

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions For Calendar Year 2007

(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 AQMD also presents this information to the California Air Resources Board (CARB), which prepares an annual publication for statewide distribution.

Table 1 is a summary of ERC transactions for Calendar Year 2007. 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.

Table 1. ERC Transactions – Calendar Year 2007

Criteria Pollutant	No. of ERC Transfer Transactions²	Quantity of ERCs Transferred³ (lb/day)	Annualized Quantity of ERCs Transferred (ton/year)	Average Transaction Cost⁴ (\$/ton/year)
ROG	139	5,071	925	\$37,182
NOx	5	55	10	\$347,098
SOx	8	80	15	\$275,542
CO	5	64	12	\$15,773
PM10	15	99	18	\$555,260

Table 2 provides details on the amount and cost of each offset transaction. The Average Transaction Cost (\$/ton/year) does not include barter or subsidiary transactions. This information shall remain on file at 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 which transferred ownership regardless of cost (see Table 2).
 3. Includes the total amount (pounds per day) of ERCs transferred regardless of cost.
 4. Based only on those ERCs transactions that include sales cost (see Table 2).

Table 2 Criteria Pollutant Transaction Purchase Summary - Calendar Year 2007
Sorted by Pollutant and Amount

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC07-036	ROG	1	\$6,950	\$6,950	0.18	\$38,082
SC07-041	ROG	1	\$0	\$0	0.18	\$0 ¹
SC07-078	ROG	1	\$0	\$0	0.18	\$0 ¹
SC07-079	ROG	1	\$4,000	\$4,000	0.18	\$21,918
SC07-084	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-086	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-088	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-090	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-102	ROG	1	\$3,500	\$3,500	0.18	\$19,178
SC07-103	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-108	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-110	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-111	ROG	1	\$7,500	\$7,500	0.18	\$41,096
SC07-117	ROG	1	\$5,500	\$5,500	0.18	\$30,137
SC07-125	ROG	1	\$5,000	\$5,000	0.18	\$27,397
SC07-127	ROG	1	\$0	\$0	0.18	\$0 ¹
SC07-176	ROG	1	\$8,600	\$8,600	0.18	\$47,123
SC07-181	ROG	1	\$17,450	\$17,450	0.18	\$95,616
SC07-001	ROG	2	\$5,900	\$11,800	0.37	\$32,329
SC07-038	ROG	2	\$6,950	\$13,900	0.37	\$38,082
SC07-048	ROG	2	\$1	\$2	0.37	\$5 ¹
SC07-049	ROG	2	\$1	\$2	0.37	\$5 ¹
SC07-050	ROG	2	\$1	\$2	0.37	\$5 ¹
SC07-062	ROG	2	\$5,000	\$10,000	0.37	\$27,397
SC07-071	ROG	2	\$7,000	\$14,000	0.37	\$38,356
SC07-082	ROG	2	\$7,500	\$15,000	0.37	\$41,096
SC07-089	ROG	2	\$7,500	\$15,000	0.37	\$41,096
SC07-104	ROG	2	\$7,500	\$15,000	0.37	\$41,096
SC07-121	ROG	2	\$7,700	\$15,400	0.37	\$42,192
SC07-126	ROG	2	\$0	\$0	0.37	\$0 ¹
SC07-044	ROG	3	\$8,000	\$24,000	0.55	\$43,836
SC07-047	ROG	3	\$0	\$0	0.55	\$0 ¹
SC07-087	ROG	3	\$7,500	\$22,500	0.55	\$41,096
SC07-098	ROG	3	\$7,200	\$21,600	0.55	\$39,452
SC07-100	ROG	3	\$7,200	\$21,600	0.55	\$39,452
SC07-118	ROG	3	\$7,200	\$21,600	0.55	\$39,452

Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2007

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC07-215	ROG	3	\$0	\$0	0.55	\$0 ¹
SC07-217	ROG	3	\$15,000	\$45,000	0.55	\$82,192
SC07-224	ROG	3	\$0	\$0	0.55	\$0 ¹
SC07-085	ROG	4	\$7,500	\$30,000	0.73	\$41,096
SC07-091	ROG	4	\$6,000	\$24,000	0.73	\$32,877
SC07-220	ROG	4	\$0	\$0	0.73	\$0 ¹
SC07-033	ROG	5	\$6,400	\$32,000	0.91	\$35,068
SC07-034	ROG	5	\$6,200	\$31,000	0.91	\$33,973
SC07-035	ROG	5	\$6,500	\$32,500	0.91	\$35,616
SC07-046	ROG	5	\$0	\$0	0.91	\$0 ¹
SC07-055	ROG	5	\$0	\$0	0.91	\$0 ¹
SC07-077	ROG	5	\$6,250	\$31,250	0.91	\$34,247
SC07-083	ROG	5	\$7,500	\$37,500	0.91	\$41,096
SC07-093	ROG	5	\$5,500	\$27,500	0.91	\$30,137
SC07-094	ROG	5	\$5,500	\$27,500	0.91	\$30,137
SC07-107	ROG	5	\$7,500	\$37,500	0.91	\$41,096
SC07-122	ROG	5	\$7,250	\$36,250	0.91	\$39,726
SC07-163	ROG	5	\$7,450	\$37,250	0.91	\$40,822
SC07-015	ROG	6	\$3,900	\$23,400	1.10	\$21,370
SC07-021	ROG	6	\$4,500	\$27,000	1.10	\$24,658
SC07-081	ROG	6	\$7,500	\$45,000	1.10	\$41,096
SC07-099	ROG	6	\$7,200	\$43,200	1.10	\$39,452
SC07-128	ROG	6	\$0	\$0	1.10	\$0 ¹
SC07-129	ROG	6	\$0	\$0	1.10	\$0 ¹
SC07-114	ROG	7	\$0	\$0	1.28	\$0 ¹
SC07-216	ROG	7	\$15,000	\$105,000	1.28	\$82,192
SC07-030	ROG	8	\$0	\$0	1.46	\$0 ¹
SC07-074	ROG	8	\$7,500	\$60,000	1.46	\$41,096
SC07-005	ROG	9	\$0	\$0	1.64	\$0 ¹
SC07-106	ROG	9	\$6,000	\$54,000	1.64	\$32,877
SC07-116	ROG	9	\$5,500	\$49,500	1.64	\$30,137
SC07-032	ROG	10	\$6,050	\$60,500	1.83	\$33,151
SC07-039	ROG	10	\$5,500	\$55,000	1.83	\$30,137
SC07-054	ROG	10	\$6,500	\$65,000	1.83	\$35,616
SC07-064	ROG	10	\$7,000	\$70,000	1.83	\$38,356
SC07-070	ROG	10	\$7,100	\$71,000	1.83	\$38,904
SC07-166	ROG	10	\$7,250	\$72,500	1.83	\$39,726
SC07-175	ROG	10	\$10,000	\$100,000	1.83	\$54,795

**Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2007**

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC07-178	ROG	10	\$3,000	\$30,000	1.83	\$16,438
SC07-037	ROG	11	\$6,950	\$76,450	2.01	\$38,082
SC07-051	ROG	11	\$7,000	\$77,000	2.01	\$38,356
SC07-101	ROG	11	\$7,200	\$79,200	2.01	\$39,452
SC07-124	ROG	11	\$5,000	\$55,000	2.01	\$27,397
SC07-168	ROG	11	\$8,350	\$91,850	2.01	\$45,753
SC07-169	ROG	11	\$9,500	\$104,500	2.01	\$52,055
SC07-170	ROG	11	\$8,900	\$97,900	2.01	\$48,767
SC07-031	ROG	12	\$5,000	\$60,000	2.19	\$27,397
SC07-045	ROG	12	\$0	\$0	2.19	\$0 ¹
SC07-058	ROG	12	\$6,000	\$72,000	2.19	\$32,877
SC07-172	ROG	12	\$9,000	\$108,000	2.19	\$49,315
SC07-010	ROG	14	\$0	\$0	2.56	\$0 ¹
SC07-052	ROG	14	\$6,500	\$91,000	2.56	\$35,616
SC07-020	ROG	15	\$5,900	\$88,500	2.74	\$32,329
SC07-069	ROG	15	\$7,100	\$106,500	2.74	\$38,904
SC07-075	ROG	15	\$5,700	\$85,500	2.74	\$31,233
SC07-097	ROG	15	\$7,200	\$108,000	2.74	\$39,452
SC07-004	ROG	17	\$5,900	\$100,300	3.10	\$32,329
SC07-023	ROG	19	\$5,900	\$112,100	3.47	\$32,329
SC07-096	ROG	20	\$6,500	\$130,000	3.65	\$35,616
SC07-164	ROG	20	\$8,500	\$170,000	3.65	\$46,575
SC07-226	ROG	20	\$17,000	\$340,000	3.65	\$93,151
SC07-190	ROG	21	\$12,000	\$252,000	3.83	\$65,753
SC07-063	ROG	22	\$0	\$0	4.02	\$0 ¹
SC07-115	ROG	23	\$7,450	\$171,350	4.20	\$40,822
SC07-162	ROG	23	\$7,450	\$171,350	4.20	\$40,822
SC07-022	ROG	25	\$5,900	\$147,500	4.56	\$32,329
SC07-042	ROG	25	\$0	\$0	4.56	\$0 ¹
SC07-173	ROG	25	\$12,000	\$300,000	4.56	\$65,753
SC07-179	ROG	25	\$0	\$0	4.56	\$0 ¹
SC07-180	ROG	25	\$0	\$0	4.56	\$0 ¹
SC07-003	ROG	26	\$5,900	\$153,400	4.75	\$32,329
SC07-043	ROG	26	\$0	\$0	4.75	\$0 ¹
SC07-092	ROG	28	\$6,000	\$168,000	5.11	\$32,877
SC07-153	ROG	29	\$6,250	\$181,250	5.29	\$34,247
SC07-073	ROG	31	\$6,125	\$189,875	5.66	\$33,562
SC07-040	ROG	32	\$6,000	\$192,000	5.84	\$32,877

Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2007

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC07-072	ROG	32	\$6,125	\$196,000	5.84	\$33,562
SC07-218	ROG	32	\$0	\$0	5.84	\$0 ¹
SC07-219	ROG	35	\$0	\$0	6.39	\$0 ¹
SC07-225	ROG	37	\$0	\$0	6.75	\$0 ¹
SC07-095	ROG	48	\$0	\$0	8.76	\$0 ¹
SC07-223	ROG	49	\$0	\$0	8.94	\$0 ¹
SC07-167	ROG	50	\$8,160	\$408,000	9.13	\$44,712
SC07-059	ROG	52	\$0	\$0	9.49	\$0 ¹
SC07-002	ROG	55	\$5,900	\$324,500	10.04	\$32,329
SC07-013	ROG	64	\$0	\$0	11.68	\$0 ¹
SC07-027	ROG	64	\$0	\$0	11.68	\$0 ¹
SC07-123	ROG	80	\$7,000	\$560,000	14.60	\$38,356
SC07-113	ROG	86	\$7,450	\$640,700	15.70	\$40,822
SC07-222	ROG	86	\$0	\$0	15.70	\$0 ¹
SC07-189	ROG	88	\$8,600	\$756,800	16.06	\$47,123
SC07-221	ROG	95	\$0	\$0	17.34	\$0 ¹
SC07-018	ROG	100	\$5,100	\$510,000	18.25	\$27,945
SC07-019	ROG	100	\$3,050	\$305,000	18.25	\$16,712
SC07-165	ROG	100	\$7,300	\$730,000	18.25	\$40,000
SC07-011	ROG	117	\$5,750	\$672,750	21.35	\$31,507
SC07-053	ROG	117	\$6,500	\$760,500	21.35	\$35,616
SC07-012	ROG	136	\$0	\$0	24.82	\$0 ¹
SC07-026	ROG	136	\$0	\$0	24.82	\$0 ¹
SC07-028	ROG	348	\$0	\$0	63.51	\$0 ¹
SC07-025	ROG	501	\$0	\$0	91.43	\$0 ¹
SC07-014	ROG	727	\$0	\$0	132.68	\$0 ¹
SC07-029	ROG	727	\$0	\$0	132.68	\$0 ¹
	TOTAL	5,071			925.46	
TOTAL W/ \$ AMNT		1,725		\$11,637,531	312.99	
	AVG. COST		\$6,746			\$37,182
SC07-061	NOX	1	\$100,000	\$100,000	0.18	\$547,945
SC07-109	NOX	3	\$110,000	\$330,000	0.55	\$602,740
SC07-105	NOX	7	\$100,000	\$700,000	1.28	\$547,945
SC07-060	NOX	13	\$100,000	\$1,300,000	2.37	\$547,945
SC07-024	NOX	31	\$34,000	\$1,054,000	5.66	\$186,301

Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2007

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
	TOTAL	55			10.04	
TOTAL W/ \$ AMNT		55		\$3,484,000	10.04	
	AVG. COST		\$63,345			\$347,098
SC07-006	SOX	2	\$0	\$0	0.37	\$0 ¹
SC07-171	SOX	2	\$34,000	\$68,000	0.37	\$186,301
SC07-057	SOX	4	\$0	\$0	0.73	\$0 ¹
SC07-145	SOX	4	\$30,550	\$122,200	0.73	\$167,397
SC07-177	SOX	5	\$60,000	\$300,000	0.91	\$328,767
SC07-191	SOX	8	\$50,000	\$400,000	1.46	\$273,973
SC07-067	SOX	24	\$34,000	\$816,000	4.38	\$186,301
SC07-174	SOX	31	\$65,000	\$2,015,000	5.66	\$356,164
	TOTAL	80			14.60	
TOTAL W/ \$ AMNT		74		\$3,721,200	13.51	
	AVG. COST		\$50,286			\$275,542
SC07-007	CO	1	\$0	\$0	0.18	\$0 ¹
SC07-120	CO	1	\$5,674	\$5,674	0.18	\$31,090
SC07-068	CO	3	\$6,500	\$19,500	0.55	\$35,616
SC07-119	CO	24	\$5,674	\$136,176	4.38	\$31,090
SC07-161	CO	35	\$571	\$20,000	6.39	\$3,131
	TOTAL	64			11.68	
TOTAL W/ \$ AMNT		63		\$181,350	11.50	
	AVG. COST		\$2,879			\$15,773
SC07-008	PM10	1	\$0	\$0	0.18	\$0 ¹
SC07-080	PM10	1	\$0	\$0	0.18	\$0 ¹
SC07-214	PM10	1	\$0	\$0	0.18	\$0 ¹
SC07-076	PM10	2	\$80,000	\$160,000	0.37	\$438,356
SC07-056	PM10	4	\$131,000	\$524,000	0.73	\$717,808
SC07-112	PM10	4	\$150,000	\$600,000	0.73	\$821,918
SC07-209	PM10	4	\$100,000	\$400,000	0.73	\$547,945
SC07-137	PM10	7	\$68,609	\$480,263	1.28	\$375,940
SC07-199	PM10	7	\$236,000	\$1,652,000	1.28	\$1,293,151
SC07-016	PM10	10	\$100,000	\$1,000,000	1.83	\$547,945
SC07-017	PM10	10	\$100,000	\$1,000,000	1.83	\$547,945
SC07-009	PM10	11	\$0	\$0	2.01	\$0 ¹

**Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2007**

SCAQMD NO.	POLLUTANT	AMOUNT (LBS/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC07-065	PM10	12	\$0	\$0	2.19	\$0 ¹
SC07-066	PM10	12	\$68,000	\$816,000	2.19	\$372,603
SC07-207	PM10	13	\$58,860	\$765,181	2.37	\$322,521
	TOTAL	99			18.07	
TOTAL W/ \$ AMNT		73		\$7,397,445	13.32	\$555,260

¹ SUBSIDIARY TRANSACTION