

Voluntary Reporting of Greenhouse Gases 2004

Table 25. Total Entity-Level Emissions of Greenhouse Gases by Type of Emissions, 1990 and 1996-2004, Reported for Data Year 2004
 (Million Metric Tons Carbon Dioxide Equivalent)

| Gas and Type of Emissions | 1990 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Carbon Dioxide | | | | | | | | | | |
| Direct | 682.2 | 738.1 | 779.1 | 868.1 | 873.2 | 904.5 | 884.8 | 891.0 | 898.7 | 902.4 |
| Indirect | 423.4 | 412.3 | 406.1 | 396.2 | 397.0 | 69.3 | 67.6 | 78.2 | 73.5 | 75.3 |
| Methane | | | | | | | | | | |
| Direct | 59.5 | 30.4 | 32.3 | 37.3 | 31.8 | 30.4 | 30.2 | 27.4 | 23.5 | 25.4 |
| Indirect | 1.7 | 1.5 | 1.4 | 1.4 | 1.3 | * | * | * | * | * |
| Nitrous Oxide | | | | | | | | | | |
| Direct | * | * | * | * | * | 0.1 | * | 0.1 | * | 0.1 |
| Indirect | 17.3 | 19.9 | 19.3 | 18.6 | 17.9 | * | * | * | * | * |
| Hydrofluorocarbons | | | | | | | | | | |
| Direct | * | * | * | 0.1 | 0.2 | 0.4 | 0.8 | 2.1 | 2.3 | 2.6 |
| Indirect | * | 5.0 | 5.2 | 5.2 | 5.2 | 5.2 | 3.9 | 5.6 | 4.5 | — |
| Perfluorocarbons | | | | | | | | | | |
| Direct | 0.6 | 0.3 | 0.3 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Sulfur Hexafluoride | | | | | | | | | | |
| Direct | 0.2 | 5.2 | 5.3 | 4.1 | 3.3 | 3.7 | 3.9 | 3.6 | 3.1 | 3.1 |
| Indirect | — | — | — | — | — | 0.1 | 0.1 | 0.1 | * | * |
| Total | | | | | | | | | | |
| Direct | 742.5 | 774.0 | 817.1 | 909.7 | 908.7 | 939.1 | 919.9 | 924.4 | 927.9 | 933.9 |
| Indirect | 442.4 | 438.7 | 432.0 | 421.3 | 421.4 | 74.6 | 71.6 | 83.9 | 78.1 | 75.3 |

*Less than 50,000 MTCO₂e.

— = None reported.

Source: Energy Information Administration, Form EIA-1605.

Table 26. Total Entity-Level Carbon Dioxide Emissions by Type and Source, 1990 and 1996-2004, Reported for Data Year 2004
 (Million Metric Tons Carbon Dioxide)

| Type of Emission Source | 1990 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Emissions | | | | | | | | | | |
| Stationary Combustion | 677.2 | 718.3 | 759.2 | 846.8 | 851.6 | 883.1 | 863.5 | 870.2 | 877.7 | 879.2 |
| Transportation | 1.3 | 11.7 | 12.0 | 13.3 | 13.5 | 13.3 | 13.1 | 13.0 | 13.7 | 15.1 |
| Other Direct Sources | 3.7 | 8.0 | 7.9 | 7.9 | 8.1 | 8.0 | 8.2 | 7.8 | 7.3 | 8.2 |
| Total Direct | 682.2 | 738.1 | 779.1 | 868.1 | 873.2 | 904.5 | 884.8 | 891.0 | 898.7 | 902.4 |
| Indirect Emissions | | | | | | | | | | |
| Purchased Power | 49.2 | 52.0 | 53.4 | 50.7 | 56.2 | 69.1 | 66.6 | 77.0 | 72.0 | 74.9 |
| Other Indirect Sources | 374.1 | 360.3 | 352.7 | 345.5 | 340.8 | 0.2 | 1.0 | 1.2 | 1.5 | 0.3 |
| Total Indirect | 423.4 | 412.3 | 406.1 | 396.2 | 397.0 | 69.3 | 67.6 | 78.2 | 73.5 | 75.3 |

Source: Energy Information Administration, Form EIA-1605.

Table 27. Largest Reported Entity-Level Direct Carbon Dioxide Emissions by Reporter and Source, Data Year 2004

| Reporter | Emissions Source | Reported Direct Carbon Dioxide Emissions (Million MTCO ₂) | Percentage of 2004 Total Reported Direct Emissions of All Greenhouse Gases |
|---------------------------------|-----------------------|---|--|
| Southern Company | Stationary Combustion | 128.8 | 13.9 |
| Tennessee Valley Authority | Stationary Combustion | 87.9 | 9.5 |
| Cinergy Corp. | Stationary Combustion | 58.3 | 6.3 |
| FPL Group | Stationary Combustion | 55.5 | 6.0 |
| Duke Energy Corporation | Stationary Combustion | 54.4 | 5.9 |
| FirstEnergy Corporation | Stationary Combustion | 42.5 | 4.6 |
| Allegheny Energy, Inc. | Stationary Combustion | 40.3 | 4.4 |
| DTE Energy/ Detroit Edison | Stationary Combustion | 40.0 | 4.3 |
| Entergy Services, Inc. | Stationary Combustion | 34.7 | 3.8 |
| BP America | Stationary Combustion | 32.4 | 3.5 |
| The Dow Chemical Company | Stationary Combustion | 26.1 | 2.8 |
| Florida Power Corporation | Stationary Combustion | 22.4 | 2.4 |
| Alliant Energy | Stationary Combustion | 21.0 | 2.3 |
| Public Service Enterprise Group | Stationary Combustion | 20.6 | 2.2 |
| Constellation Energy | Stationary Combustion | 20.4 | 2.2 |
| Dynegy, Inc. | Stationary Combustion | 20.2 | 2.2 |
| Total | | 705.5 | 76.3 |

Source: Energy Information Administration, Form EIA-1605.

Table 28. Largest Reported Entity-Level Direct Emissions of Greenhouse Gases Other Than Carbon Dioxide by Reporter and Emissions Source, Data Year 2004

| Reporter | Gas | Emissions Source | Reported Direct Emissions (Thousand MTCO ₂ e) | Percentage of Total Reported Direct Emissions of Other Greenhouse Gases |
|---|-----------------|-----------------------|--|---|
| Consol Coal Group | CH ₄ | Other Direct | 12,084.8 | 38.3 |
| Jim Walter Resources, Inc. | CH ₄ | Other Direct | 4,307.4 | 13.7 |
| Peabody Energy | CH ₄ | Other Direct | 4,070.1 | 12.9 |
| BP America | CH ₄ | Other Direct | 3,171.5 | 10.1 |
| Consolidated Edison Company of New York, Inc. | SF ₆ | Other Direct | 1,950.5 | 6.2 |
| General Electric Company | HFC-134a | Other Direct | 1,292.2 | 4.1 |
| The Dow Chemical Company | HFC-134a | Other Direct | 1,062.0 | 3.4 |
| Public Service Enterprise Group | CH ₄ | Other Direct | 651.8 | 2.1 |
| Cinergy Corp. | CH ₄ | Other Direct | 380.3 | 1.2 |
| Consolidated Edison Company of New York, Inc. | CH ₄ | Other Direct | 339.2 | 1.1 |
| NiSource/NIPSCO | CH ₄ | Stationary Combustion | 319.7 | 1.0 |
| Duke Energy Corporation | SF ₆ | Other Direct | 288.6 | 0.9 |
| The Dow Chemical Company | HFC-245fa | Other Direct | 245.8 | 0.8 |
| Xenon Specialty Gas | SF ₆ | Other Direct | 237.4 | 0.8 |
| Public Service Enterprise Group | SF ₆ | Other Direct | 195.4 | 0.6 |
| Total | | | 30,596.7 | 97.0 |

Source: Energy Information Administration, Form EIA-1605.

Table 29. Total Entity-Level Reductions in Greenhouse Gas Emissions by Type of Emissions, 1991 and 1996-2004, Reported for Data Year 2004
(Million Metric Tons Carbon Dioxide Equivalent)

| Gas and Type of Reduction | 1991 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Carbon Dioxide | | | | | | | | | | |
| Direct | 27.3 | 87.8 | 89.2 | 102.5 | 107.7 | 126.3 | 128.9 | 131.9 | 127.6 | 137.5 |
| Indirect | 12.8 | 16.0 | 16.0 | 20.3 | 22.1 | 20.2 | 21.9 | 24.3 | 31.7 | 37.1 |
| Methane | | | | | | | | | | |
| Direct | 5.9 | 35.0 | 39.3 | 43.0 | 49.7 | 54.6 | 59.8 | 67.3 | 70.8 | 69.5 |
| Indirect | 1.4 | 3.8 | 4.7 | 5.4 | 5.9 | 7.1 | 8.0 | 9.7 | 10.4 | 10.9 |
| 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 |
| Hydrofluorocarbons | | | | | | | | | | |
| Direct | — | — | — | — | — | — | — | * | * | — |
| Indirect | * | * | * | * | -0.2 | -0.3 | -0.7 | -1.2 | -1.1 | -1.3 |
| Perfluorocarbons | | | | | | | | | | |
| Direct | * | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.5 |
| Indirect | * | * | * | * | * | * | * | * | * | * |
| Sulfur Hexafluoride | | | | | | | | | | |
| Direct | * | -0.1 | -0.1 | 1.1 | 1.4 | 1.8 | 1.8 | 2.3 | 2.1 | 2.1 |
| Indirect | — | — | * | * | * | * | * | * | * | * |
| Total | | | | | | | | | | |
| Direct | 33.2 | 122.9 | 128.5 | 146.8 | 158.9 | 182.5 | 190.3 | 200.7 | 199.8 | 208.3 |
| Indirect | 14.2 | 19.9 | 20.8 | 25.9 | 28.1 | 27.5 | 30.0 | 34.2 | 42.3 | 48.2 |

*Less than 0.05 million MTCO₂e.

— = none reported.

Note: Negative numbers indicate increases in emissions.

Source: Energy Information Administration, Form EIA-1605.

Table 30. Total Entity-Level Reductions in Carbon Dioxide Emissions by Type and Source, 1991 and 1996-2004, Reported for Data Year 2004
(Million Metric Tons Carbon Dioxide)

| Type of Reduction Source | 1991 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Reductions | | | | | | | | | | |
| Stationary Combustion | 27.1 | 88.6 | 89.1 | 102.0 | 107.3 | 125.6 | 128.4 | 131.7 | 126.6 | 136.9 |
| Transportation | * | 0.1 | 0.2 | 0.5 | 0.5 | 0.7 | 0.8 | 0.8 | 0.7 | 0.9 |
| Other Direct Sources | 0.2 | -0.8 | -0.1 | — | -0.2 | — | -0.2 | -0.6 | 0.3 | -0.3 |
| Total Direct | 27.3 | 87.8 | 89.2 | 102.5 | 107.7 | 126.3 | 128.9 | 131.9 | 127.6 | 137.5 |
| Indirect Reductions | | | | | | | | | | |
| Purchased Power | 0.2 | -3.8 | -3.9 | 0.1 | -1.7 | -4.5 | -3.8 | -3.9 | 0.9 | 3.5 |
| Other Indirect Sources | 12.6 | 19.8 | 19.9 | 20.3 | 23.8 | 24.8 | 25.7 | 28.2 | 30.8 | 33.6 |
| Total Indirect | 12.8 | 16.0 | 16.0 | 20.3 | 22.1 | 20.2 | 21.9 | 24.3 | 31.7 | 37.1 |
| Carbon Sequestered | 0.6 | 6.6 | 6.9 | 7.1 | 7.1 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 |

*Less than 0.05 million metric tons.

— = none reported.

Note: Negative numbers indicate increases in emissions.

Source: Energy Information Administration, Form EIA-1605.

Table 31. Largest Individual Reported Entity-Level Direct Emission Reductions by Gas, Source, and Type of Reference Case Employed, Data Year 2004

| Reporter | Gas | Source | Reference Case | Reported Direct Emission Reduction (Million MTCO ₂ e) | Percent of Total Reported Direct Reductions |
|---|-----------------|-----------------------|----------------|--|---|
| Waste Management, Inc. | CH ₄ | Other Direct | Modified | 36.1 | 17.3 |
| Tennessee Valley Authority | CO ₂ | Stationary Combustion | Modified | 27.8 | 13.3 |
| Consol Coal Group | CH ₄ | Other Direct | Basic | 19.3 | 9.3 |
| FPL Group | CO ₂ | Stationary Combustion | Modified | 16.6 | 8.0 |
| FirstEnergy Corporation | CO ₂ | Stationary Combustion | Modified | 16.5 | 7.9 |
| Southern Company | CO ₂ | Stationary Combustion | Modified | 12.9 | 6.2 |
| Duke Energy Corporation | CO ₂ | Stationary Combustion | Modified | 10.7 | 5.2 |
| Entergy Services, Inc. | CO ₂ | Stationary Combustion | Modified | 8.2 | 3.9 |
| Constellation Energy | CO ₂ | Stationary Combustion | Modified | 6.4 | 3.1 |
| Florida Power Corporation | CO ₂ | Stationary Combustion | Modified | 5.7 | 2.7 |
| The Dow Chemical Company | CO ₂ | Stationary Combustion | Basic | 4.3 | 2.1 |
| Jim Walter Resources, Inc. | CH ₄ | Other Direct | Modified | 4.0 | 1.9 |
| Municipal Electric Auth of Georgia (MEAG Power) | CO ₂ | Stationary Combustion | Modified | 3.6 | 1.7 |
| NISource/NIPSCO | CH ₄ | Other Direct | Modified | 3.4 | 1.7 |
| PG&E Corporation | CO ₂ | Stationary Combustion | Modified | 3.3 | 1.6 |
| KeySpan Energy Corporation | CO ₂ | Stationary Combustion | Basic | 3.0 | 1.4 |
| CMS Energy | CO ₂ | Stationary Combustion | Modified | 2.8 | 1.3 |
| Alliant Energy | CO ₂ | Stationary Combustion | Modified | 2.7 | 1.3 |
| Palmer Capital Corporation | CH ₄ | Other Direct | Modified | 2.7 | 1.3 |
| BP America | CO ₂ | Stationary Combustion | Modified | 2.3 | 1.1 |
| General Motors Corporation | CO ₂ | Stationary Combustion | Basic | 2.0 | 0.9 |
| BP America | CH ₄ | Other Direct | Modified | 2.0 | 0.9 |
| Los Angeles Department of Water and Power | CO ₂ | Stationary Combustion | Basic | 1.8 | 0.9 |
| Consolidated Edison Company of New York, Inc. | SF ₆ | Other Direct | Modified | 1.7 | 0.8 |
| Sunoco, Inc. | CO ₂ | Stationary Combustion | Basic | 1.6 | 0.8 |
| Cinergy Corp. | CO ₂ | Stationary Combustion | Modified | 1.6 | 0.8 |
| Allegheny Energy, Inc. | CO ₂ | Stationary Combustion | Modified | 1.5 | 0.7 |
| Santee Cooper | CO ₂ | Stationary Combustion | Modified | 1.2 | 0.6 |
| BNSF Railway Company | CO ₂ | Transportation | Modified | 1.2 | 0.6 |
| Total | | | | 207.1 | 99.4 |

Note: For 2004, negative direct entity-level emission reductions were reported by 26 participants in the Voluntary Reporting of Greenhouse Gases Program.

Source: Energy Information Administration, Form EIA-1605.

Table 32. Largest Reported Individual Entity-Level Indirect Emission Reductions by Gas, Source, and Type of Reference Case Employed, Data Year 2004

| Reporter | Gas | Source | Reference Case | Reported Indirect Emission Reduction (Million MTCO ₂ e) | Percent of Total Reported Indirect Reductions |
|---------------------------------------|-----------------|-----------------|----------------|--|---|
| Integrated Waste Services Association | CO ₂ | Other Indirect | Modified | 15.0 | 31.1 |
| Integrated Waste Services Association | CH ₄ | Other Indirect | Modified | 9.4 | 19.6 |
| FPL Group | CO ₂ | Other Indirect | Modified | 4.6 | 9.6 |
| Southern Company | CO ₂ | Other Indirect | Modified | 4.2 | 8.8 |
| Mystic Development, LLC | CO ₂ | Other Indirect | Modified | 2.7 | 5.6 |
| Sacramento Municipal Utility District | CO ₂ | Purchased Power | Basic | 1.8 | 3.8 |
| Portland General Electric Co. | CO ₂ | Purchased Power | Modified | 1.4 | 3.0 |
| General Motors Corporation | CO ₂ | Purchased Power | Basic | 1.2 | 2.5 |
| PG&E Corporation | CO ₂ | Other Indirect | Modified | 1.0 | 2.0 |
| Public Service Enterprise Group | CO ₂ | Purchased Power | Modified | 0.9 | 1.9 |
| Alliant Energy | CO ₂ | Other Indirect | Modified | 0.9 | 1.9 |
| Public Service Enterprise Group | CO ₂ | Other Indirect | Modified | 0.8 | 1.7 |
| FirstEnergy Corporation | CH ₄ | Other Indirect | Modified | 0.8 | 1.6 |
| Waste Management, Inc. | CO ₂ | Purchased Power | Modified | 0.7 | 1.4 |
| Berkshire Power LLC | CO ₂ | Other Indirect | Modified | 0.7 | 1.4 |
| CMS Energy | CO ₂ | Other Indirect | Modified | 0.6 | 1.2 |
| Total | | | | 46.7 | 97.1 |

Note: For 2004, negative indirect entity-level emission reductions were reported by 21 participants in the Voluntary Reporting of Greenhouse Gases Program.

Source: Energy Information Administration, Form EIA-1605.

Table 33. Largest Reported Individual Entity-Level Commitments To Reduce Greenhouse Gases by Gas and Type of Reference Case, Data Year 2004

| Reporter | Gas | Reference Case | Reported Entity-Level Commitment (Million MTCO ₂ e) | Percent of Total Reported Entity-Level Reduction Commitments |
|--|-----------------|----------------|--|--|
| Tennessee Valley Authority | CO ₂ | Modified | 22.6 | 28.0 |
| National Grid | CO ₂ | Basic | 15.1 | 18.8 |
| FPL Group | CO ₂ | Modified | 10.0 | 12.4 |
| Energy Services, Inc. | CO ₂ | Basic | 5.0 | 6.2 |
| Middlesex Generating Company, LLC | CH ₄ | Modified | 4.8 | 5.9 |
| FirstEnergy Corporation | CO ₂ | Modified | 2.9 | 3.5 |
| Noranda Aluminum Inc. | CF ₄ | Basic | 2.8 | 3.4 |
| Alliant Energy | CO ₂ | Modified | 2.4 | 3.0 |
| Greater New Bedford Regional Refuse Mgt District | CH ₄ | Modified | 2.1 | 2.6 |
| BNSF Railway Company | CO ₂ | Modified | 2.1 | 2.6 |
| South Carolina Electric & Gas Company | CO ₂ | Basic | 1.8 | 2.2 |
| Allegheny Energy, Inc. | CO ₂ | Basic | 1.8 | 2.2 |
| Alliant Energy | CO ₂ | Modified | 1.8 | 2.2 |
| Public Service Company of New Mexico | CO ₂ | Basic | 1.5 | 1.8 |
| General Motors Corporation | CO ₂ | Basic | 1.1 | 1.4 |
| Alliant Energy | CO ₂ | Modified | 1.0 | 1.2 |
| Total | | | 83.8 | 97.6 |

Note: Reporters are not asked to indicate whether future reductions will be direct, indirect, or sequestration.

Source: Energy Information Administration, Form EIA-1605.

Table 34. Largest Reported Individual Project-Level Commitments To Reduce Greenhouse Gas Emissions, Data Year 2004

| Reporter | Project Description | Gas | Reported Commitment (Million MTCO ₂ e) | Percent of Total Reported Project-Level Commitments |
|---|---|-------------------------------|---|---|
| Tennessee Valley Authority | Increase in low-emitting capacity | CO ₂ | 17.6 | 28.0 |
| Middlesex Generating Company, LLC | Landfill gas control and energy recovery to produce electric power | CH ₄ | 4.8 | 7.6 |
| FirstEnergy Corporation | Supply-side efficiency improvements | CO ₂ | 4.4 | 6.9 |
| Noranda Aluminum Inc. | Reduce PFC emissions through anode effect reduction program, in keeping with EPA goal of 30-60%; 90% reduction in emissions from lines 1 & 2 and 69% reduction from line 3 (all reductions from 1990 baseline) | CF ₄ | 2.8 | 4.4 |
| FirstEnergy Corporation | Nuclear generation operation improvement | CO ₂ | 2.5 | 4.0 |
| Municipal Electric Authority of Georgia (MEAG Power) | Increase nuclear unit availability | CO ₂ | 2.5 | 3.9 |
| Alliant Energy | Modified forest management | CO ₂ | 2.4 | 3.8 |
| New York Power Authority | NYPA customer energy services programs | CO ₂ | 2.3 | 3.6 |
| Tennessee Valley Authority | Fuel switching | CO ₂ | 2.2 | 3.5 |
| Greater New Bedford Regional Refuse Management District | Landfill gas control and future utilization | CH ₄ | 2.1 | 3.4 |
| CMS Energy | Atlantic Methanol Production Company (AMPCO) to build methanol production plant adjacent to ALBA gas processing plant on Bioko Island, Equatorial Guinea, to make use of large quantities of residue natural gas currently being flared | CO ₂ | 2.0 | 3.2 |
| Alliant Energy | Other energy end-use projects/activities (electric) | CO ₂ | 1.7 | 2.7 |
| Santee Cooper | Cross Unit 2 retrofit | CO ₂ | 1.1 | 1.8 |
| Municipal Electric Authority of Georgia (MEAG Power) | Increase nuclear unit capacity | CO ₂ | 1.0 | 1.5 |
| Santee Cooper | Upgrade Summer Nuclear Station | CO ₂ | 0.9 | 1.4 |
| Allegheny Energy, Inc. | UtiliTree Rio Bravo Carbon Sequestration Project (Belize), 134,400 acres | CO ₂ | 0.9 | 1.4 |
| Tennessee Valley Authority | Heat rate improvement | CO ₂ | 0.8 | 1.3 |
| Tennessee Valley Authority | Other energy end-use projects/activities | CO ₂ | 0.8 | 1.2 |
| Consolidated Edison Company of New York, Inc. | Voluntary commitment under SF ₆ Reduction Program for Electric Power Systems to reduce emissions by 4% per year relative to 1996 baseline levels (beginning in 2000), with ultimate goal of 20% reduction from 1996 baseline by 2005 | SF ₆ | 0.7 | 1.2 |
| Lower Colorado River Authority | Coal combustion byproduct recycling | CO ₂ | 0.6 | 1.0 |
| New York Power Authority | Non-customer energy services programs | CO ₂ | 0.6 | 1.0 |
| BP America | Noel Kempff Climate Action Project | CO ₂ | 0.6 | 1.0 |
| Tennessee Valley Authority | Reconductoring | CO ₂ | 0.6 | 0.9 |
| Noranda Aluminum Inc. | Reduce PFC emissions through anode effect reduction program, in keeping with EPA goal of 30-60%; 90% reduction in emissions from lines 1 & 2 and 69% reduction from line 3 (all reductions from 1990 baseline) | C ₂ F ₆ | 0.6 | 0.9 |
| Lower Colorado River Authority | Residential and commercial DSM programs | CO ₂ | 0.5 | 0.9 |
| Total | | | 57.0 | 90.6 |

Source: Energy Information Administration, Form EIA-1605.

Table 35. Largest Reported Individual Entity-Level Financial Commitments To Reduce Greenhouse Gas Emissions, Data Year 2004

| Reporter | Industry | Financial Commitment (Dollars) | Voluntary Program Affiliation | Percent of Total Reported Financial Commitments |
|-----------------------------------|--------------------------------------|--------------------------------|---|---|
| Noranda Aluminum Inc. | Primary Metals Industries | 5,500,000 | Voluntary Aluminum Industrial Partnership | 28.7 |
| Ameren Corporation ^a | Electric, Gas, and Sanitary Services | 5,000,000 | Climate Challenge | 26.1 |
| Minnesota Power | Electric, Gas, and Sanitary Services | 2,000,000 | Climate Challenge | 10.4 |
| Kansas City Power & Light Company | Electric, Gas, and Sanitary Services | 2,000,000 | Climate Challenge | 10.4 |
| FirstEnergy Corporation | Electric, Gas, and Sanitary Services | 2,000,000 | Climate Challenge | 10.4 |
| Dynegy, Inc. | Electric, Gas, and Sanitary Services | 450,000 | Climate Challenge | 2.4 |
| FirstEnergy Corporation | Electric, Gas, and Sanitary Services | 400,000 | Climate Challenge | 2.1 |
| Bountiful City Light & Power | Electric, Gas, and Sanitary Services | 379,354 | Climate Challenge | 2.0 |
| Kansas City Power & Light Company | Electric, Gas, and Sanitary Services | 264,000 | Climate Challenge | 1.4 |
| NiSource/NIPSCO | Electric, Gas, and Sanitary Services | 200,000 | Climate Challenge | 1.0 |
| FirstEnergy Corporation | Electric, Gas, and Sanitary Services | 200,000 | Climate Challenge | 1.0 |
| TXU | Electric, Gas, and Sanitary Services | 155,000 | Climate Challenge | 0.8 |
| Dynegy, Inc. | Electric, Gas, and Sanitary Services | 105,000 | Climate Challenge | 0.5 |
| Constellation Energy | Electric, Gas, and Sanitary Services | 100,000 | Climate Challenge | 0.5 |
| Total | | 18,753,354 | | 98.0 |

^aFormerly UE, CIPS, and CILCO.

Source: Energy Information Administration, Form EIA-1605.

Table 36. Reported Entity-Level Financial Expenditures To Reduce Greenhouse Gas Emissions, Data Year 2004

| Reporter | Industry | 2004 Financial Expenditure (Dollars) | Voluntary Program Affiliation | Percent of Total Reported Financial Expenditures |
|-----------------------------------|--------------------------------------|--------------------------------------|---|--|
| Entergy Services, Inc. | Electric, Gas, and Sanitary Services | 2,000,000 | None | 65.2 |
| Ameren Corporation ^a | Electric, Gas, and Sanitary Services | 500,000 | Climate Challenge | 16.3 |
| Bountiful City Light & Power | Electric, Gas, and Sanitary Services | 238,159 | Climate Challenge | 7.8 |
| NiSource/NIPSCO | Electric, Gas, and Sanitary Services | 200,000 | Climate Challenge | 6.5 |
| Noranda Aluminum Inc. | Primary Metals Industries | 100,792 | Voluntary Aluminum Industrial Partnership | 3.3 |
| Kansas City Power & Light Company | Electric, Gas, and Sanitary Services | 10,000 | Climate Challenge | 0.3 |
| TXU | Electric, Gas, and Sanitary Services | 5,000 | Climate Challenge | 0.2 |
| NiSource/NIPSCO | Electric, Gas, and Sanitary Services | 5,000 | Climate Challenge | 0.2 |
| Xcel Energy | Electric, Gas, and Sanitary Services | 5,000 | Climate Challenge | 0.2 |
| Cleco Corporation | Electric, Gas, and Sanitary Services | 1,600 | None | 0.1 |
| Total | | 3,065,551 | | 100.0 |

^aFormerly UE, CIPS, and CILCO.

Source: Energy Information Administration, Form EIA-1605.