

| DOCKETED | |
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| Description: | Presentation by Morgan Caswell, Manager of Air Quality Practices for the Port of Long Beach |
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Port of
LONG BEACH
THE PORT OF CHOICE

2020 IEPR Workshop

Morgan Caswell

Manager of Air Quality Practices

May 20, 2020

An aerial photograph of a large port facility, likely the Port of Los Angeles, with a city skyline in the background. The port is filled with shipping containers, cranes, and several large cargo ships. The water is a deep blue-green, and the sky is a mix of blue and orange, suggesting a sunset or sunrise. A semi-transparent dark blue rectangle is overlaid on the bottom half of the image, containing white text.

STATE TIDELANDS TRUST

PROMOTE TRADE, BUILD PORT



MAJOR ECONOMIC ENGINE

\$BILLIONS IN TRADE, THOUSANDS OF JOBS

CLEAN AIR ACTION PLAN



ZE CARGO-HANDLING EQUIPMENT BY 2030

ZE HEAVY-DUTY PORT TRUCKS BY 2035

START PHASE 1
CARB \$50 MILLION

- 33 ELECTRIC YARD TRACTORS
- 1 ELECTRIC TOP HANDLER
 - NZE TUGBOAT
 - TIER 3 SHIPS
- 5 ELECTRIC TRUCKS

ZE EQUIPMENT
TRANSITION PROJECT
CEC \$9.75 MILLION

- 12 ELECTRIC YARD TRACTORS
 - 9 ELECTRIC RTG
- 4 LNG HYBRID ELECTRIC TRUCKS

\$73 MILLION
GRANT-FUNDED,
ZERO-EMISSIONS PROJECTS

PAVE PROJECT
CEC \$8 MILLION

- 6 ELECTRIC YARD TRACTORS
 - INSTALL ELECTRICAL CHARGING INFRASTRUCTURE AND BATTERY STORAGE

ELECTRIC VEHICLE
BLUEPRINT
CEC \$200,000
EVALUATE ELECTRIC INFRASTRUCTURE REQUIREMENTS, FINANCING AND OTHER NEEDS

C-PORT PROJECT
CARB \$5.3 MILLION

- 3 ELECTRIC TOP PICK
- 1 ELECTRIC YARD TRACTOR
- 1 FUEL CELL YARD TRACTOR



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THANK YOU