

Voluntary Reporting of Greenhouse Gases 2003

**Table 29. Total Reported Entity-Level Reductions in Emissions of Greenhouse Gases by Gas and Source,
Data Year 2003**
(Million Metric Tons Carbon Dioxide Equivalent)

Gas and Type of Reduction	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Carbon Dioxide													
Direct	25.7	43.5	46.4	62.9	85.3	93.5	94.4	108.5	114.3	136.4	141.7	142.5	139.8
Indirect	12.7	10.9	9.1	5.4	10.1	13.4	13.4	17.3	18.8	19.4	20.9	26.1	31.1
Methane													
Direct	5.9	8.1	15.8	21.5	30.9	36.6	41.2	45.4	51.6	58.1	63.9	71.9	74.7
Indirect	1.7	2.7	3.2	3.6	4.0	4.6	5.6	6.2	6.8	8.0	9.0	10.7	11.3
Nitrous Oxide													
Direct	*	*	*	*	*	*	*	*	*	-0.1	*	*	*
Indirect	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hydrofluorocarbons													
Direct	—	—	—	*	*	*	*	*	-0.2	-0.3	-0.7	-1.2	-1.1
Indirect	—	—	—	—	—	—	—	—	—	—	—	—	—
Perfluorocarbons													
Direct	*	*	*	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.4
Indirect	*	*	*	*	*	*	*	*	*	*	*	*	*
Sulfur Hexafluoride													
Direct	*	*	*	*	0.1	*	0.4	0.6	0.6	0.6	0.7	0.9	0.5
Indirect	—	—	—	—	—	—	*	*	*	*	*	*	*
Total													
Direct.....	31.6	51.5	62.3	84.5	116.4	130.3	136.1	154.7	166.5	195.0	206.1	214.5	214.2
Indirect.....	14.5	13.7	12.3	9.1	14.2	18.2	19.1	23.6	25.7	27.5	29.9	36.9	42.6

*Less than 0.05 million metric tons.

— = none reported.

Note: Negative numbers indicate increases in emissions.

Source: Energy Information Administration, Form EIA-1605.