

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions For Calendar Year 2010 (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 2010. 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.

Table 1. ERC Transactions – Calendar Year 2010

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	1	1	0.18	\$5,479
NOx	1	12	2.19	\$54,795
PM10	4	87	15.88	\$1,037,370
ROG	42	549	58.22	\$35,744
SOx	1	1	0.18	\$452,055

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

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).

40709.5(e), the reported information does not disclose the identity of the transacting parties.

Table 2a – CO Transaction Details

SCAQMD No.	Pollutant	Amount (lbs/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC10-002	CO	1	1,000	1,000	0.18	5,479
	TOTAL	1			0.18	
TOTAL WITH \$ AMOUNT		1		11,715,500	29.38	
AVERAGE COST			1,000			5,479

Table 2b – NOx Transaction Details

SCAQMD No.	Pollutant	Amount (lbs/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC10-003	NOx	12	10,000	120,000	2.19	54,795
	TOTAL	12			2.19	
TOTAL WITH \$ AMOUNT		12		120,000	2.19	
AVERAGE COST			10,000			54,795

Table 2c – PM10 Transaction Details

SCAQMD No.	Pollutant	Amount (lbs/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC10-005	PM10	37	Agent Transaction	0	6.75	0 ⁵
SC10-007	PM10	3	246,600	739,800	0.55	1,351,233
SC10-006	PM10	7	246,600	1,726,200	1.28	1,351,233
SC10-004	PM10	40	175,000	7,000,000	7.30	958,904
	TOTAL	87			15.88	
TOTAL WITH \$ AMOUNT		50		9,466,000	9.13	
AVERAGE COST			189,320			1,037,370

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Table 2d – ROG Transaction Details

SCAQMD No.	Pollutant	Amount (lbs/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC10-011	ROG	38	Litigation Settlement. No Purchase Price.	0	6.94	0 ⁵
SC10-016	ROG	50	Internal Transfer	0	9.13	0 ⁵
SC10-032	ROG	7	Internal Transfer	0	1.28	0 ⁵
SC10-036	ROG	14	Internal Transfer	0	2.56	0 ⁵
SC10-039	ROG	3	Internal Transfer	0	0.55	0 ⁵
SC10-043	ROG	6	Internal Transfer	0	1.10	0 ⁵
SC10-047	ROG	14	Internal Transfer	0	2.56	0 ⁵
SC10-048	ROG	10	Internal Transfer	0	1.83	0 ⁵
SC10-056	ROG	7	Internal Transfer	0	1.28	0 ⁵
SC10-063	ROG	2	Internal Transfer	0	0.37	0 ⁵
SC10-069	ROG	5	Internal Transfer	0	0.91	0 ⁵
SC10-073	ROG	1	Internal Transfer	0	0.18	0 ⁵
SC10-074	ROG	12	Internal Transfer	0	2.19	0 ⁵
SC10-075	ROG	46	Internal Transfer	0	8.40	0 ⁵
SC10-076	ROG	15	Internal Transfer	0	2.74	0 ⁵
SC10-077	ROG	1	4,000	4,000	0.18	21,918
SC10-064	ROG	1	6,300	6,300	0.18	34,521
SC10-057	ROG	1	7,000	7,000	0.18	38,356
SC10-024	ROG	1	7,800	7,800	0.18	42,740
SC10-013	ROG	1	8,000	8,000	0.18	43,836
SC10-014	ROG	1	8,000	8,000	0.18	43,836
SC10-010	ROG	1	9,000	9,000	0.18	49,315
SC10-021	ROG	1	9,500	9,500	0.18	52,055
SC10-027	ROG	2	7,000	14,000	0.37	38,356
SC10-065	ROG	6	2,833	17,000	1.10	15,525
SC10-008	ROG	2	9,200	18,400	0.37	50,411
SC10-050	ROG	4	5,000	20,000	0.73	27,397
SC10-017	ROG	5	6,900	34,500	0.91	37,808
SC10-022	ROG	6	5,750	34,500	1.10	31,507
SC10-078	ROG	6	6,200	37,200	1.10	33,973
SC10-012	ROG	5	8,250	41,250	0.91	45,205
SC10-018	ROG	6	7,000	42,000	1.10	38,356
SC10-020	ROG	10	7,000	70,000	1.83	38,356
SC10-028	ROG	11	6,500	71,500	2.01	35,616
SC10-009	ROG	15	5,000	75,000	2.74	27,397
SC10-023	ROG	16	5,750	92,000	2.92	31,507
SC10-051	ROG	18	5,300	95,400	3.29	29,041
SC10-052	ROG	18	6,200	111,600	3.29	33,973
SC10-019	ROG	16	7,000	112,000	2.92	38,356
SC10-025	ROG	20	5,750	115,000	3.65	31,507
SC10-049	ROG	27	5,000	135,000	4.93	27,397
SC10-015	ROG	118	7,500	885,000	21.54	41,096
	TOTAL	549			100.19	
	TOTAL WITH \$ AMOUNT	319		2,080,950	58.22	
	AVERAGE COST		6,523			35,744

Table 2e – SOx Transaction Details

SCAQMD No.	Pollutant	Amount (lbs/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/yr)	Cost (\$/ton/yr)
SC10-079	SOX	1	82,500	82,500	0.18	452,055
	TOTAL	1			0.18	
	TOTAL WITH \$ AMOUNT	1		82,500	0.18	
	AVERAGE COST		82,500			452,055

⁵ Subsidiary Transaction