

# South Coast Air Quality Management District

## Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2022 (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) transactions<sup>1</sup> 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 2022. 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 2022**

Criteria Pollutant	No. of ERC Transactions <sup>2</sup>	Quantity of ERCs Transferred <sup>3</sup> (lb/day)	Annualized Quantity of ERCs Transferred (ton/year)	Average Transaction Cost <sup>4</sup> (\$/ton/year)
CO	0	0	0.00	0.00
NOx	1	29	5.29	356,332.70
PM10	3	3	0.55	140,208.65
ROG	24	574	104.76	16,012.72
SOx	2	46	8.40	1,190.47

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.

<sup>1</sup> This report does not include RECLAIM Trading Credit (RTC) transactions.

<sup>2</sup> 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.

<sup>3</sup> Includes the total amount (pounds per day) of ERCs transferred regardless of the presence or lack of cost data.

<sup>4</sup> 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.						
	<b>Total</b>					
	<b>Total with Associated Purchase Price Data</b>					
	<b>Average Cost</b>					

**Table 2b – NO<sub>x</sub> Transaction Details**

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-22-001	NO <sub>x</sub>	29	65,000.00	1,885,000.00	5.29	356,332.70
	<b>Total</b>	29			5.29	
	<b>Total with Associated Purchase Price Data</b>	29		1,885,000.00	5.29	
	<b>Average Cost</b>		65,000.00			356,332.70

**Table 2c – PM<sub>10</sub> Transaction Details**

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-22-002	PM <sub>10</sub>	1	57.38	57.38	0.18	318.78
SC-22-003	PM <sub>10</sub>	1	57.38	57.38	0.18	318.78
SC-22-004	PM <sub>10</sub>	1	77,000.00	77,000.00	0.18	427,777.78
	<b>Total</b>	3			0.55	
	<b>Total with Associated Purchase Price Data</b>	3		77,114.76	0.55	
	<b>Average Cost</b>		25,704.92			140,208.65

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**Table 2d – ROG Transaction Details**

<b>South Coast AQMD No.</b>	<b>Pollutant</b>	<b>Amount (lb/day)</b>	<b>Cost (\$/lb/day)</b>	<b>Total Cost (\$)</b>	<b>Amount (ton/year)</b>	<b>Cost (\$/ton/year)</b>
SC-22-005	ROG	72	4,000.00	288,000.00	13.14	21,917.81
SC-22-006	ROG	4	0.00	0.00	0.73	0.00
SC-22-007	ROG	121	0.00	0.00	22.08	0.00
SC-22-008	ROG	2	4,000.00	8,000.00	0.37	21,621.62
SC-22-009	ROG	8	4,250.00	34,000.00	1.46	23,287.67
SC-22-010	ROG	1	57.38	57.38	0.18	318.78
SC-22-011	ROG	22	57.38	1,262.36	4.02	314.02
SC-22-012	ROG	1	57.38	57.38	0.18	318.78
SC-22-013	ROG	22	57.38	1,262.36	4.02	314.02
SC-22-014	ROG	86	0.00	0.00	15.70	0.00
SC-22-015	ROG	1	0.00	0.00	0.18	0.00
SC-22-016	ROG	11	4,250.00	46,750.00	2.01	23,258.71
SC-22-017	ROG	92	0.00	0.00	16.79	0.00
SC-22-018	ROG	7	4,000.00	28,000.00	1.28	21,875.00
SC-22-019	ROG	7	4,000.00	28,000.00	1.28	21,875.00
SC-22-020	ROG	7	4,000.00	28,000.00	1.28	21,875.00
SC-22-021	ROG	7	4,000.00	28,000.00	1.28	21,875.00
SC-22-022	ROG	1	0.00	0.00	0.18	0.00
SC-22-023	ROG	3	4,000.00	12,000.00	0.55	21,818.18
SC-22-024	ROG	9	4,375.00	39,375.00	1.64	24,009.15
SC-22-025	ROG	4	5,000.00	20,000.00	0.73	27,397.26
SC-22-026	ROG	7	4,000.00	28,000.00	1.28	21,875.00
SC-22-027	ROG	70	2,250.00	157,500.00	12.78	12,323.94
SC-22-028	ROG	9	4,200.00	37,800.00	1.64	23,048.78
	<b>Total</b>	574			104.76	
	<b>Total with Associated Purchase Price Data</b>	269		786,064.48	49.09	
	<b>Average Cost</b>		2,922.17			16,012.72

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**Table 2e – SOx Transaction Details**

<b>South Coast AQMD No.</b>	<b>Pollutant</b>	<b>Amount (lb/day)</b>	<b>Cost (\$/lb/day)</b>	<b>Total Cost (\$)</b>	<b>Amount (ton/year)</b>	<b>Cost (\$/ton/year)</b>
SC-22-029	SO <sub>x</sub>	20	217.39	4,347.80	3.65	1,191.18
SC-22-030	SO <sub>x</sub>	26	217.39	5,652.14	4.75	1,189.92
	<b>Total</b>	46			8.40	
<b>Total with Associated Purchase Price Data</b>		46		9,999.94	8.40	
	<b>Average Cost</b>		217.39			1,190.47