
**South Coast Air Quality
Management District
Annual Publication of Emission Reduction Credit
Transactions for Calendar Year 2016
(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 Air Quality Management District (SCAQMD) also presents this information to the California Air Resources Board (CARB), which prepares an annual publication for statewide distribution.

Table 1 provides a summary of ERC transactions for Calendar Year 2016. 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 in “dollars per pound per day” and “dollars per ton per year”. The emission source of each of these transactions is from a stationary source.

Table 1 – ERC Transactions – Calendar Year 2016

Criteria Pollutant	No. of ERC Transactions²	Quantity of ERCs Transferred³ (lb/day)	Annualized Quantity of ERCs Transferred (ton/year)	Average Transaction Cost⁴ (\$/ton/year)
CO	1	32	5.84	821.92
NOx	0	0	0.00	0.00
PM10	11	35	6.39	545,988.26
ROG	46	942	171.92	18,090.38
SOx	3	47	8.58	326,027.40

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

² Includes all privately held ERC certificates that transferred ownership regardless of cost (refer to Tables 2a-2d). 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 the presence or lack of cost data.

⁴ Based only on those ERC transactions that include cost data (refer to Tables 2a-2d).

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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 (\$/lb/day) and Annualized Average Transaction Cost (\$/ton/year) are based on transactions that included cost data and does not include barter or subsidiary transactions. This information shall remain on file at SCAQMD 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 Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-16-001	CO	32	150.00	4800.00	5.84	821.92
	Total	32			5.84	
Total with Associated Purchase Price Data		32		4,800.00	5.84	
	Average Cost		150.00			821.92

Table 2b – NOx Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No NOx transactions.						
	Total					
Total with Associated Purchase Price Data						
	Average Cost					

Table 2c – PM10 Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-16-002	PM10	1	100,000.00	100,000.00	0.18	547,945.21
SC-16-003	PM10	1	0.00	0.00	0.18	0.00
SC-16-004	PM10	1	0.00	0.00	0.18	0.00
SC-16-005	PM10	1	0.00	0.00	0.18	0.00
SC-16-006	PM10	1	0.00	0.00	0.18	0.00
SC-16-007	PM10	1	95,000.00	95,000.00	0.18	520,547.95
SC-16-008	PM10	5	100,000.00	500,000.00	0.91	547,945.21
SC-16-009	PM10	5	0.00	0.00	0.91	0.00
SC-16-010	PM10	5	0.00	0.00	0.91	0.00
SC-16-011	PM10	7	100,000.00	700,000.00	1.28	547,945.21
SC-16-012	PM10	7	0.00	0.00	1.28	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
	Total	35			6.39	
Total with Associated Purchase Price Data		14		1,395,000.00	2.56	
Average Cost			99,642.86			545,988.26

Table 2d – ROG Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-16-013	ROG	1	0.00	0.00	0.18	0.00
SC-16-014	ROG	1	0.00	0.00	0.18	0.00
SC-16-015	ROG	1	4,800.00	4,800.00	0.18	26,301.37
SC-16-016	ROG	1	0.00	0.00	0.18	0.00
SC-16-017	ROG	1	4,000.00	4,000.00	0.18	21,917.81
SC-16-018	ROG	1	4,000.00	4,000.00	0.18	21,917.81
SC-16-019	ROG	1	0.00	0.00	0.18	0.00
SC-16-020	ROG	2	0.00	0.00	0.37	0.00
SC-16-021	ROG	3	4,550.00	13,650.00	0.55	24,931.51
SC-16-022	ROG	3	4,800.00	14,400.00	0.55	26,301.37
SC-16-023	ROG	4	4,550.00	18,200.00	0.73	24,931.51
SC-16-024	ROG	4	0.00	0.00	0.73	0.00
SC-16-025	ROG	4	0.00	0.00	0.73	0.00
SC-16-026	ROG	4	0.00	0.00	0.73	0.00
SC-16-027	ROG	4	0.00	0.00	0.73	0.00
SC-16-028	ROG	4	0.00	0.00	0.73	0.00
SC-16-029	ROG	5	0.00	0.00	0.91	0.00
SC-16-030	ROG	6	0.00	0.00	1.10	0.00
SC-16-031	ROG	6	0.00	0.00	1.10	0.00
SC-16-032	ROG	6	0.00	0.00	1.10	0.00
SC-16-033	ROG	7	4,300.00	30,100.00	1.28	23,561.64
SC-16-034	ROG	7	4,500.00	31,500.00	1.28	24,657.53
SC-16-035	ROG	9	0.00	0.00	1.64	0.00
SC-16-036	ROG	10	0.00	0.00	1.83	0.00
SC-16-037	ROG	10	0.00	0.00	1.83	0.00
SC-16-038	ROG	10	0.00	0.00	1.83	0.00
SC-16-039	ROG	10	4,300.00	43,000.00	1.83	23,561.64
SC-16-040	ROG	10	0.00	0.00	1.83	0.00
SC-16-041	ROG	10	0.00	0.00	1.83	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-16-042	ROG	11	3,900.00	42,900.00	2.01	21,369.86
SC-16-043	ROG	11	4,000.00	44,000.00	2.01	21,917.81
SC-16-044	ROG	11	0.00	0.00	2.01	0.00
SC-16-045	ROG	12	0.00	0.00	2.19	0.00
SC-16-046	ROG	13	3,200.00	41,600.00	2.37	17,534.25
SC-16-047	ROG	14	4,400.00	61,600.00	2.56	24,109.59
SC-16-048	ROG	15	3,200.00	48,000.00	2.74	17,534.25
SC-16-049	ROG	15	3,200.00	48,000.00	2.74	17,534.25
SC-16-050	ROG	18	3,200.00	57,600.00	3.29	17,534.25
SC-16-051	ROG	18	0.00	0.00	3.29	0.00
SC-16-052	ROG	18	0.00	0.00	3.29	0.00
SC-16-053	ROG	18	0.00	0.00	3.29	0.00
SC-16-054	ROG	19	0.00	0.00	3.47	0.00
SC-16-055	ROG	23	3,500.00	80,500.00	4.20	19,178.08
SC-16-056	ROG	35	0.00	0.00	6.39	0.00
SC-16-057	ROG	45	4,000.00	180,000.00	8.21	21,917.81
SC-16-058	ROG	501	3,100.00	1,553,100.00	91.43	16,986.30
	Total	942			171.92	
	Total with Associated Purchase Price Data	703		2,320,950.00	128.30	
	Average Cost		3,301.49			18,090.38

Table 2e – SO_x Transactions Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-16-059	SO _x	1	59,500.00	59,500.00	0.18	326,027.40
SC-16-060	SO _x	20	0.00	0.00	3.65	0.00
SC-16-061	SO _x	26	0.00	0.00	4.75	0.00
	Total	47			8.58	
	Total with Associated Purchase Price Data	1		59,500.00	0.18	
	Average Cost		59,500.00			326,027.40