

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2020

(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 (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 2020. 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 2020

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	0.00
NOx	19	409	74.64	0.00
PM10	10	24	4.38	334,246.58
ROG	13	597	108.95	23,084.40
SOx	11	183	33.40	0.00

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-20-001	NO _x	1	0.00	0.00	0.18	0.00
SC-20-002	NO _x	1	0.00	0.00	0.18	0.00
SC-20-003	NO _x	3	0.00	0.00	0.55	0.00
SC-20-004	NO _x	3	0.00	0.00	0.55	0.00
SC-20-005	NO _x	5	0.00	0.00	0.91	0.00
SC-20-006	NO _x	13	0.00	0.00	2.37	0.00
SC-20-007	NO _x	40	0.00	0.00	7.30	0.00
SC-20-008	NO _x	77	0.00	0.00	14.05	0.00
SC-20-009	NO _x	1	0.00	0.00	0.18	0.00
SC-20-010	NO _x	5	0.00	0.00	0.91	0.00
SC-20-011	NO _x	6	0.00	0.00	1.10	0.00
SC-20-012	NO _x	14	0.00	0.00	2.56	0.00
SC-20-013	NO _x	17	0.00	0.00	3.10	0.00
SC-20-014	NO _x	21	0.00	0.00	3.83	0.00
SC-20-015	NO _x	44	0.00	0.00	8.03	0.00
SC-20-016	NO _x	3	0.00	0.00	0.55	0.00
SC-20-017	NO _x	137	0.00	0.00	25.00	0.00
SC-20-018	NO _x	17	0.00	0.00	3.10	0.00
SC-20-019	NO _x	1	0.00	0.00	0.18	0.00
Total		409			74.64	
Total with Associated Purchase Price Data		0		0	0.00	
Average Cost			0.00			0.00

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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-20-020	PM10	7	0.00	0.00	1.28	0.00
SC-20-021	PM10	1	0.00	0.00	0.18	0.00
SC-20-022	PM10	2	0.00	0.00	0.37	0.00
SC-20-023	PM10	2	0.00	0.00	0.37	0.00
SC-20-024	PM10	1	0.00	0.00	0.18	0.00
SC-20-025	PM10	1	85,000.00	85,000.00	0.18	465,753.42
SC-20-026	PM10	1	0.00	0.00	0.18	0.00
SC-20-027	PM10	4	0.00	0.00	0.73	0.00
SC-20-028	PM10	4	0.00	0.00	0.73	0.00
SC-20-029	PM10	1	37,000.00	37,000.00	0.18	202,739.73
	Total	24			4.38	
	Total with Associated Purchase Price Data	2		122,000	0.37	
	Average Cost		61,000.00			334,246.58

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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-20-030	ROG	7	4,000.00	28,000.00	1.28	21,917.81
SC-20-031	ROG	3	4,500.00	13,500.00	0.55	24,657.53
SC-20-032	ROG	100	0.00	0.00	18.25	0.00
SC-20-033	ROG	5	0.00	0.00	0.91	0.00
SC-20-034	ROG	11	0.00	0.00	2.01	0.00
SC-20-035	ROG	412	0.00	0.00	75.19	0.00
SC-20-036	ROG	13	0.00	0.00	2.37	0.00
SC-20-037	ROG	2	0.00	0.00	0.37	0.00
SC-20-038	ROG	13	0.00	0.00	2.37	0.00
SC-20-039	ROG	4	0.00	0.00	0.73	0.00
SC-20-040	ROG	6	0.00	0.00	1.10	0.00
SC-20-041	ROG	4	4,000.00	16,000.00	0.73	21,917.81
SC-20-042	ROG	17	4,300.00	73,100.00	3.10	23,561.64
	Total	597			108.95	
	Total with Associated Purchase Price Data	31		130,600	5.66	
	Average Cost		4,212.90			23,084.40

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Table 2e – SO_x Transactions Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-20-043	SO _x	75	0.00	0.00	13.69	0.00
SC-20-044	SO _x	47	0.00	0.00	8.58	0.00
SC-20-045	SO _x	10	0.00	0.00	1.83	0.00
SC-20-046	SO _x	10	0.00	0.00	1.83	0.00
SC-20-047	SO _x	5	0.00	0.00	0.91	0.00
SC-20-048	SO _x	1	0.00	0.00	0.18	0.00
SC-20-049	SO _x	1	0.00	0.00	0.18	0.00
SC-20-050	SO _x	3	0.00	0.00	0.55	0.00
SC-20-051	SO _x	3	0.00	0.00	0.55	0.00
SC-20-052	SO _x	22	0.00	0.00	4.02	0.00
SC-20-053	SO _x	6	0.00	0.00	1.10	0.00
	Total	183			33.40	
	Total with Associated Purchase Price Data	0		0	0.00	
	Average Cost		0.00			0.00