

Zero Emissions Roadmap

City of Long Beach

Transportation and Infrastructure Committee



Port of
LONG BEACH

The Green Port

Zero Emissions Roadmap

- Presented at July 2010 Joint Board Meeting
- Focus on feasible near-term technology development
- Local (Port) and regional focus
- Flexibility for the future
- Scalability to the region
- Regional connectivity
- Success requires collaboration

Roadmap for Moving Forward with
Zero Emission Technologies
at the Ports of Long Beach and Los Angeles



Technical Report

Updated August 2011

FINAL

Near-term Actions

- Move forward with technology demonstrations through TAP
- Work with Regional Collaborative and engage additional stakeholders
- Seek grants and funding opportunities



Regional Collaborative

Objective: work together on the advancement of zero emission trucks for regional benefits



Technology Advancement Program

Projects – Current and Proposed

- Balqon Lithium-Ion Battery On-Road Truck and Yard Tractor
- Balqon Lithium-Ion Battery Yard Tractor
- Transpower ElecTruck™ All-Electric On-Road Truck
- Transpower ElecTruck™ All-Electric Off-Road Yard Tractor
- Overhead Catenary System Demonstration
- Others



POLB Zero Emission Equipment Grant Program

- Operational and Reliability Demonstration Projects
- Incentives for Proven Zero Emission Technologies
- Incentives for Zero Emission Infrastructure



Next Steps

- Port TAP funds to continue to support near-term technology advancement
- Grant funding to support projects
- Advocate for additional funding
- Collaborate with regional partners and stakeholders