

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions for Calendar Year 2018

(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 (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 2018. 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 2018

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	3	82	14.97	0.00
NOx	4	68	12.41	240,813.86
PM10	24	93	16.97	526,027.40
ROG	74	4,594	838.41	14,526.94
SOx	1	4	0.73	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.

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

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-001	CO	28	0.00	0.00	5.11	0.00
SC-18-002	CO	28	0.00	0.00	5.11	0.00
SC-18-003	CO	26	0.00	0.00	4.75	0.00
	Total	82			14.97	
Total with Associated Purchase Price Data		0		0	0.00	
	Average Cost		0.00			0.00

Table 2b – NOx Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-004	NOx	4	50,000.00	200,000.00	0.73	273,972.60
SC-18-005	NOx	53	44,000.00	2,332,000.00	9.67	241,095.89
SC-18-006	NOx	10	44,000.00	440,000.00	1.83	241,095.89
SC-18-007	NOx	1	16,500.00	16,500.00	0.18	90,410.96
	Total	68			12.41	
Total with Associated Purchase Price Data		20		2,988,500	12.41	
	Average Cost		149,425.00			240,813.86

Table 2c – PM10 Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-008	PM10	1	0.00	0.00	0.18	0.00
SC-18-009	PM10	5	0.00	0.00	0.91	0.00
SC-18-010	PM10	1	0.00	0.00	0.18	0.00
SC-18-011	PM10	3	0.00	0.00	0.55	0.00
SC-18-012	PM10	4	0.00	0.00	0.73	0.00
SC-18-013	PM10	5	0.00	0.00	0.91	0.00
SC-18-014	PM10	3	0.00	0.00	0.55	0.00
SC-18-015	PM10	1	0.00	0.00	0.18	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-016	PM10	1	0.00	0.00	0.18	0.00
SC-18-017	PM10	5	0.00	0.00	0.91	0.00
SC-18-018	PM10	3	0.00	0.00	0.55	0.00
SC-18-019	PM10	7	0.00	0.00	1.28	0.00
SC-18-020	PM10	9	0.00	0.00	1.64	0.00
SC-18-021	PM10	3	0.00	0.00	0.55	0.00
SC-18-022	PM10	9	0.00	0.00	1.64	0.00
SC-18-023	PM10	1	0.00	0.00	0.18	0.00
SC-18-024	PM10	7	0.00	0.00	1.28	0.00
SC-18-025	PM10	4	0.00	0.00	0.73	0.00
SC-18-026	PM10	4	0.00	0.00	0.73	0.00
SC-18-027	PM10	2	0.00	0.00	0.37	0.00
SC-18-028	PM10	4	0.00	0.00	0.73	0.00
SC-18-029	PM10	4	0.00	0.00	0.73	0.00
SC-18-030	PM10	4	0.00	0.00	0.73	0.00
SC-18-031	PM10	3	96,000.00	288,000.00	0.55	526,027.40
	Total	93			16.97	
	Total with Associated Purchase Price Data	3		288,000	0.55	
	Average Cost		96,000.00			526,027.40

Table 2d – ROG Transaction Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-032	ROG	122	0.00	0.00	22.27	0.00
SC-18-033	ROG	5	4,065.00	20,325.00	0.91	22,273.97
SC-18-034	ROG	4	0.00	0.00	0.73	0.00
SC-18-035	ROG	31	0.00	0.00	5.66	0.00
SC-18-036	ROG	9	0.00	0.00	1.64	0.00
SC-18-037	ROG	267	0.00	0.00	48.73	0.00
SC-18-038	ROG	6	0.00	0.00	1.10	0.00
SC-18-039	ROG	261	0.00	0.00	47.63	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-040	ROG	14	0.00	0.00	2.56	0.00
SC-18-041	ROG	247	0.00	0.00	45.08	0.00
SC-18-042	ROG	16	0.00	0.00	2.92	0.00
SC-18-043	ROG	231	0.00	0.00	42.16	0.00
SC-18-044	ROG	14	0.00	0.00	2.56	0.00
SC-18-045	ROG	217	0.00	0.00	39.60	0.00
SC-18-046	ROG	13	0.00	0.00	2.37	0.00
SC-18-047	ROG	117	0.00	0.00	21.35	0.00
SC-18-048	ROG	35	0.00	0.00	6.39	0.00
SC-18-049	ROG	4	0.00	0.00	0.73	0.00
SC-18-050	ROG	1	0.00	0.00	0.18	0.00
SC-18-051	ROG	4	0.00	0.00	0.73	0.00
SC-18-052	ROG	204	0.00	0.00	37.23	0.00
SC-18-053	ROG	16	0.00	0.00	2.92	0.00
SC-18-054	ROG	2	4,100.00	8,200.00	0.37	22,465.75
SC-18-055	ROG	18	0.00	0.00	3.29	0.00
SC-18-056	ROG	1	5,000.00	5,000.00	0.18	27,397.26
SC-18-057	ROG	19	0.00	0.00	3.47	0.00
SC-18-058	ROG	12	4,700.00	56,400.00	2.19	25,753.42
SC-18-059	ROG	38	0.00	0.00	6.94	0.00
SC-18-060	ROG	5	0.00	0.00	0.91	0.00
SC-18-061	ROG	3	0.00	0.00	0.55	0.00
SC-18-062	ROG	3	0.00	0.00	0.55	0.00
SC-18-063	ROG	5	0.00	0.00	0.91	0.00
SC-18-064	ROG	5	0.00	0.00	0.91	0.00
SC-18-065	ROG	4	0.00	0.00	0.73	0.00
SC-18-066	ROG	137	0.00	0.00	25.00	0.00
SC-18-067	ROG	100	2,400.00	240,000.00	18.25	13,150.68
SC-18-068	ROG	82	0.00	0.00	14.97	0.00
SC-18-069	ROG	3	4,200.00	12,600.00	0.55	23,013.70
SC-18-070	ROG	7	0.00	0.00	1.28	0.00
SC-18-071	ROG	4	0.00	0.00	0.73	0.00
SC-18-072	ROG	4	0.00	0.00	0.73	0.00
SC-18-073	ROG	4	0.00	0.00	0.73	0.00
SC-18-074	ROG	3	0.00	0.00	0.55	0.00

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SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-075	ROG	3	0.00	0.00	0.55	0.00
SC-18-076	ROG	3	0.00	0.00	0.55	0.00
SC-18-077	ROG	10	0.00	0.00	1.83	0.00
SC-18-078	ROG	6	4,000.00	24,000.00	1.10	21,917.81
SC-18-079	ROG	188	0.00	0.00	34.31	0.00
SC-18-080	ROG	18	0.00	0.00	3.29	0.00
SC-18-081	ROG	170	0.00	0.00	31.03	0.00
SC-18-082	ROG	13	0.00	0.00	2.37	0.00
SC-18-083	ROG	727	0.00	0.00	132.68	0.00
SC-18-084	ROG	500	2,950.00	1,475,000.00	91.25	16,164.38
SC-18-085	ROG	17	0.00	0.00	3.10	0.00
SC-18-086	ROG	1	4,500.00	4,500.00	0.18	24,657.53
SC-18-087	ROG	4	0.00	0.00	0.73	0.00
SC-18-088	ROG	2	4,400.00	8,800.00	0.37	24,109.59
SC-18-089	ROG	100	0.00	0.00	18.25	0.00
SC-18-090	ROG	3	5,000.00	15,000.00	0.55	27,397.26
SC-18-091	ROG	3	0.00	0.00	0.55	0.00
SC-18-092	ROG	16	0.00	0.00	2.92	0.00
SC-18-093	ROG	2	5,500.00	11,000.00	0.37	30,136.99
SC-18-094	ROG	79	0.00	0.00	14.42	0.00
SC-18-095	ROG	12	4,000.00	48,000.00	2.19	21,917.81
SC-18-096	ROG	97	0.00	0.00	17.70	0.00
SC-18-097	ROG	23	3,750.00	86,250.00	4.20	20,547.95
SC-18-098	ROG	16	0.00	0.00	2.92	0.00
SC-18-099	ROG	3	5,500.00	16,500.00	0.55	30,136.99
SC-18-100	ROG	4	600.00	2,400.00	0.73	3,287.67
SC-18-101	ROG	25	600.00	15,000.00	4.56	3,287.67
SC-18-102	ROG	85	600.00	51,000.00	15.51	3,287.67
SC-18-103	ROG	4	600.00	2,400.00	0.73	3,287.67
SC-18-104	ROG	157	0.00	0.00	28.65	0.00
SC-18-105	ROG	6	0.00	0.00	1.10	0.00
	Total	4594			838.41	
	Total with Associated Purchase Price Data	793		2,102,375.00	144.72	
	Average Cost		2,651.17			14,526.94

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Table 2e – SOx Transactions Details

SCAQMD No.	Pollutant	Amount (lb/day)	Cost (\$/lb/day)	Total Cost (\$)	Amount (ton/year)	Cost (\$/ton/year)
SC-18-106	SOx	4	0.00	0.00	0.73	0.00
	Total	4			0.73	
Total with Associated Purchase Price Data		0		0	0.00	
Average Cost			0.00			0.00