

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions For Calendar Year 2012 (California Health and Safety Code Section 40709.5)

Effective January 1, 1993, Assembly Bill 3785 (AB 3785) amended Health and Safety Code (HSC) Section 40709.5 to require each air pollution control district to publish a report summarizing Emission Reduction Credit (ERC) transactions¹, and the transaction costs. The South Coast AQMD also presents this information to the California Air Resources Board (CARB), which prepares an annual publication for statewide distribution.

Table 1 is a summary of ERC transactions for Calendar Year 2012. Table 1 totals, by pollutant, the number of ERC transactions, the quantity of ERCs transferred in units of pounds per day and tons per year, and the average price paid for each ERC. Each ERC that is the subject of these transactions was generated from the shutdown of a stationary source.

Table 1. ERC Transactions – Calendar Year 2012

Criteria Pollutant	No. of ERC Transfer Transactions²	Quantity of ERCs Transferred³ (lb/day)	Annualized Quantity of ERCs Transferred (ton/year)	Average Transaction Cost⁴ (\$/ton/year)
CO	4	199	36.32	\$1,093
NOx	1	5	0.91	\$24,658
PM10	1	4	0.73	\$575,342
ROG	43	165	30.11	\$24,743
SOx	0	0	0	\$0

¹ This report does not include RECLAIM Trading Credit (RTC) transactions.

² Includes all privately held ERC certificates which transferred ownership regardless of cost (see Table 2). Short Term Emission Reduction Credit (STERC) transactions are counted as a single transaction, which includes the yearly increments and the permanent credit.

³ Includes the total amount (pounds per day) of ERCs transferred regardless of cost.

⁴ Based only on those ERCs transactions that include sales cost (see Table 2).

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Tables 2a through 2e provide details on the amount and cost of each offset transaction for CO, NOx, PM10, ROG, and SOx, respectively. The Average Transaction Cost (\$/ton/year) does not include barter or subsidiary transactions. This information shall remain on file at AQMD for public review and distribution. As specified in HSC Section 40709.5(e), the reported information does not disclose the identity of the transacting parties.

Table 2a – CO ERCs Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC-12-002	CO	100	100	10,000	18.25	548
SC-12-003	CO	41	300	12,300	7.48	1,644
SC-12-004	CO	24	300	7,200	4.38	1,644
SC-12-005	CO	34	300	10,200	6.21	1,644
	TOTAL	199			36.32	
	TOTAL WITH \$ AMOUNT	199		39,700	36.32	
	AVERAGE COST		199.50			1093

Table 2b – NOx ERCs Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC-12-006	NOX	5	4,500	22,500	0.91	24,658
	TOTAL	5			0.91	
	TOTAL WITH \$ AMOUNT	5		22,500	0.91	
	AVERAGE COST		4,500			24,658

Table 2c – PM10 ERCs Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC12-007	PM10	4	105,000	420,000	0.73	575,342
	TOTAL	4			0.73	
	TOTAL WITH \$ AMOUNT	4		420,000	0.73	
	AVERAGE COST		105,000			575,342

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Table 2d – ROG ERCs Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC-12-008	ROG	1	1,200	1,200	0.18	6,575
SC-12-009	ROG	3	1,200	3,600	0.55	6,575
SC-12-010	ROG	6	3,000	18,000	1.10	16,438
SC-12-011	ROG	2	3,000	6,000	0.37	16,438
SC-12-012	ROG	3	3,000	9,000	0.55	16,438
SC-12-013	ROG	3	3,000	9,000	0.55	16,438
SC-12-014	ROG	2	3,200	6,400	0.37	17,534
SC-12-015	ROG	3	3,200	9,600	0.55	17,534
SC-12-016	ROG	2	3,200	6,400	0.37	17,534
SC-12-017	ROG	3	3,200	9,600	0.55	17,534
SC-12-018	ROG	2	3,200	6,400	0.37	17,534
SC-12-019	ROG	3	4,400	13,200	0.55	24,110
SC-12-020	ROG	5	4,500	22,500	0.91	24,658
SC-12-021	ROG	4	4,900	19,600	0.73	26,849
SC-12-022	ROG	2	4,900	9,800	0.37	26,849
SC-12-023	ROG	5	5,000	25,000	0.91	27,397
SC-12-024	ROG	19	5,400	102,600	3.47	29,589
SC-12-025	ROG	2	5,400	10,800	0.37	29,589
SC-12-026	ROG	6	5,500	33,000	1.10	30,137
SC-12-027	ROG	6	5,500	33,000	1.10	30,137
SC-12-028	ROG	2	5,500	11,000	0.37	30,137
SC-12-029	ROG	3	5,500	16,500	0.55	30,137
SC-12-030	ROG	3	5,500	16,500	0.55	30,137
SC-12-031	ROG	2	5,800	11,600	0.37	31,781
SC-12-032	ROG	4	5,800	23,200	0.73	31,781
SC-12-033	ROG	2	Internal Transfer	0	0.37	0
SC-12-034	ROG	3	Internal Transfer	0	0.55	0
SC-12-035	ROG	3	Internal Transfer	0	0.55	0
SC-12-036	ROG	1	Internal Transfer	0	0.18	0
SC-12-037	ROG	3	Internal Transfer	0	0.55	0
SC-12-038	ROG	3	Internal Transfer	0	0.55	0
SC-12-039	ROG	4	Internal Transfer	0	0.73	0

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC-12-040	ROG	1	Internal Transfer	0	0.18	0
SC-12-041	ROG	3	Internal Transfer	0	0.55	0
SC-12-042	ROG	3	Internal Transfer	0	0.55	0
SC-12-043	ROG	1	Internal Transfer	0	0.18	0
SC-12-044	ROG	2	Internal Transfer	0	0.37	0
SC-12-045	ROG	3	Internal Transfer	0	0.55	0
SC-12-046	ROG	2	Internal Transfer	0	0.37	0
SC-12-047	ROG	6	Internal Transfer	0	1.10	0
SC-12-048	ROG	15	Internal Transfer	0	2.74	0
SC-12-049	ROG	5	Internal Transfer	0	0.91	0
SC-12-050	ROG	9	Internal Transfer	0	1.64	0
TOTAL		165			30.11	
TOTAL WITH \$ AMOUNT		96		433,500	17.52	
AVERAGE COST			4,515.63			24,743

Table 2e – SOx ERCs Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
No SOx Transactions in Calendar Year 2012						