

Proposition 1B: Goods Movement Emission Reduction Program
Bay Area Trade Corridor
Grant: G08GMBS1 Ships at Berth
Solicitation Name: Ships at berth & Cargo Handling Equipment - A
Bay Area Air Quality Management District
Approved Preliminary Ranked List

Project Information										Emission Reductions, Scoring and Ranking							
Applicant Name	ARB Equipment Project ID	Port/Rail Yard	Berth Identifier	Equipment Project Option	Bond Funding \$	Total State Funding \$	Non-Bond Funding \$	Total Eligible Project Cost \$	Oper. Year	PM Reductions (lbs)	NOx Reductions (lbs)	Weighted Emission Reductions (lbs)	Weighted Emission Reduction Score	Cost Effectiveness (lbs/State \$)	Cost Effectiveness Score	Competitive Score	Final Ranking
Port of Oakland	G08GMBS1_00008	Oakland	25	Grid based	2,500,000	2,500,000	4,122,875	5,629,443	2014	10,548	618,005	828,965	2	0.3316	2	4	1
Port of Oakland	G08GMBS1_00009	Oakland	67	Grid based	2,500,000	2,500,000	3,965,000	5,495,250	2014	723	42,342	56,802	1	0.0227	1	2	2
					5,000,000	5,000,000	8,087,875	11,124,693		11,271	660,347	885,767					

Berth Activity Data (used to calculate emission reductions)

Equipment Project Information					Details of Projected Berth Visits that will Utilize Bond Funded Equipment (plug-in visits only)							
ARB Equipment Project ID	Port	Berth Name	Performance Compliance Option	Total Visits per Year to Berth	Period of Operation	Vessel Type	# of Vessels	Visits/ Year (by vessel type)	Average Hoteling Time (Hr)	In-use Aux Power (kW)	Total Aux Power(kW)	Load Factor
G08GMBS1_00008	Oakland	25	Option 2: All Vessels	120	2014-2016	Container 4000-4999	12	6	17	7,068	1,272	0.18
					2017-2019	Container 4000-4999	12	8	17	7,068	1,272	0.18
					2020 and beyond	Container 4000-4999	12	9	17	7,068	1,272	0.18
G08GMBS1_00009	Oakland	67	Option 2: All Vessels	7	2014-2016	Container 2000-2999	2	2.1	17	8,299	1,494	0.18
					2017-2019	Container 2000-2999	2	2.8	17	8,299	1,494	0.18
					2020 and beyond	Container 2000-2999	2	3.15	17	8,299	1,494	0.18