

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2024

(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 2024. 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 2024

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	1	32	5.84	5
NOx	4	79	14.42	418,000
PM10	10	95	17.35	423,000
ROG	29	587	107.13	23,000
SOx	10	106	19.35	327,000

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)
SC-24-001	CO	32	1.00	32.00	5.84	5
	Total	32			5.84	
Total with Associated Purchase Price Data		32		32	5.84	
	Average Cost		1.00			5

Table 2b – NOx Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-24-002	NOx	14	76,000.00	1,064,000.00	2.56	416,000
SC-24-003	NOx	11	76,000.00	836,000.00	2.01	416,000
SC-24-004	NOx	53	0.00	0.00	9.67	0.00
SC-24-005	NOx	1	87,500.00	87,500.00	0.18	486,000
0	Total	79	0	0	14.42	0
Total with Associated Purchase Price Data		26	0	1,987,500.00	4.75	0
0	Average Cost		76,442.31	0	0	418,000

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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-24-006	PM10	2	0.00	0.00	0.37	0
SC-24-007	PM10	3	0.00	0.00	0.55	0
SC-24-008	PM10	7	0.00	0.00	1.28	0
SC-24-009	PM10	12	0.00	0.00	2.19	0
SC-24-010	PM10	3	0.00	0.00	0.55	0
SC-24-011	PM10	11	0.00	0.00	2.01	0
SC-24-012	PM10	1	85,000.00	85,000.00	0.18	472,000
SC-24-013	PM10	2	82,000.00	164,000.00	0.37	443,000
SC-24-014	PM10	53	0.00	0.00	9.67	0
SC-24-015	PM10	1	60,000.00	60,000.00	0.18	333,000
0	Total	95			17.35	0
Total with Associated Purchase Price Data		4		309,000.00	0.73	0
0	Average Cost		77,250.00	0	0	423,000

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Table 2d – ROG Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-24-016	ROG	60	0.00	0.00	10.95	0
SC-24-017	ROG	2	0.00	0.00	0.37	0
SC-24-018	ROG	2	500.00	1,000.00	0.37	3,000
SC-24-019	ROG	10	0.00	0.00	1.83	0
SC-24-020	ROG	67	4,200.00	281,400.00	12.23	23,000
SC-24-021	ROG	8	4,300.00	34,400.00	1.46	24,000
SC-24-022	ROG	39	0.00	0.00	7.12	0
SC-24-023	ROG	38	4,500.00	171,000.00	6.94	25,000
SC-24-024	ROG	66	0.00	0.00	12.05	0
SC-24-025	ROG	24	0.00	0.00	4.38	0
SC-24-026	ROG	1	4,000.00	4,000.00	0.18	22,000
SC-24-027	ROG	22	4,000.00	88,000.00	4.02	22,000
SC-24-028	ROG	3	4,000.00	12,000.00	0.55	22,000
SC-24-029	ROG	2	4,000.00	8,000.00	0.37	22,000
SC-24-030	ROG	19	4,000.00	76,000.00	3.47	22,000
SC-24-031	ROG	66	0.00	0.00	12.05	0
SC-24-032	ROG	8	4,500.00	36,000.00	1.46	25,000
SC-24-033	ROG	3	3,500.00	10,500.00	0.55	19,000
SC-24-034	ROG	12	4,500.00	54,000.00	2.19	25,000
SC-24-035	ROG	8	4,000.00	32,000.00	1.46	22,000
SC-24-036	ROG	23	0.00	0.00	4.20	0
SC-24-037	ROG	10	4,500.00	45,000.00	1.83	25,000
SC-24-038	ROG	3	0.00	0.00	0.55	0
SC-24-039	ROG	8	4,000.00	32,000.00	1.46	22,000
SC-24-040	ROG	24	0.00	0.00	4.38	0
SC-24-041	ROG	2	4,000.00	8,000.00	0.37	22,000
SC-24-042	ROG	9	3,500.00	31,500.00	1.64	19,000
SC-24-043	ROG	19	3,500.00	66,500.00	3.47	19,000
SC-24-044	ROG	29	4,200.00	121,800.00	5.29	23,000
	Total	587			107.13	
Total with Associated Purchase Price Data		270		1,113,100.00	49.28	
	Average Cost		4,122.59			23,000

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Table 2e – SO_x Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-24-045	SO _x	10	0.00	0.00	1.83	0
SC-24-046	SO _x	18	0.00	0.00	3.29	0
SC-24-047	SO _x	20	0.00	0.00	3.65	0
SC-24-048	SO _x	40	0.00	0.00	7.30	0
SC-24-049	SO _x	1	0.00	0.00	0.18	0
SC-24-050	SO _x	2	0.00	0.00	0.37	0
SC-24-051	SO _x	2	0.00	0.00	0.37	0
SC-24-052	SO _x	2	0.00	0.00	0.37	0
SC-24-053	SO _x	4	0.00	0.00	0.73	0
SC-24-054	SO _x	4	0.00	0.00	0.73	0
SC-24-055	SO _x	3	60,000.00	180,000.00	0.55	327,000
	Total	106			19.35	
Total with Associated Purchase Price Data		3		180,000.00	0.55	
	Average Cost		60,000.00			327,000