

EPA ARRA: Project 4 - SmartWay Kit Upgrade Project
Staff Funding Recommendations

Summary of Funding Recommendations:

Projects Ranked in Order of the Following Criteria:

Cost per Ton of Nitrogen Oxides (NOx) Reductions

Cost per Ton of Carbon Dioxide (CO2) and Diesel Reductions

Location of Travel: Projects Domiciled in DFW Ozone Nonattainment Area Given

Staff recommends awarding full funding to as many projects as possible, in order of the criteria outlined above. As funds are exhausted, partial funding is recommended to the project which ranks last. Determining criteria for each project is shaded.

Partner/ Subgrantee	Project Description	Location	Total Project Cost	Federal Funds Requested	Percent of Project Cost Requested	Cost per Ton of NOx Reduced (Over Project Life)	Cost per Ton of CO ₂ Reduced (Over Project Life)	Cost per Gallon Diesel Displaced (Over Project Life)	Cost per Ton of PM Reduced (Over Project Life)	Staff Funding Recommendation		
										Recommended Subaward	% of Funding Requested	Remarks
Projects Recommended for Full Funding												
Design Transportation, Inc.	30 APUs for Long-Haul Trucks	Domiciled in DFW	\$238,440	\$238,440	100%	\$9,003.99	\$207	\$2.30	\$385,812	\$238,440	100.00%	
Southeastern Freight Lines	Cetane Enhancers for 100 Long-Haul Trucks	Some Travel in DFW	\$135,580	\$107,100	79%	\$13,137.88	\$17	\$0.18	NA	\$107,100	100.00%	
HT Bar, Inc.	38 APUs for Long-Haul Trucks	Domiciled in DFW	\$361,000	\$361,000	100%	\$13,692.29	\$315	\$3.50	\$586,701	\$345,800	95.79%	Applicant anticipates receiving a 5% discount from their vendor
Production and Rigging Resources, Inc.	1 APU for a Long-Haul Truck	Domiciled in DFW	\$9,500	\$9,500	100%	\$17,685.87	\$407	\$4.52	\$757,822	\$9,500	100.00%	
Southeastern Freight Lines	10 APUs for Long-Haul Trucks	Some Travel in DFW	\$120,000	\$84,000	70%	\$18,043.89	\$415	\$4.61	\$773,163	\$84,000	100.00%	
PNK, Inc.	7 APUs for Long-Haul Trucks	Some Travel in DFW	\$83,000	\$83,000	100%	\$24,080.83	\$554	\$6.15	\$1,031,840	\$83,000	100.00%	
Evans Transportation	1 APU for a Long-Haul Truck	Some Travel in DFW	\$10,664	\$10,464	98%	\$31,168.84	\$717	\$7.96	\$1,335,554	\$10,464	100.00%	
Southeastern Freight Lines	5 APUs for Long-Haul Trucks	Some Travel in DFW	\$60,000	\$42,000	70%	\$36,087.77	\$831	\$9.22	\$1,546,325	\$42,000	100.00%	
Frito-Lay North America, Inc.	Low Rolling Resistance Tires for 30 Long-Haul Tractors and 30 Trailers	Domiciled in DFW	\$120,000	\$90,000	75%	NA	\$88	\$0.97	NA	\$90,000	100.00%	
PNK, Inc.	Trailer side skirts and low rolling resistance tires for 15 Long-Haul Trucks	Some Travel in DFW	\$146,821	\$146,821	100%	NA	\$134	\$1.48	NA	\$146,821	100.00%	
Frito-Lay North America, Inc.	Trailer side skirts & Trailer Gap Reducers for 30 Long-Haul Trailers	Domiciled in DFW	\$105,000	\$78,750	75%	NA	\$137	\$1.52	NA	\$78,750	100.00%	
HT Bar, Inc.	Low Rolling Resistance Tires for 14 Long-Haul Trucks	Domiciled in DFW	\$48,160	\$48,160	100%	NA	\$166	\$1.84	NA	\$48,160	100.00%	
Frito-Lay North America, Inc.	Trailer side skirts & Trailer Gap Reducers for 10 Long-Haul Trailers	Domiciled in DFW	\$35,000	\$26,250	75%	NA	\$205	\$2.28	NA	\$26,250	100.00%	
Projects Recommended for Partial Funding												
Southeastern Freight Lines	Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Trailer Side Skirts on 150 Trailers	Some Travel in DFW	\$1,433,000	\$1,122,200	78%	NA	\$205	\$2.28	NA	\$202,742	18.07%	Partial funding is anticipated to result in upgrade of approximately 36 units (9 tractors, 27 trailers)
NCTCOG Administrative Costs				\$59,752						\$37,130	62.14%	
Total			\$2,906,165	\$2,507,437						\$1,550,157		
EPA Award										\$1,550,157		

APU: Auxiliary Power Unit

NA: Not Available at this time; EPA has verified these technologies as resulting in some NOx reduction but has not published the amount.