

# South Coast Air Quality Management District

## Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2017

**(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 the transaction costs. The South Coast Air Quality Management District (SCAQMD) 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 2017. 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 2017**

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	11	20	3.65	83,561.64
PM10	0	0	0.00	0.00
ROG	38	720	131.40	22,159.34
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 SCAQMD 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

SCAQMD 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

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-17-001	NO <sub>x</sub>	6	15,250.00	91,500.00	1.10	83,561.64
SC-17-002	NO <sub>x</sub>	3	15,250.00	45,750.00	0.55	83,561.64
SC-17-003	NO <sub>x</sub>	2	15,250.00	30,500.00	0.37	83,561.64
SC-17-004	NO <sub>x</sub>	2	15,250.00	30,500.00	0.37	83,561.64
SC-17-005	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-006	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-007	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-008	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-009	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-010	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
SC-17-011	NO <sub>x</sub>	1	15,250.00	15,250.00	0.18	83,561.64
	<b>Total</b>	20			3.65	
	<b>Total with Associated Purchase Price Data</b>	20		305,000	3.65	
	<b>Average Cost</b>		15,250.00			83,561.64

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

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No PM <sub>10</sub> transactions.						
	<b>Total</b>					
	<b>Total with Associated Purchase Price Data</b>					
	<b>Average Cost</b>					

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**Table 2d – ROG Transaction Details**

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-17-012	ROG	70	0.00	0.00	12.78	0.00
SC-17-013	ROG	6	4,100.00	24,600.00	1.10	22,465.75
SC-17-014	ROG	3	0.00	0.00	0.55	0.00
SC-17-015	ROG	1	0.00	0.00	0.18	0.00
SC-17-016	ROG	20	0.00	0.00	3.65	0.00
SC-17-017	ROG	1	0.00	0.00	0.18	0.00
SC-17-018	ROG	1	0.00	0.00	0.18	0.00
SC-17-019	ROG	5	0.00	0.00	0.91	0.00
SC-17-020	ROG	1	0.00	0.00	0.18	0.00
SC-17-021	ROG	17	0.00	0.00	3.10	0.00
SC-17-022	ROG	35	0.00	0.00	6.39	0.00
SC-17-023	ROG	1	4,700.00	4,700.00	0.18	25,753.42
SC-17-024	ROG	12	4,000.00	48,000.00	2.19	21,917.81
SC-17-025	ROG	4	4,000.00	16,000.00	0.73	21,917.81
SC-17-026	ROG	6	0.00	0.00	1.10	0.00
SC-17-027	ROG	4	4,300.00	17,200.00	0.73	23,561.64
SC-17-028	ROG	19	4,100.00	77,900.00	3.47	22,465.75
SC-17-029	ROG	71	4,000.00	284,000.00	12.96	21,917.81
SC-17-030	ROG	1	4,000.00	4,000.00	0.18	21,917.81
SC-17-031	ROG	14	0.00	0.00	2.56	0.00
SC-17-032	ROG	14	0.00	0.00	2.56	0.00
SC-17-033	ROG	6	0.00	0.00	1.10	0.00
SC-17-034	ROG	6	0.00	0.00	1.10	0.00
SC-17-035	ROG	1	4,750.00	4,750.00	0.18	26,027.40
SC-17-036	ROG	13	4,000.00	52,000.00	2.37	21,917.81
SC-17-037	ROG	4	4,000.00	16,000.00	0.73	21,917.81
SC-17-038	ROG	10	4,100.00	41,000.00	1.83	22,465.75
SC-17-039	ROG	66	0.00	0.00	12.05	0.00
SC-17-040	ROG	1	4,750.00	4,750.00	0.18	26,027.40
SC-17-041	ROG	66	0.00	0.00	12.05	0.00
SC-17-042	ROG	2	3,750.00	7,500.00	0.37	20,547.95
SC-17-043	ROG	172	0.00	0.00	31.39	0.00
SC-17-044	ROG	16	0.00	0.00	2.92	0.00
SC-17-045	ROG	13	0.00	0.00	2.37	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-17-046	ROG	21	0.00	0.00	3.83	0.00
SC-17-047	ROG	10	0.00	0.00	1.83	0.00
SC-17-048	ROG	4	0.00	0.00	0.73	0.00
SC-17-049	ROG	3	4,100.00	12,300.00	0.55	22,465.75
	<b>Total</b>	720			131.40	
	<b>Total with Associated Purchase Price Data</b>	152		614,700.00	27.74	
	<b>Average Cost</b>		4,044.08			22,159.34

**Table 2e – SOx Transactions Details**

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
No SOx transactions.						
	<b>Total</b>					
	<b>Total with Associated Purchase Price Data</b>					
	<b>Average Cost</b>					