

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2023

(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 related transaction costs. The South Coast Air Quality Management District (South Coast AQMD) 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 2023. 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 ton per year”. The emission source of each of these transactions is from a stationary source.

Table 1 – ERC Transactions – Calendar Year 2023

Criteria Pollutant	No. of ERC Transactions ²	Quantity of ERCs Transferred ³ (lb/day)	Annualized Quantity of ERCs Transferred (ton/year)	Average Transaction Cost ⁴ (\$/ton/year)
CO	0	0	0.00	0
NOx	2	126	22.99	380,000
PM10	3	3	0.54	460,000
ROG	9	179	32.69	18,000
SOx	0	0	0.00	0

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 South Coast 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.

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-2e). 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-2e).

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Table 2a – CO Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No CO transactions.						
	Total					
	Total with Associated Purchase Price Data					
	Average Cost					

Table 2b – NO_x Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-23-001	NO _x	125	70,000.00	8,750,000.00	22.81	380,000
SC-23-002	NO _x	1	75,000.00	75,000.00	0.18	420,000
	Total	126			22.99	
	Total with Associated Purchase Price Data	126		8,825,000.00	22.99	
	Average Cost		70,039.68			380,000

Table 2c – PM₁₀ Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-23-003	PM ₁₀	1	82,500.00	82,500.00	0.18	460,000
SC-23-004	PM ₁₀	1	0.00	0.00	0.18	0.00
SC-23-005	PM ₁₀	1	0.00	0.00	0.18	0.00
	Total	3			0.54	
	Total with Associated Purchase Price Data	3		82,500.00	0.18	
	Average Cost		82,500.00			460,000

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Table 2d – ROG Transaction Details

South 1 AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-23-006	ROG	2	4,400.00	8,800.00	0.37	24,000
SC-23-007	ROG	2	5,000.00	10,000.00	0.37	27,000
SC-23-008	ROG	6	0.00	0.00	1.10	0
SC-23-009	ROG	21	4,000.00	84,000.00	3.83	22,000
SC-23-010	ROG	2	0.00	0.00	0.37	0
SC-23-011	ROG	3	0.00	0.00	0.55	0
SC-23-012	ROG	71	2,250.00	159,750.00	12.96	12,000
SC-23-013	ROG	60	3,800.00	228,000.00	10.95	21,000
SC-23-014	ROG	12	4,000.00	48,000.00	2.19	22,000
	Total	179			32.69	
Total with Associated Purchase Price Data		168		538,550.00	30.67	
Average Cost			3,205.65			18,000

Table 2e – SOx Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No SOx transactions.						
	Total					
Total with Associated Purchase Price Data						
Average Cost						