

**Proposition 1B: Goods Movement Emission Reduction Program  
 LA/Inland Empire Trade Corridor  
 Grant: G08GMLL1 Locomotives  
 Solicitation Name: PA# 2011-10 Locomotives and Rail Yards (05/01/2011 - 06/07/2011)  
 South Coast Air Quality Management District  
 Approved Preliminary Ranked List**

Project Information																	Emission Reductions, Scoring and Ranking							
Applicant Name	ARB Equipment Project ID	Local Agency Equipment ID	Equipment Project Option	Project Type	Bond Funding (\$)	Total State Funding (\$)	Non-Bond Funding (\$)	Total Eligible Project Cost (\$)	Old Control Level	Old Engine Model year	New Control Level	NOx EF (g/bhp-hr)	PM EF (g/bhp-hr)	Annual Fuel Usage (gals.)	CA Oper	New Fuel Type	PM Reduct. (lbs.)	NOx Reduct. (lbs.)	Wtd. Emission Reduct. (lbs.)	Wtd. Emission Reduct. Score	Cost Effect. (lbs./State \$)	Cost Effect. Score	Competitive Score	Final Ranking
BNSF Railway Company	G08GMLL1_00010	MHP09.01	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	6	0.2208	6	12	1
BNSF Railway Company	G08GMLL1_00012	MHP09.02	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	5	0.2208	5	10	2
BNSF Railway Company	G08GMLL1_00015	MHP09.03	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	4	0.2208	4	8	3
BNSF Railway Company	G08GMLL1_00016	MHP09.04	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	3	0.2208	3	6	4
BNSF Railway Company	G08GMLL1_00017	MHP09.05	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	2	0.2208	2	4	5
BNSF Railway Company	G08GMLL1_00018	MHP09.06	MHP Line-Haul Locomotive	Repower	750,000	750,000	1,050,000	1,800,000	Tier 0	1965	4.0 g/bhp-hr or less NOx & Tier 3 or lower PM	4.0	0.10	20,000	100%	Diesel	5,171	62,177	165,604	1	0.2208	1	2	6
					<b>4,500,000</b>	<b>4,500,000</b>	<b>6,300,000</b>	<b>10,800,000</b>									<b>31,028</b>	<b>373,060</b>	<b>993,624</b>					