

Voluntary Reporting of Greenhouse Gases 2003

Table 4. Summary of Reported Project-Level Emission Reductions and Carbon Sequestration by Reduction Objective and Gas, Data Year 2003
(Metric Tons Carbon Dioxide Equivalent)

Gas	Reductions by Project Objective				Total Reductions
	Reduce Carbon Dioxide Emissions	Reduce Methane and Nitrous Oxide Emissions	Increase Carbon Sequestration	Reduce Emissions of Halogenated Substances	
Direct					
Carbon Dioxide	193,113,253	-7,975,336 ^a	1,932	—	185,139,849
Methane	347,122	76,645,627	—	—	76,992,749
Nitrous Oxide.	32,778	-23,899 ^a	—	—	8,879
HFCs.	—	—	—	—	0
PFCs.	25,536	—	—	3,524,969	3,550,504
SF ₆	—	—	—	2,611,910	2,611,910
Total Direct.	193,518,689	68,646,392	1,932	6,136,879	268,303,892
Indirect					
Carbon Dioxide	38,461,582	16,977,303	—	—	55,438,884
Methane	264,381	22,737,072	—	—	23,001,453
Nitrous Oxide.	56,049	121,374	—	—	177,423
HFCs.	—	—	—	38,702	38,702
PFCs.	236,823	—	—	567	237,390
SF ₆	—	—	—	2,184,750	2,184,750
Total Indirect	39,018,835	39,835,749	—	2,224,018	81,078,602
Sequestration					
Carbon Dioxide	—	—	7,730,969	—	7,730,969
Methane	—	—	—	—	—
Nitrous Oxide.	—	—	—	—	—
HFCs.	—	—	—	—	—
PFCs.	—	—	—	—	—
SF ₆	—	—	—	—	—
Total Sequestration.	—	—	7,730,969	—	7,730,969
Unspecified^b					
Carbon Dioxide	12,427,175	39,057	28,576	—	12,494,809
Methane	21,456	3,813,915	—	—	3,835,371
Nitrous Oxide.	—	—	—	—	—
HFCs.	—	—	—	—	—
PFCs.	1,910	—	—	—	1,910
SF ₆	22,154	—	—	6,495	28,649
Total Unspecified	12,472,694	3,852,972	28,576	6,495	16,360,738

^aNegative reductions represent increases in emissions.

^bUnspecified emission reductions represent quantities reported on the short form (Form EIA-1605EZ), where reporters are not asked to specify whether the emission reduction or sequestration is direct or indirect.

Notes: CFCs, HCFCs, and methyl chloroform are not included in the totals because of the uncertainty associated with estimates of net global warming potential for these gases. Their direct warming effects (radiative forcing) are offset by indirect cooling effects (destruction of stratospheric ozone, another greenhouse gas). Direct, indirect, and unspecified emission reductions and sequestration have not been totaled to avoid double counting of reductions or sequestration that have been reported by more than one entity.

Source: Energy Information Administration, Forms EIA-1605 and EIA-1605EZ.