

South Coast Air Quality Management District

Annual Publication of Emission Reduction Credit Transactions For Calendar Year 2006

(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 2006. 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 2006

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	124	3,199	584	\$13,142
NOx	13	143	26	\$287,474
SOx	7	150	27	\$188,620
CO	16	332	61	\$31,501
PM10	7	28	5	\$431,761

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 2006
Sorted by Pollutant and Amount

SCAQMD NUMBER	POLLUTANT	AMOUNT (LB/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC06-0137	ROG	1	\$0	\$0	0.18	\$0 ²
SC06-0223	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0310	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0311	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0317	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0319	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0341	ROG	1	\$0	\$0	0.18	\$0 ¹
SC06-0264	ROG	1	\$1,900	\$1,900	0.18	\$10,411
SC06-0265	ROG	1	\$1,900	\$1,900	0.18	\$10,411
SC06-0179	ROG	1	\$2,350	\$2,350	0.18	\$12,877
SC06-0345	ROG	1	\$3,300	\$3,300	0.18	\$18,082
SC06-0399	ROG	1	\$3,300	\$3,300	0.18	\$18,082
SC06-0376	ROG	1	\$3,400	\$3,400	0.18	\$18,630
SC06-0318	ROG	2	\$0	\$0	0.37	\$0 ¹
SC06-0361	ROG	2	\$0	\$0	0.37	\$0 ¹
SC06-0362	ROG	2	\$0	\$0	0.37	\$0 ¹
SC06-0363	ROG	2	\$0	\$0	0.37	\$0 ¹
SC06-0112	ROG	2	\$1,975	\$3,950	0.37	\$10,822
SC06-0158	ROG	2	\$2,800	\$5,600	0.37	\$15,342
SC06-0238	ROG	2	\$3,000	\$6,000	0.37	\$16,438
SC06-0312	ROG	3	\$0	\$0	0.55	\$0 ¹
SC06-0313	ROG	3	\$0	\$0	0.55	\$0 ¹
SC06-0266	ROG	3	\$1,900	\$5,700	0.55	\$10,411
SC06-0385	ROG	3	\$3,000	\$9,000	0.55	\$16,438
SC06-0384	ROG	3	\$3,350	\$10,050	0.55	\$18,356
SC06-0245	ROG	4	\$0	\$0	0.73	\$0 ²
SC06-0314	ROG	4	\$0	\$0	0.73	\$0 ¹
SC06-0367	ROG	4	\$0	\$0	0.73	\$0 ¹
SC06-0157	ROG	4	\$1,000	\$4,000	0.73	\$5,479
SC06-0135	ROG	4	\$1,500	\$6,000	0.73	\$8,219
SC06-0336	ROG	4	\$3,000	\$12,000	0.73	\$16,438
SC06-0372	ROG	4	\$3,600	\$14,400	0.73	\$19,726
SC06-0386	ROG	4	\$3,650	\$14,600	0.73	\$20,000
SC06-0290	ROG	4	\$3,700	\$14,800	0.73	\$20,274
SC06-0178	ROG	5	\$0	\$0	0.91	\$0 ²
SC06-0260	ROG	5	\$0	\$0	0.91	\$0 ²

**Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2006**

SCAQMD NUMBER	POLLUTANT	AMOUNT (LB/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC06-0208	ROG	5	\$1,500	\$7,500	0.91	\$8,219
SC06-0249	ROG	5	\$2,200	\$11,000	0.91	\$12,055
SC06-0337	ROG	5	\$3,000	\$15,000	0.91	\$16,438
SC06-0338	ROG	5	\$3,000	\$15,000	0.91	\$16,438
SC06-0316	ROG	6	\$0	\$0	1.10	\$0 ¹
SC06-0218	ROG	6	\$1,375	\$8,250	1.10	\$7,534
SC06-0283	ROG	7	\$0	\$0	1.28	\$0 ²
SC06-0284	ROG	8	\$0	\$0	1.46	\$0 ¹
SC06-0315	ROG	8	\$0	\$0	1.46	\$0 ¹
SC06-0403	ROG	8	\$0	\$0	1.46	\$0 ¹
SC06-0215	ROG	8	\$1,300	\$10,400	1.46	\$7,123
SC06-0263	ROG	8	\$3,200	\$25,600	1.46	\$17,534
SC06-0393	ROG	8	\$3,900	\$31,200	1.46	\$21,370
SC06-0232	ROG	9	\$0	\$0	1.64	\$0 ¹
SC06-0292	ROG	9	\$1,600	\$14,400	1.64	\$8,767
SC06-0186	ROG	10	\$1,000	\$10,000	1.83	\$5,479
SC06-0229	ROG	10	\$2,900	\$29,000	1.83	\$15,890
SC06-0209	ROG	10	\$3,000	\$30,000	1.83	\$16,438
SC06-0287	ROG	10	\$3,000	\$30,000	1.83	\$16,438
SC06-0333	ROG	10	\$3,000	\$30,000	1.83	\$16,438
SC06-0269	ROG	10	\$3,325	\$33,250	1.83	\$18,219
SC06-0329	ROG	10	\$3,400	\$34,000	1.83	\$18,630
SC06-0235	ROG	11	\$0	\$0	2.01	\$0 ¹
SC06-0368	ROG	11	\$1,500	\$16,500	2.01	\$8,219
SC06-0294	ROG	11	\$2,000	\$22,000	2.01	\$10,959
SC06-0344	ROG	11	\$3,000	\$33,000	2.01	\$16,438
SC06-0358	ROG	12	\$0	\$0	2.19	\$0 ¹
SC06-0199	ROG	12	\$1,300	\$15,600	2.19	\$7,123
SC06-0163	ROG	13	\$0	\$0	2.37	\$0 ²
SC06-0161	ROG	13	\$1,500	\$19,500	2.37	\$8,219
SC06-0151	ROG	14	\$1,000	\$14,000	2.56	\$5,479
SC06-0256	ROG	14	\$1,900	\$26,600	2.56	\$10,411
SC06-0291	ROG	14	\$3,050	\$42,700	2.56	\$16,712
SC06-0207	ROG	15	\$0	\$0	2.74	\$0 ²
SC06-0332	ROG	15	\$0	\$0	2.74	\$0 ²
SC06-0138	ROG	15	\$1,000	\$15,000	2.74	\$5,479
SC06-0221	ROG	15	\$1,450	\$21,750	2.74	\$7,945
SC06-0099	ROG	15	\$1,525	\$22,875	2.74	\$8,356
SC06-0280	ROG	15	\$2,000	\$30,000	2.74	\$10,959

**Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2006**

SCAQMD NUMBER	POLLUTANT	AMOUNT (LB/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC06-0247	ROG	15	\$2,333	\$35,000	2.74	\$12,785
SC06-0342	ROG	15	\$3,250	\$48,750	2.74	\$17,808
SC06-0206	ROG	16	\$0	\$0	2.92	\$0 ¹
SC06-0171	ROG	16	\$1,290	\$20,640	2.92	\$7,068
SC06-0346	ROG	16	\$3,025	\$48,400	2.92	\$16,575
SC06-0102	ROG	17	\$0	\$0	3.10	\$0 ¹
SC06-0281	ROG	17	\$3,100	\$52,700	3.10	\$16,986
SC06-0182	ROG	18	\$1,300	\$23,400	3.29	\$7,123
SC06-0162	ROG	18	\$1,610	\$28,980	3.29	\$8,822
SC06-0246	ROG	18	\$2,950	\$53,100	3.29	\$16,164
SC06-0110	ROG	19	\$2,200	\$41,800	3.47	\$12,055
SC06-0279	ROG	20	\$2,900	\$58,000	3.65	\$15,890
SC06-0259	ROG	23	\$1,900	\$43,700	4.20	\$10,411
SC06-0375	ROG	23	\$3,400	\$78,200	4.20	\$18,630
SC06-0194	ROG	25	\$0	\$0	4.56	\$0 ¹
SC06-0391	ROG	25	\$3,475	\$86,875	4.56	\$19,041
SC06-0397	ROG	25	\$3,700	\$92,500	4.56	\$20,274
SC06-0303	ROG	27	\$3,225	\$87,075	4.93	\$17,671
SC06-0296	ROG	30	\$0	\$0	5.48	\$0 ¹
SC06-0252	ROG	32	\$1,800	\$57,600	5.84	\$9,863
SC06-0248	ROG	33	\$3,500	\$115,500	6.02	\$19,178
SC06-0322	ROG	39	\$2,200	\$85,800	7.12	\$12,055
SC06-0326	ROG	40	\$2,400	\$96,000	7.30	\$13,151
SC06-0253	ROG	42	\$1,455	\$61,110	7.67	\$7,973
SC06-0282	ROG	42	\$3,200	\$134,400	7.67	\$17,534
SC06-0309	ROG	43	\$0	\$0	7.85	\$0 ¹
SC06-0306	ROG	44	\$0	\$0	8.03	\$0 ¹
SC06-0219	ROG	48	\$0	\$0	8.76	\$0 ¹
SC06-0402	ROG	48	\$0	\$0	8.76	\$0 ¹
SC06-0187	ROG	48	\$1,200	\$57,600	8.76	\$6,575
SC06-0122	ROG	50	\$2,800	\$140,000	9.13	\$15,342
SC06-0277	ROG	54	\$0	\$0	9.86	\$0 ²
SC06-0241	ROG	58	\$2,600	\$150,800	10.59	\$14,247
SC06-0117	ROG	59	\$1,688	\$99,592	10.77	\$9,249
SC06-0111	ROG	60	\$1,000	\$60,000	10.95	\$5,479
SC06-0242	ROG	62	\$2,600	\$161,200	11.32	\$14,247
SC06-0146	ROG	75	\$975	\$73,125	13.69	\$5,342
SC06-0278	ROG	86	\$0	\$0	15.70	\$0 ²
SC06-0220	ROG	86	\$2,500	\$215,000	15.70	\$13,699
SC06-0271	ROG	86	\$2,500	\$215,000	15.70	\$13,699

**Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2006**

SCAQMD NUMBER	POLLUTANT	AMOUNT (LB/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC06-0214	ROG	100	\$1,000	\$100,000	18.25	\$5,479
SC06-0154	ROG	115	\$975	\$112,125	20.99	\$5,342
SC06-0293	ROG	117	\$3,300	\$386,100	21.35	\$18,082
SC06-0270	ROG	121	\$1,500	\$181,500	22.08	\$8,219
SC06-0394	ROG	125	\$3,650	\$456,250	22.81	\$20,000
SC06-0274	ROG	130	\$0	\$0	23.73	\$0 ²
SC06-0381	ROG	135	\$3,400	\$459,000	24.64	\$18,630
SC06-0141	ROG	136	\$3,100	\$421,600	24.82	\$16,986
SC06-0202	ROG	213	\$2,950	\$628,350	38.87	\$16,164
TOTAL		3,199			584	
TOTAL W/ \$ AMOUNT		2,503		\$6,003,147	457	
AVG. COST			\$2,398			\$13,142
SC06-0136	NOX	1	\$0	\$0	0.18	\$0 ²
SC06-0096	NOX	1	\$15,000	\$15,000	0.18	\$82,192
SC06-0295	NOX	1	\$25,000	\$25,000	0.18	\$136,986
SC06-0165	NOX	1	\$46,000	\$46,000	0.18	\$252,055
SC06-0166	NOX	1	\$50,500	\$50,500	0.18	\$276,712
SC06-0392	NOX	1	\$58,000	\$58,000	0.18	\$317,808
SC06-0224	NOX	3	\$0	\$0	0.55	\$0 ²
SC06-0273	NOX	3	\$60,833	\$182,500	0.55	\$333,333
SC06-0404	NOX	3	\$75,000	\$225,000	0.55	\$410,959
SC06-0167	NOX	5	\$50,500	\$252,500	0.91	\$276,712
SC06-0369	NOX	13	\$51,000	\$663,000	2.37	\$279,452
SC06-0366	NOX	40	\$56,000	\$2,240,000	7.30	\$306,849
SC06-0222	NOX	70	\$50,500	\$3,535,000	12.78	\$276,712
TOTAL		143			26	
TOTAL W/ \$ AMOUNT		139		\$7,292,500	25	
AVG. COST			\$52,464			\$287,474
SC06-0113	SOX	2	\$30,500	\$61,000	0.37	\$167,123
SC06-0115	SOX	10	\$30,000	\$300,000	1.83	\$164,384
SC06-0272	SOX	20	\$31,000	\$620,000	3.65	\$169,863
SC06-0398	SOX	20	\$50,000	\$1,000,000	3.65	\$273,973
SC06-0114	SOX	26	\$30,500	\$793,000	4.75	\$167,123
SC06-0183	SOX	26	\$31,000	\$806,000	4.75	\$169,863
SC06-0134	SOX	46	\$0	\$0	8.40	\$0 ²
TOTAL		150			27	
TOTAL W/ \$ AMOUNT		104		\$3,580,000	19	
AVG. COST			\$34,423			\$188,620

Annual Publication of Emission Reduction Credit (ERC) Transactions
for Calendar Year 2006

SCAQMD NUMBER	POLLUTANT	AMOUNT (LB/DAY)	COST (\$/LB/DAY)	TOTAL COST	TON/YR	COST (\$/TON/YR)
SC06-0116	CO	1	\$2,500	\$2,500	0.18	\$13,699
SC06-0176	CO	1	\$7,000	\$7,000	0.18	\$38,356
SC06-0168	CO	2	\$0	\$0	0.37	\$0 ²
SC06-0118	CO	2	\$2,500	\$5,000	0.37	\$13,699
SC06-0129	CO	3	\$0	\$0	0.55	\$0 ²
SC06-0092	CO	3	\$5,000	\$15,000	0.55	\$27,397
SC06-0127	CO	7	\$0	\$0	1.28	\$0 ²
SC06-0130	CO	7	\$0	\$0	1.28	\$0 ²
SC06-0093	CO	7	\$5,000	\$35,000	1.28	\$27,397
SC06-0131	CO	8	\$0	\$0	1.46	\$0 ²
SC06-0095	CO	8	\$5,000	\$40,000	1.46	\$27,397
SC06-0177	CO	24	\$7,000	\$168,000	4.38	\$38,356
SC06-0323	CO	41	\$3,750	\$153,750	7.48	\$20,548
SC06-0094	CO	72	\$5,000	\$360,000	13.14	\$27,397
SC06-0128	CO	73	\$0	\$0	13.32	\$0 ²
SC06-0121	CO	73	\$7,500	\$547,500	13.32	\$41,096
TOTAL		332			61	
TOTAL W/ \$ AMOUNT		232		\$1,333,750	42	
AVG. COST			\$5,749			\$31,501
SC06-0405	PM10	1	\$0	\$0	0.18	\$0 ²
SC06-0164	PM10	1	\$47,500	\$47,500	0.18	\$260,274
SC06-0254	PM10	1	\$85,000	\$85,000	0.18	\$465,753
SC06-0343	PM10	1	\$85,000	\$85,000	0.18	\$465,753
SC06-0255	PM10	2	\$85,000	\$170,000	0.37	\$465,753
SC06-0203	PM10	10	\$90,000	\$900,000	1.83	\$493,151
SC06-0355	PM10	12	\$70,000	\$840,000	2.19	\$383,562
TOTAL		28			5	
TOTAL W/ \$ AMOUNT		27		\$2,127,500	5	
AVG. COST			\$78,796			\$431,761

¹ SUBSIDIARY TRANSACTION

² BARTER TRANSACTION