

# South Coast Air Quality Management District

## Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2021 (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 2021. 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 2021**

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	4	20	3.65	291,185.41
PM10	4	18	3.29	328,767.12
ROG	25	384	70.08	15,621.24
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.

<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).

**Annual Publication of ERC Transactions and Costs  
(Calendar Year 2021)**

**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 – NOx Transaction Details**

South Coast AQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-21-001	NOx	2	0.00	0.00	0.37	0.00
SC-21-002	NOx	2	53,000.00	106,000.00	0.37	290,410.96
SC-21-003	NOx	12	53,000.00	636,000.00	2.19	290,410.96
SC-21-004	NOx	4	54,000.00	216,000.00	0.73	295,890.41
	<b>Total</b>	20			3.65	
	<b>Total with Associated Purchase Price Data</b>	18		958,000.00	3.29	
	<b>Average Cost</b>		53,222.22			291,185.41

**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-21-005	PM10	7	0.00	0.00	1.28	0.00
SC-21-006	PM10	3	0.00	0.00	0.55	0.00
SC-21-007	PM10	7	60,000.00	420,000.00	1.28	328,767.12
SC-21-008	PM10	1	60,000.00	60,000.00	0.18	328,767.12
	<b>Total</b>	18			3.29	
	<b>Total with Associated Purchase Price Data</b>	8		480,000.00	1.46	
	<b>Average Cost</b>		60,000.00			328,767.12

**Annual Publication of ERC Transactions and Costs  
(Calendar Year 2021)**

**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-21-009	ROG	1	0.00	0.00	0.18	0.00
SC-21-010	ROG	150	3,000.00	450,000.00	27.38	16,438.36
SC-21-011	ROG	2	7,500.00	15,000.00	0.37	41,095.89
SC-21-012	ROG	11	4,000.00	44,000.00	2.01	21,917.81
SC-21-013	ROG	1	0.00	0.00	0.18	0.00
SC-21-014	ROG	1	5,000.00	5,000.00	0.18	27,397.26
SC-21-015	ROG	5	0.00	0.00	0.91	0.00
SC-21-016	ROG	5	0.00	0.00	0.91	0.00
SC-21-017	ROG	66	0.00	0.00	12.05	0.00
SC-21-018	ROG	1	4,200.00	4,200.00	0.18	23,013.70
SC-21-019	ROG	1	4,200.00	4,200.00	0.18	23,013.70
SC-21-020	ROG	1	0.00	0.00	0.18	0.00
SC-21-021	ROG	33	303.03	9,999.99	6.02	1,660.44
SC-21-022	ROG	3	0.00	0.00	0.55	0.00
SC-21-023	ROG	66	0.00	0.00	12.05	0.00
SC-21-024	ROG	4	3,000.00	12,000.00	0.73	16,438.36
SC-21-025	ROG	1	5,000.00	5,000.00	0.18	27,397.26
SC-21-026	ROG	1	5,000.00	5,000.00	0.18	27,397.26
SC-21-027	ROG	3	0.00	0.00	0.55	0.00
SC-21-028	ROG	4	0.00	0.00	0.73	0.00
SC-21-029	ROG	4	4,250.00	17,000.00	0.73	23,287.67
SC-21-030	ROG	1	0.00	0.00	0.18	0.00
SC-21-031	ROG	14	4,000.00	56,000.00	2.56	21,917.81
SC-21-032	ROG	3	4,200.00	12,600.00	0.55	23,013.70
SC-21-033	ROG	2	5,000.00	10,000.00	0.37	27,397.26
	<b>Total</b>	384			70.08	
	<b>Total with Associated Purchase Price Data</b>	228		649,999.99	41.61	
	<b>Average Cost</b>		2,850.88			15,621.24

**Annual Publication of ERC Transactions and Costs  
(Calendar Year 2021)**

---

**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>
No SOx transactions.						
	<b>Total</b>					
	<b>Total with Associated Purchase Price Data</b>					
	<b>Average Cost</b>					