

Proposition 1B: Goods Movement Emission Reduction Program
LA/Inland Empire Trade Corridor
Grant: G14GMLL1 Locomotives
Solicitation Name: PA2016-04
South Coast Air Quality Management District
Approved Preliminary Rank List

Project Information								Old Locomotive			New Locomotive			Emission Reductions, Scoring and Ranking								
Applicant Name	ARB Equipment Project ID	Local Agency Equip. ID	Equip. Project Option	Project Type	Program Funding Request (\$)	Total State Funding (\$)	Total Equip. Project Cost (\$)	Emission Control Level	Old Engine Model Year	Annual Fuel Usage (gallons)	PM Emission Level (g/bhp-hr)	NOx Emission Level (g/bhp-hr)	CA Oper.	PM E/R (lbs)	NOx E/R (lbs)	Weighted E/R (lbs)	Weighted E/R Score	CE (lbs/ State \$)	CE Score	Total Score	Final Ranking	
BNSF Railway Company	G14GMLL1_00004	001-7719	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	115,100	1.3	0.03	100%	9,540	255,222	446,020	11	0.23	11	22	1	
BNSF Railway Company	G14GMLL1_00007	001-7752	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	113,595	1.3	0.03	100%	9,415	251,885	440,188	10	0.23	10	20	2	
BNSF Railway Company	G14GMLL1_00008	001-7774	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	112,325	1.3	0.03	100%	9,310	249,069	435,267	9	0.23	9	18	3	
BNSF Railway Company	G14GMLL1_00002	001-7714	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	107,330	1.3	0.03	100%	8,896	237,993	415,911	8	0.22	8	16	4	
BNSF Railway Company	G14GMLL1_00009	001-7732	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	107,013	1.3	0.03	100%	8,870	237,290	414,682	7	0.22	7	14	5	
BNSF Railway Company	G14GMLL1_00003	001-7777	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	104,140	1.3	0.03	100%	8,632	230,919	403,549	6	0.21	6	12	6	
BNSF Railway Company	G14GMLL1_00001	001-7746	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	101,965	1.3	0.03	100%	8,451	226,097	395,121	5	0.21	5	10	7	
BNSF Railway Company	G14GMLL1_00006	001-7767	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	96,010	1.3	0.03	100%	7,958	212,892	372,045	4	0.19	4	8	8	
BNSF Railway Company	G14GMLL1_00005	001-7705	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	81,760	1.3	0.03	100%	6,777	181,294	316,825	3	0.17	2	5	9	
Metro Ports Long Beach	G14GMLL1_00011	002-9503	MHP Line-Haul Locomotive	Replace	1,200,000	1,200,000	2,729,000	Uncontrolled (pre-Tier 0)	1973	16,433	1.3	0.03	100%	4,764	110,813	206,098	1	0.17	3	4	10	
BNSF Railway Company	G14GMLL1_00010	001-7735	Line-Haul Locomotive	Replace	1,920,000	1,920,000	3,000,000	Tier 2	2005	68,965	1.3	0.03	100%	5,716	152,923	267,244	2	0.14	1	3	11	