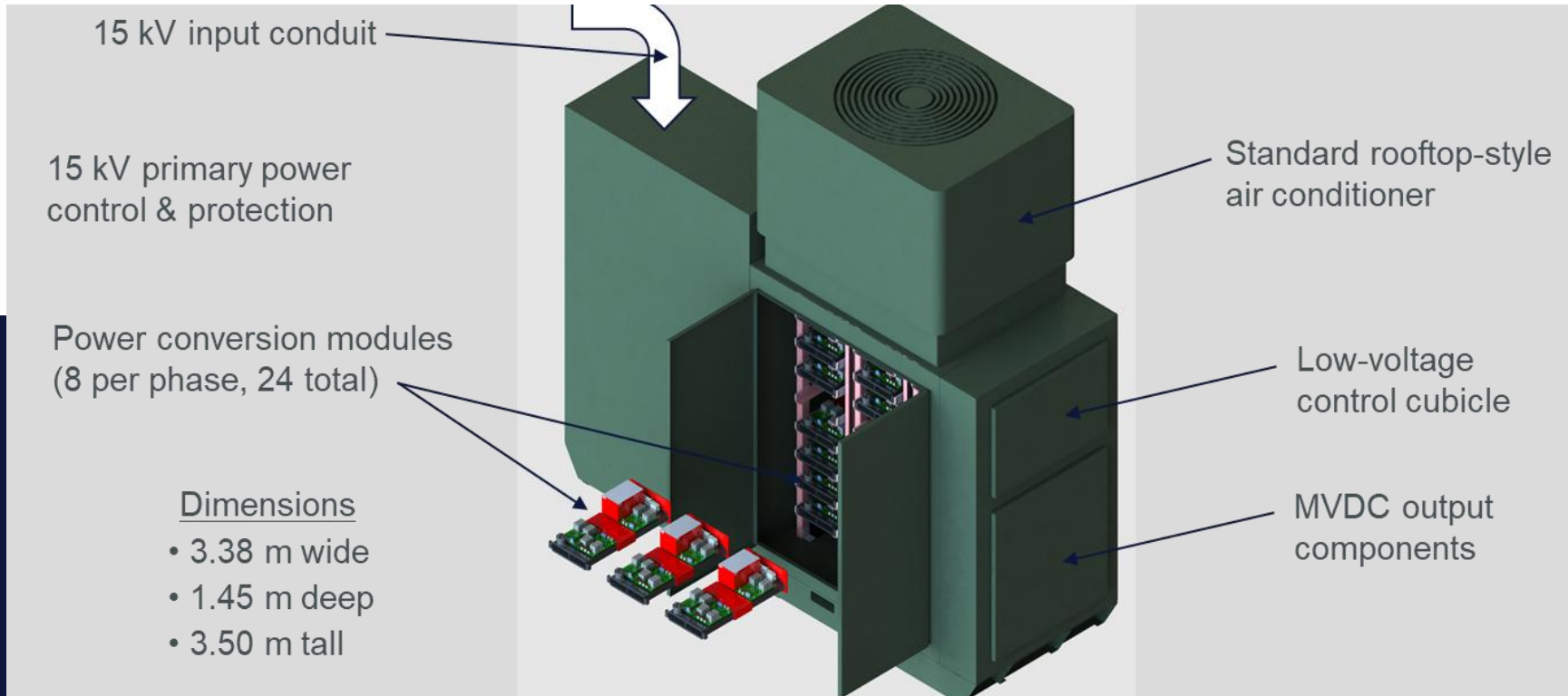
|                              |                  |
|------------------------------|------------------|
| California Energy Commission | \$4,000,000      |
| Zeem Solutions               | \$200,000        |
| RockeTruck                   | \$158,021        |
| Southern California Edison   | \$120,000        |
| POLA/POLB                    | <u>\$600,000</u> |
| Total Project Cost:          | \$5,078,021      |

Proposed three-party Agreement commits each Port to allocate \$300,000 of Clean Truck Funds for this project for a term of three years.

# Project Location



# RT-800 Solid State Transformer





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THANK YOU



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