U.S. Energy Source by Sector and Source data

	Residential	Commercial	Industrial	Transportation
Distillate Fuel	0.95	0.56	1.14	5.37
Jet Fuel	0.00	0.00	0.00	3.34
Residual Fuel	0.00	0.13	0.21	0.78
Kerosene	0.11	0.02	0.00	
Petrochemical Feedstocks	0.00	0.00	1.28	0.00
Liquified Petroleum Gas	0.51	0.09	2.16	0.03
Motor Gasoline	0.00	0.05	0.16	17.53
Other Petroleum	0.00	0.00	3.96	
Natural Gas	5.32	3.20	7.76	0.70
Lease and Plant Fuel	0.00	0.00	1.02	0.00
Coal	0.01	0.10	2.11	0.00
Renewable Energy	0.41	0.10	1.72	0.00
Electricity	4.44	0.10	3.42	0.08
Electricity Related Losses	9.78	9.42	7.53	0.18
TOTAL	**21.54**	**17.94**	**32.47**	**28.24**

EXHIBIT 4
DATE 1.18.07
HB 216

U.S. Energy-Related Carbon Dioxide Emissions by End-Use Sector
(Million Metric Tons Carbon Dioxide)

	Residential	Commercial	Industrial	Transport
1990	954	781	1685	1570
1991	969	782	1641	1550
1992	971	783	1721	1571
1993	1031	809	1702	1600
1994	1024	823	1731	1632
1995	1031	841	1729	1661
1996	1090	872	1782	1705
1997	1082	916	1798	1723
1998	1089	934	1727	1758
1999	1112	947	1714	1806
2000	1172	1006	1733	1849
2001	1163	1021	1644	1827
2002	1189	1010	1686	1865
2003	1213	1017	1691	1871
2004	1211	1031	1729	1932
2005P	1250	1050	1672	1937

Source: Energy Information Administration, preliminary estimate for 2005.

www.eia.doe.gov
Energy Information Administration

Percentage Change In U.S. Energy-Related Carbon Dioxide Emissions By End-Use Sector

Energy Sector	Total Percentage Change	Annual Average Percentage Growth		
	1990 – 2005	1990 - 2005	2003 - 2004	2004 - 2005
Residential	31.0	1.8	-0.2	3.2
Commercial	34.5	2.0	1.3	1.9
Industrial	-0.8	-0.1	2.2	-3.3
Transportation	23.4	1.4	3.3	0.2
Total Energy	18.4	1.1	1.9	0.1

Source: Energy Information Administration, preliminary estimate for 2005.

www.eia.doe.gov
Energy Information Administration

Residential Sector

- In 2005, residential CO_2 emissions rose 3.2 percent
- While heating degree-days were essentially flat, cooling degree-days increased by over 13 percent – this moderated heating fuel demand but put upward pressure on air-conditioning requirements and the sector's electricity-related emissions rose by 4.9 percent
- Between 1990 and 2005, residential sector CO_2 emissions grew by 31.0 percent (1.8% per year)
  - This increase was driven by population growth of 19.2 percent (1.2% per year) and residential electricity demand growth of 42.2 percent (2.4% per year)