

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2019

(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 2019. 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 2019

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	5	78	14.24	259,711.98
PM10	0	0	0.00	0.00
ROG	29	441	80.48	13,856.00
SOx	0	0	0.00	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 – NOx Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-19-001	NOx	1	50,000.00	50,000.00	0.18	273,972.60
SC-19-002	NOx	15	52,500.00	787,500.00	2.74	287,671.23
SC-19-003	NOx	5	52,500.00	262,500.00	0.91	287,671.23
SC-19-004	NOx	4	53,000.00	212,000.00	0.73	290,410.96
SC-19-005	NOx	53	45,000.00	2,385,000.00	9.67	246,575.34
	Total	78			14.24	
Total with Associated Purchase Price Data		78		3,697,000	14.24	
	Average Cost		47,397.44			259,711.98

Table 2c – PM10 Transaction Details

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No PM10 transactions.						
	Total					
Total with Associated Purchase Price Data						
	Average Cost					

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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-19-006	ROG	1	4,500.00	4,500.00	0.18	24,657.53
SC-19-007	ROG	11	0.00	0.00	2.01	0.00
SC-19-008	ROG	15	600.00	9,000.00	2.74	3,287.67
SC-19-009	ROG	21	600.00	12,600.00	3.83	3,287.67
SC-19-010	ROG	72	600.00	43,200.00	13.14	3,287.67
SC-19-011	ROG	7	600.00	4,200.00	1.28	3,287.67
SC-19-012	ROG	10	4,250.00	42,500.00	1.83	23,287.67
SC-19-013	ROG	1	4,500.00	4,500.00	0.18	24,657.53
SC-19-014	ROG	3	4,250.00	12,750.00	0.55	23,287.67
SC-19-015	ROG	14	0.00	0.00	2.56	0.00
SC-19-016	ROG	38	4,500.00	171,000.00	6.94	24,657.53
SC-19-017	ROG	12	4,500.00	54,000.00	2.19	24,657.53
SC-19-018	ROG	5	0.00	0.00	0.91	0.00
SC-19-019	ROG	1	5,000.00	5,000.00	0.18	27,397.26
SC-19-020	ROG	15	4,000.00	60,000.00	2.74	21,917.81
SC-19-021	ROG	14	0.00	0.00	2.56	0.00
SC-19-022	ROG	2	4,500.00	9,000.00	0.37	24,657.53
SC-19-023	ROG	1	5,500.00	5,500.00	0.18	30,136.99
SC-19-024	ROG	2	5,500.00	11,000.00	0.37	30,136.99
SC-19-025	ROG	26	0.00	0.00	4.75	0.00
SC-19-026	ROG	69	0.00	0.00	12.59	0.00
SC-19-027	ROG	1	4,300.00	4,300.00	0.18	23,561.64
SC-19-028	ROG	37	2,000.00	74,000.00	6.75	10,958.90
SC-19-029	ROG	10	4,000.00	40,000.00	1.83	21,917.81
SC-19-030	ROG	1	0.00	0.00	0.18	0.00
SC-19-031	ROG	12	4,250.00	51,000.00	2.19	23,287.67
SC-19-032	ROG	25	4,000.00	100,000.00	4.56	21,917.81
SC-19-033	ROG	12	0.00	0.00	2.19	0.00
SC-19-034	ROG	3	4,250.00	12,750.00	0.55	23,287.67
	Total	441			80.48	
	Total with Associated Purchase Price Data	289		730,800.00	52.74	
	Average Cost		2,528.72			13,856.00

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Table 2e – SOx Transactions 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					