Annex 1B. Electricity Production – Imports (IPCC 1A1a)
to the Technical Support Document for California's Greenhouse Gas Emissions Inventory and the 1990 Emissions Level

Back to main document: http://www.arb.ca.gov/cc/inventory/doc/methods_v1/ghg_inventory_technical_support_document.pdf

Variables Used in the Emissions Estimation Equations

Values last updated on Monday, November 19, 2007

IPCC category =1A1ai — Fuel Combustion Activities - Energy Industries - Main Activity Electricity and Heat Production - Electricity Generation

► ***Sector = Imported Electricity : Specified Imports : PNW : Boardman (OR)***

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	167,737 ton	EIA, 2007e
Fuel combustion - Coal	1991	361,350 ton	EIA, 2007e
Fuel combustion - Coal	1992	393,538 ton	EIA, 2007e
Fuel combustion - Coal	1993	390,895 ton	EIA, 2007e
Fuel combustion - Coal	1994	460,488 ton	EIA, 2007e
Fuel combustion - Coal	1995	192,791 ton	EIA, 2007e
Fuel combustion - Coal	1996	206,039 ton	EIA, 2007e
Fuel combustion - Coal	1997	162,161 ton	EIA, 2007e
Fuel combustion - Coal	1998	402,004 ton	EIA, 2007e
Fuel combustion - Coal	1999	425,051 ton	EIA, 2007e
Fuel combustion - Coal	2000	442,210 ton	EIA, 2007e
Fuel combustion - Coal	2001	397,228 ton	EIA, 2007e
Fuel combustion - Coal	2002	343,658 ton	EIA, 2007e
Fuel combustion - Coal	2003	403,997 ton	EIA, 2007e
Fuel combustion - Coal	2004	331,210 ton	EIA, 2007e
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.097 g / btu	USEPA, 2007c

Fuel CO2 emission	2004	0.097 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	17,250,290 btu / ton	EIA, 2007e
Heat content	1991	17,250,290 btu / ton	EIA, 2007e
Heat content	1992	17,250,290 btu / ton	EIA, 2007e
Heat content	1993	17,250,290 btu / ton	EIA, 2007e
Heat content	1994	17,250,290 btu / ton	EIA, 2007e
Heat content	1995	17,250,290 btu / ton	EIA, 2007e
Heat content	1996	17,250,290 btu / ton	EIA, 2007e
Heat content	1997	17,250,290 btu / ton	EIA, 2007e
Heat content	1998	17,250,290 btu / ton	EIA, 2007e
Heat content	1999	17,250,290 btu / ton	EIA, 2007e
Heat content	2000	17,250,290 btu / ton	EIA, 2007e
Heat content	2001	17,412,077 btu / ton	EIA, 2007e
Heat content	2002	17,000,000 btu / ton	EIA, 2007e
Heat content	2003	17,126,938 btu / ton	EIA, 2007e
Heat content	2004	16,879,939 btu / ton	EIA, 2007e

Activity = Fuel combustion - Distillate

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Distillate	1990	84,271 gal	EIA, 2007e
Fuel combustion - Distillate	1991	152,825 gal	EIA, 2007e
Fuel combustion - Distillate	1992	77,109 gal	EIA, 2007e
Fuel combustion - Distillate	1993	84,536 gal	EIA, 2007e
Fuel combustion - Distillate	1994	81,966 gal	EIA, 2007e
Fuel combustion - Distillate	1995	71,389 gal	EIA, 2007e
Fuel combustion - Distillate	1996	54,105 gal	EIA, 2007e
Fuel combustion - Distillate	1997	166,361 gal	EIA, 2007e
Fuel combustion - Distillate	1998	164,223 gal	EIA, 2007e
Fuel combustion - Distillate	1999	105,525 gal	EIA, 2007e
Fuel combustion - Distillate	2000	89,999 gal	EIA, 2007e
Fuel combustion - Distillate	2001	36,824 gal	EIA, 2007e
Fuel combustion - Distillate	2002	83,830 gal	EIA, 2007e
Fuel combustion - Distillate	2003	190,075 gal	EIA, 2007e
Fuel combustion - Distillate	2004	87,696 gal	EIA, 2007e
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b

Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,690 btu / gal	EIA, 2007e
Heat content	1991	138,690 btu / gal	EIA, 2007e
Heat content	1992	138,690 btu / gal	EIA, 2007e
Heat content	1993	138,690 btu / gal	EIA, 2007e
Heat content	1994	138,690 btu / gal	EIA, 2007e
Heat content	1995	138,690 btu / gal	EIA, 2007e
Heat content	1996	138,690 btu / gal	EIA, 2007e
Heat content	1997	138,690 btu / gal	EIA, 2007e
Heat content	1998	138,690 btu / gal	EIA, 2007e
Heat content	1999	138,690 btu / gal	EIA, 2007e
Heat content	2000	138,690 btu / gal	EIA, 2007e
Heat content	2001	138,994 btu / gal	EIA, 2007e
Heat content	2002	138,097 btu / gal	EIA, 2007e
Heat content	2003	138,095 btu / gal	EIA, 2007e
Heat content	2004	138,096 btu / gal	EIA, 2007e

► ***Sector = Imported Electricity : Specified Imports : PNW : Colstrip (MT)***

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	551,533 ton	Parsons, 2007
Fuel combustion - Coal	1991	564,593 ton	Parsons, 2007
Fuel combustion - Coal	1992	601,118 ton	Parsons, 2007
Fuel combustion - Coal	1993	530,015 ton	Parsons, 2007
Fuel combustion - Coal	1994	583,437 ton	Parsons, 2007
Fuel combustion - Coal	1995	593,724 ton	Parsons, 2007
Fuel combustion - Coal	1996	421,947 ton	Parsons, 2007
Fuel combustion - Coal	1997	380,249 ton	Parsons, 2007
Fuel combustion - Coal	1998	567,035 ton	Parsons, 2007
Fuel combustion - Coal	1999	267,542 ton	Parsons, 2007
Fuel combustion - Coal	2000	0 ton	Not applicable
Fuel combustion - Coal	2001	0 ton	Not applicable
Fuel combustion - Coal	2002	0 ton	Not applicable
Fuel combustion - Coal	2003	0 ton	Not applicable
Fuel combustion - Coal	2004	0 ton	Not applicable
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.097 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b

Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	17,219,358 btu / ton	Parsons, 2007
Heat content	1991	17,047,322 btu / ton	Parsons, 2007
Heat content	1992	17,122,388 btu / ton	Parsons, 2007
Heat content	1993	17,000,267 btu / ton	Parsons, 2007
Heat content	1994	16,961,159 btu / ton	Parsons, 2007
Heat content	1995	16,929,693 btu / ton	Parsons, 2007
Heat content	1996	16,985,781 btu / ton	Parsons, 2007
Heat content	1997	17,070,127 btu / ton	Parsons, 2007
Heat content	1998	16,997,778 btu / ton	Parsons, 2007
Heat content	1999	16,879,401 btu / ton	Parsons, 2007
Heat content	2000	16,879,401 btu / ton	Assume equal to 1999
Heat content	2001	16,879,401 btu / ton	Assume equal to 1999
Heat content	2002	16,879,401 btu / ton	Assume equal to 1999
Heat content	2003	16,879,401 btu / ton	Assume equal to 1999
Heat content	2004	16,879,401 btu / ton	Assume equal to 1999

Activity = Fuel combustion - Distillate

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Distillate	1990	98,802 gal	Parsons, 2007
Fuel combustion - Distillate	1991	83,033 gal	Parsons, 2007
Fuel combustion - Distillate	1992	46,968 gal	Parsons, 2007
Fuel combustion - Distillate	1993	68,765 gal	Parsons, 2007
Fuel combustion - Distillate	1994	66,405 gal	Parsons, 2007
Fuel combustion - Distillate	1995	165,842 gal	Parsons, 2007
Fuel combustion - Distillate	1996	129,476 gal	Parsons, 2007
Fuel combustion - Distillate	1997	62,493 gal	Parsons, 2007
Fuel combustion - Distillate	1998	42,083 gal	Parsons, 2007
Fuel combustion - Distillate	1999	16,254 gal	Parsons, 2007
Fuel combustion - Distillate	2000	0 gal	Not applicable
Fuel combustion - Distillate	2001	0 gal	Not applicable
Fuel combustion - Distillate	2002	0 gal	Not applicable
Fuel combustion - Distillate	2003	0 gal	Not applicable
Fuel combustion - Distillate	2004	0 gal	Not applicable
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b

Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	136,865 btu / gal	Parsons, 2007
Heat content	1991	136,865 btu / gal	Parsons, 2007
Heat content	1992	136,865 btu / gal	Parsons, 2007
Heat content	1993	141,000 btu / gal	Parsons, 2007
Heat content	1994	141,000 btu / gal	Parsons, 2007
Heat content	1995	141,000 btu / gal	Parsons, 2007
Heat content	1996	141,000 btu / gal	Parsons, 2007
Heat content	1997	141,000 btu / gal	Parsons, 2007
Heat content	1998	141,000 btu / gal	Parsons, 2007
Heat content	1999	141,000 btu / gal	Parsons, 2007
Heat content	2000	141,000 btu / gal	Parsons, 2007
Heat content	2001	141,000 btu / gal	Parsons, 2007
Heat content	2002	141,000 btu / gal	Parsons, 2007
Heat content	2003	141,000 btu / gal	Parsons, 2007
Heat content	2004	141,000 btu / gal	Parsons, 2007

► *Sector = Imported Electricity : Specified Imports : PSW : Bonanza (UT)*

Activity = Fuel combustion - Coal

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Coal	1990	266,404 ton	EIA, 2007e
Fuel combustion - Coal	1991	276,096 ton	EIA, 2007e
Fuel combustion - Coal	1992	276,929 ton	EIA, 2007e
Fuel combustion - Coal	1993	229,522 ton	EIA, 2007e
Fuel combustion - Coal	1994	209,422 ton	EIA, 2007e
Fuel combustion - Coal	1995	198,478 ton	EIA, 2007e

Fuel combustion - Coal	1996	194,528 ton	EIA, 2007e
Fuel combustion - Coal	1997	120,900 ton	EIA, 2007e
Fuel combustion - Coal	1998	0 ton	Not applicable
Fuel combustion - Coal	1999	0 ton	Not applicable
Fuel combustion - Coal	2000	0 ton	Not applicable
Fuel combustion - Coal	2001	0 ton	Not applicable
Fuel combustion - Coal	2002	0 ton	Not applicable
Fuel combustion - Coal	2003	0 ton	Not applicable
Fuel combustion - Coal	2004	0 ton	Not applicable
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0934 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	24,930,419 btu / ton	EIA, 2007e

Heat content	1991	24,930,419 btu / ton	EIA, 2007e
Heat content	1992	24,930,419 btu / ton	EIA, 2007e
Heat content	1993	24,930,419 btu / ton	EIA, 2007e
Heat content	1994	24,930,419 btu / ton	EIA, 2007e
Heat content	1995	24,930,419 btu / ton	EIA, 2007e
Heat content	1996	24,930,419 btu / ton	EIA, 2007e
Heat content	1997	24,930,419 btu / ton	EIA, 2007e
Heat content	1998	24,930,419 btu / ton	EIA, 2007e
Heat content	1999	24,930,419 btu / ton	EIA, 2007e
Heat content	2000	24,930,419 btu / ton	EIA, 2007e
Heat content	2001	24,930,419 btu / ton	EIA, 2007e
Heat content	2002	24,930,419 btu / ton	EIA, 2007e
Heat content	2003	24,930,419 btu / ton	EIA, 2007e
Heat content	2004	24,930,419 btu / ton	EIA, 2007e

Activity = Fuel combustion - Distillate

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Distillate	1990	44,301 gal	EIA, 2007e
Fuel combustion - Distillate	1991	37,132 gal	EIA, 2007e
Fuel combustion - Distillate	1992	21,548 gal	EIA, 2007e
Fuel combustion - Distillate	1993	21,079 gal	EIA, 2007e
Fuel combustion - Distillate	1994	15,912 gal	EIA, 2007e
Fuel combustion - Distillate	1995	57,448 gal	EIA, 2007e
Fuel combustion - Distillate	1996	18,228 gal	EIA, 2007e
Fuel combustion - Distillate	1997	12,842 gal	EIA, 2007e
Fuel combustion - Distillate	1998	0 gal	Not applicable
Fuel combustion - Distillate	1999	0 gal	Not applicable
Fuel combustion - Distillate	2000	0 gal	Not applicable
Fuel combustion - Distillate	2001	0 gal	Not applicable
Fuel combustion - Distillate	2002	0 gal	Not applicable
Fuel combustion - Distillate	2003	0 gal	Not applicable
Fuel combustion - Distillate	2004	0 gal	Not applicable
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c

Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,690 btu / gal	EIA, 2007e
Heat content	1991	138,690 btu / gal	EIA, 2007e
Heat content	1992	138,690 btu / gal	EIA, 2007e
Heat content	1993	138,690 btu / gal	EIA, 2007e
Heat content	1994	138,690 btu / gal	EIA, 2007e
Heat content	1995	138,690 btu / gal	EIA, 2007e
Heat content	1996	138,690 btu / gal	EIA, 2007e
Heat content	1997	138,690 btu / gal	EIA, 2007e
Heat content	1998	138,690 btu / gal	EIA, 2007e
Heat content	1999	138,690 btu / gal	EIA, 2007e
Heat content	2000	138,690 btu / gal	EIA, 2007e
Heat content	2001	138,690 btu / gal	EIA, 2007e
Heat content	2002	138,690 btu / gal	EIA, 2007e
Heat content	2003	138,690 btu / gal	EIA, 2007e
Heat content	2004	138,690 btu / gal	EIA, 2007e

► *Sector = Imported Electricity : Specified Imports : PSW : Four Corners (NM)*

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	2,991,400 ton	EIA, 2007e
Fuel combustion - Coal	1991	2,580,190 ton	EIA, 2007e
Fuel combustion - Coal	1992	3,090,671 ton	EIA, 2007e
Fuel combustion - Coal	1993	2,944,647 ton	EIA, 2007e
Fuel combustion - Coal	1994	2,910,830 ton	EIA, 2007e
Fuel combustion - Coal	1995	2,929,638 ton	EIA, 2007e
Fuel combustion - Coal	1996	2,645,784 ton	EIA, 2007e
Fuel combustion - Coal	1997	2,714,842 ton	EIA, 2007e
Fuel combustion - Coal	1998	2,871,555 ton	EIA, 2007e
Fuel combustion - Coal	1999	2,997,840 ton	EIA, 2007e
Fuel combustion - Coal	2000	2,895,007 ton	EIA, 2007e
Fuel combustion - Coal	2001	3,030,704 ton	EIA, 2007e
Fuel combustion - Coal	2002	2,663,003 ton	EIA, 2007e
Fuel combustion - Coal	2003	3,232,962 ton	EIA, 2007e
Fuel combustion - Coal	2004	3,086,103 ton	EIA, 2007e

Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.097 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	17,250,290 btu / ton	EIA, 2007e
Heat content	1991	17,250,290 btu / ton	EIA, 2007e
Heat content	1992	17,250,290 btu / ton	EIA, 2007e
Heat content	1993	17,250,290 btu / ton	EIA, 2007e
Heat content	1994	17,250,290 btu / ton	EIA, 2007e
Heat content	1995	17,250,290 btu / ton	EIA, 2007e
Heat content	1996	17,250,290 btu / ton	EIA, 2007e
Heat content	1997	17,250,290 btu / ton	EIA, 2007e
Heat content	1998	17,250,290 btu / ton	EIA, 2007e
Heat content	1999	17,250,290 btu / ton	EIA, 2007e
Heat content	2000	17,250,290 btu / ton	EIA, 2007e

Heat content	2001	18,060,853 btu / ton	EIA, 2007e
Heat content	2002	17,746,761 btu / ton	EIA, 2007e
Heat content	2003	17,672,325 btu / ton	EIA, 2007e
Heat content	2004	17,838,308 btu / ton	EIA, 2007e

Activity = Fuel combustion - Natural gas

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Natural gas	1990	259,419,619 scf	EIA, 2007e
Fuel combustion - Natural gas	1991	308,489,755 scf	EIA, 2007e
Fuel combustion - Natural gas	1992	168,774,634 scf	EIA, 2007e
Fuel combustion - Natural gas	1993	173,203,212 scf	EIA, 2007e
Fuel combustion - Natural gas	1994	171,370,315 scf	EIA, 2007e
Fuel combustion - Natural gas	1995	167,223,109 scf	EIA, 2007e
Fuel combustion - Natural gas	1996	191,441,158 scf	EIA, 2007e
Fuel combustion - Natural gas	1997	364,264,708 scf	EIA, 2007e
Fuel combustion - Natural gas	1998	427,307,222 scf	EIA, 2007e
Fuel combustion - Natural gas	1999	192,883,665 scf	EIA, 2007e
Fuel combustion - Natural gas	2000	196,244,206 scf	EIA, 2007e
Fuel combustion - Natural gas	2001	195,616,215 scf	EIA, 2007e
Fuel combustion - Natural gas	2002	236,384,524 scf	EIA, 2007e
Fuel combustion - Natural gas	2003	178,895,173 scf	EIA, 2007e
Fuel combustion - Natural gas	2004	154,391,864 scf	EIA, 2007e
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0529 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.000E-07 g / btu	IPCC_2006b

Fuel N2O emission	1994	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.000E-07 g / btu	IPCC_2006b
Heat content	1990	1,027 btu / scf	EIA, 2007e
Heat content	1991	1,027 btu / scf	EIA, 2007e
Heat content	1992	1,027 btu / scf	EIA, 2007e
Heat content	1993	1,027 btu / scf	EIA, 2007e
Heat content	1994	1,027 btu / scf	EIA, 2007e
Heat content	1995	1,027 btu / scf	EIA, 2007e
Heat content	1996	1,027 btu / scf	EIA, 2007e
Heat content	1997	1,027 btu / scf	EIA, 2007e
Heat content	1998	1,027 btu / scf	EIA, 2007e
Heat content	1999	1,027 btu / scf	EIA, 2007e
Heat content	2000	1,027 btu / scf	EIA, 2007e
Heat content	2001	1,011 btu / scf	EIA, 2007e
Heat content	2002	1,006 btu / scf	EIA, 2007e
Heat content	2003	1,010 btu / scf	EIA, 2007e
Heat content	2004	1,002 btu / scf	EIA, 2007e

► *Sector = Imported Electricity : Specified Imports : PSW : Intermountain (UT)*

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	4,976,500 ton	Parsons, 2007
Fuel combustion - Coal	1991	4,145,900 ton	Parsons, 2007
Fuel combustion - Coal	1992	4,928,500 ton	Parsons, 2007
Fuel combustion - Coal	1993	4,878,400 ton	Parsons, 2007
Fuel combustion - Coal	1994	4,914,100 ton	Parsons, 2007
Fuel combustion - Coal	1995	4,248,700 ton	Parsons, 2007
Fuel combustion - Coal	1996	4,310,400 ton	Parsons, 2007
Fuel combustion - Coal	1997	5,158,600 ton	Parsons, 2007
Fuel combustion - Coal	1998	5,273,500 ton	Parsons, 2007
Fuel combustion - Coal	1999	5,239,731 ton	Parsons, 2007
Fuel combustion - Coal	2000	5,261,890 ton	Parsons, 2007
Fuel combustion - Coal	2001	5,216,208 ton	Parsons, 2007
Fuel combustion - Coal	2002	5,271,908 ton	Parsons, 2007
Fuel combustion - Coal	2003	5,497,010 ton	Parsons, 2007
Fuel combustion - Coal	2004	5,974,652 ton	Parsons, 2007
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b

Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0934 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	23,885,666 btu / ton	Parsons, 2007
Heat content	1991	23,805,862 btu / ton	Parsons, 2007
Heat content	1992	23,819,545 btu / ton	Parsons, 2007
Heat content	1993	23,703,431 btu / ton	Parsons, 2007
Heat content	1994	23,843,751 btu / ton	Parsons, 2007
Heat content	1995	23,609,619 btu / ton	Parsons, 2007
Heat content	1996	23,719,457 btu / ton	Parsons, 2007
Heat content	1997	23,578,765 btu / ton	Parsons, 2007
Heat content	1998	23,645,596 btu / ton	Parsons, 2007
Heat content	1999	23,715,513 btu / ton	Parsons, 2007
Heat content	2000	23,770,004 btu / ton	Parsons, 2007
Heat content	2001	23,824,916 btu / ton	Parsons, 2007
Heat content	2002	23,470,666 btu / ton	Parsons, 2007
Heat content	2003	23,379,724 btu / ton	Parsons, 2007
Heat content	2004	22,969,011 btu / ton	Parsons, 2007

Activity = Fuel combustion - Distillate

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Distillate	1990	1,596,000 gal	Parsons, 2007
Fuel combustion - Distillate	1991	1,524,600 gal	Parsons, 2007
Fuel combustion - Distillate	1992	886,200 gal	Parsons, 2007

Fuel combustion - Distillate	1993	882,000 gal	Parsons, 2007
Fuel combustion - Distillate	1994	718,200 gal	Parsons, 2007
Fuel combustion - Distillate	1995	966,000 gal	Parsons, 2007
Fuel combustion - Distillate	1996	840,000 gal	Parsons, 2007
Fuel combustion - Distillate	1997	630,000 gal	Parsons, 2007
Fuel combustion - Distillate	1998	592,200 gal	Parsons, 2007
Fuel combustion - Distillate	1999	495,102 gal	Parsons, 2007
Fuel combustion - Distillate	2000	502,547 gal	Parsons, 2007
Fuel combustion - Distillate	2001	484,023 gal	Parsons, 2007
Fuel combustion - Distillate	2002	440,952 gal	Parsons, 2007
Fuel combustion - Distillate	2003	528,856 gal	Parsons, 2007
Fuel combustion - Distillate	2004	410,692 gal	Parsons, 2007
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b

Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	137,584 btu / gal	Parsons, 2007
Heat content	1991	138,697 btu / gal	Parsons, 2007
Heat content	1992	138,946 btu / gal	Parsons, 2007
Heat content	1993	137,811 btu / gal	Parsons, 2007
Heat content	1994	137,528 btu / gal	Parsons, 2007
Heat content	1995	69,413 btu / gal	Parsons, 2007
Heat content	1996	136,701 btu / gal	Parsons, 2007
Heat content	1997	136,000 btu / gal	Parsons, 2007
Heat content	1998	137,273 btu / gal	Parsons, 2007
Heat content	1999	137,508 btu / gal	Parsons, 2007
Heat content	2000	136,757 btu / gal	Parsons, 2007
Heat content	2001	138,001 btu / gal	Parsons, 2007
Heat content	2002	139,525 btu / gal	Parsons, 2007
Heat content	2003	138,613 btu / gal	Parsons, 2007
Heat content	2004	138,306 btu / gal	Parsons, 2007

► *Sector = Imported Electricity : Specified Imports : PSW : Mohave (NV)*

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	3,221,502 ton	Parsons, 2007
Fuel combustion - Coal	1991	3,761,245 ton	Parsons, 2007
Fuel combustion - Coal	1992	3,792,656 ton	Parsons, 2007
Fuel combustion - Coal	1993	3,472,828 ton	Parsons, 2007
Fuel combustion - Coal	1994	3,491,680 ton	Parsons, 2007
Fuel combustion - Coal	1995	3,594,168 ton	Parsons, 2007
Fuel combustion - Coal	1996	3,518,052 ton	Parsons, 2007
Fuel combustion - Coal	1997	3,443,000 ton	Parsons, 2007
Fuel combustion - Coal	1998	3,412,671 ton	Parsons, 2007
Fuel combustion - Coal	1999	3,403,776 ton	Parsons, 2007
Fuel combustion - Coal	2000	3,718,008 ton	Parsons, 2007
Fuel combustion - Coal	2001	3,541,374 ton	Parsons, 2007
Fuel combustion - Coal	2002	3,091,960 ton	Parsons, 2007
Fuel combustion - Coal	2003	2,957,974 ton	Parsons, 2007
Fuel combustion - Coal	2004	3,097,070 ton	Parsons, 2007
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0934 g / btu	USEPA, 2007c

Fuel CO2 emission	1995	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0934 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	21,917,986 btu / ton	Parsons, 2007
Heat content	1991	21,903,207 btu / ton	Parsons, 2007
Heat content	1992	21,879,444 btu / ton	Parsons, 2007
Heat content	1993	21,893,612 btu / ton	Parsons, 2007
Heat content	1994	21,894,926 btu / ton	Parsons, 2007
Heat content	1995	21,865,437 btu / ton	Parsons, 2007
Heat content	1996	21,829,645 btu / ton	Parsons, 2007
Heat content	1997	21,870,298 btu / ton	Parsons, 2007
Heat content	1998	21,796,882 btu / ton	Parsons, 2007
Heat content	1999	21,942,094 btu / ton	Parsons, 2007
Heat content	2000	21,936,375 btu / ton	Parsons, 2007
Heat content	2001	21,926,519 btu / ton	Parsons, 2007
Heat content	2002	21,919,528 btu / ton	Parsons, 2007
Heat content	2003	21,892,726 btu / ton	Parsons, 2007
Heat content	2004	21,951,113 btu / ton	Parsons, 2007

Activity = Fuel combustion - Natural gas

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Natural gas	1990	1,541,860,414 scf	Parsons, 2007
Fuel combustion - Natural gas	1991	1,519,131,415 scf	Parsons, 2007
Fuel combustion - Natural gas	1992	1,632,790,449 scf	Parsons, 2007
Fuel combustion - Natural gas	1993	1,865,693,084 scf	Parsons, 2007
Fuel combustion - Natural gas	1994	1,705,238,350 scf	Parsons, 2007
Fuel combustion - Natural gas	1995	1,344,609,737 scf	Parsons, 2007
Fuel combustion - Natural gas	1996	611,428,662 scf	Parsons, 2007
Fuel combustion - Natural gas	1997	449,819,352 scf	Parsons, 2007
Fuel combustion - Natural gas	1998	354,625,481 scf	Parsons, 2007
Fuel combustion - Natural gas	1999	451,856,309 scf	Parsons, 2007
Fuel combustion - Natural gas	2000	506,634,206 scf	Parsons, 2007
Fuel combustion - Natural gas	2001	222,552,396 scf	Parsons, 2007
Fuel combustion - Natural gas	2002	118,202,823 scf	Parsons, 2007

Fuel combustion - Natural gas	2003	156,912,179 scf	Parsons, 2007
Fuel combustion - Natural gas	2004	115,811,196 scf	Parsons, 2007
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.053 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.000E-07 g / btu	IPCC_2006b
Heat content	1990	1,033 btu / scf	Parsons, 2007
Heat content	1991	1,021 btu / scf	Parsons, 2007
Heat content	1992	1,025 btu / scf	Parsons, 2007
Heat content	1993	1,025 btu / scf	Parsons, 2007
Heat content	1994	1,025 btu / scf	Parsons, 2007
Heat content	1995	1,027 btu / scf	Parsons, 2007
Heat content	1996	1,020 btu / scf	Parsons, 2007
Heat content	1997	1,026 btu / scf	Parsons, 2007

Heat content	1998	1,025 btu / scf	Parsons, 2007
Heat content	1999	1,030 btu / scf	Parsons, 2007
Heat content	2000	1,021 btu / scf	Parsons, 2007
Heat content	2001	1,025 btu / scf	Parsons, 2007
Heat content	2002	1,028 btu / scf	Parsons, 2007
Heat content	2003	1,035 btu / scf	Parsons, 2007
Heat content	2004	1,030 btu / scf	Parsons, 2007

► *Sector = Imported Electricity : Specified Imports : PSW : Navajo (AZ)*

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	1,570,648 ton	Parsons, 2007
Fuel combustion - Coal	1991	1,610,915 ton	Parsons, 2007
Fuel combustion - Coal	1992	1,650,857 ton	Parsons, 2007
Fuel combustion - Coal	1993	1,576,242 ton	Parsons, 2007
Fuel combustion - Coal	1994	1,570,558 ton	Parsons, 2007
Fuel combustion - Coal	1995	1,192,461 ton	Parsons, 2007
Fuel combustion - Coal	1996	1,144,770 ton	Parsons, 2007
Fuel combustion - Coal	1997	1,342,120 ton	Parsons, 2007
Fuel combustion - Coal	1998	1,575,896 ton	Parsons, 2007
Fuel combustion - Coal	1999	1,635,406 ton	Parsons, 2007
Fuel combustion - Coal	2000	1,776,723 ton	Parsons, 2007
Fuel combustion - Coal	2001	1,721,250 ton	Parsons, 2007
Fuel combustion - Coal	2002	1,787,038 ton	Parsons, 2007
Fuel combustion - Coal	2003	1,645,044 ton	Parsons, 2007
Fuel combustion - Coal	2004	1,727,519 ton	Parsons, 2007
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0934 g / btu	USEPA, 2007c

Fuel CO2 emission	2004	0.0934 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	22,039,677 btu / ton	Parsons, 2007
Heat content	1991	22,021,273 btu / ton	Parsons, 2007
Heat content	1992	22,010,418 btu / ton	Parsons, 2007
Heat content	1993	22,016,574 btu / ton	Parsons, 2007
Heat content	1994	22,044,735 btu / ton	Parsons, 2007
Heat content	1995	22,040,204 btu / ton	Parsons, 2007
Heat content	1996	21,927,886 btu / ton	Parsons, 2007
Heat content	1997	21,901,114 btu / ton	Parsons, 2007
Heat content	1998	21,983,089 btu / ton	Parsons, 2007
Heat content	1999	21,882,065 btu / ton	Parsons, 2007
Heat content	2000	21,855,263 btu / ton	Parsons, 2007
Heat content	2001	21,839,865 btu / ton	Parsons, 2007
Heat content	2002	21,847,083 btu / ton	Parsons, 2007
Heat content	2003	21,726,665 btu / ton	Parsons, 2007
Heat content	2004	21,796,854 btu / ton	Parsons, 2007

Activity = Fuel combustion - Distillate

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Distillate	1990	558,910 gal	Parsons, 2007
Fuel combustion - Distillate	1991	467,115 gal	Parsons, 2007
Fuel combustion - Distillate	1992	375,827 gal	Parsons, 2007
Fuel combustion - Distillate	1993	300,468 gal	Parsons, 2007
Fuel combustion - Distillate	1994	251,230 gal	Parsons, 2007
Fuel combustion - Distillate	1995	195,266 gal	Parsons, 2007
Fuel combustion - Distillate	1996	252,234 gal	Parsons, 2007
Fuel combustion - Distillate	1997	360,787 gal	Parsons, 2007
Fuel combustion - Distillate	1998	311,743 gal	Parsons, 2007
Fuel combustion - Distillate	1999	269,573 gal	Parsons, 2007
Fuel combustion - Distillate	2000	342,457 gal	Parsons, 2007
Fuel combustion - Distillate	2001	296,329 gal	Parsons, 2007
Fuel combustion - Distillate	2002	307,877 gal	Parsons, 2007
Fuel combustion - Distillate	2003	388,731 gal	Parsons, 2007
Fuel combustion - Distillate	2004	234,209 gal	Parsons, 2007
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b

Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,225 btu / gal	Parsons, 2007
Heat content	1991	138,048 btu / gal	Parsons, 2007
Heat content	1992	139,803 btu / gal	Parsons, 2007
Heat content	1993	142,072 btu / gal	Parsons, 2007
Heat content	1994	142,093 btu / gal	Parsons, 2007
Heat content	1995	141,811 btu / gal	Parsons, 2007
Heat content	1996	139,467 btu / gal	Parsons, 2007
Heat content	1997	138,752 btu / gal	Parsons, 2007
Heat content	1998	138,927 btu / gal	Parsons, 2007
Heat content	1999	139,126 btu / gal	Parsons, 2007
Heat content	2000	139,071 btu / gal	Parsons, 2007
Heat content	2001	138,142 btu / gal	Parsons, 2007
Heat content	2002	139,012 btu / gal	Parsons, 2007
Heat content	2003	138,959 btu / gal	Parsons, 2007
Heat content	2004	139,007 btu / gal	Parsons, 2007

► ***Sector = Imported Electricity : Specified Imports : PSW : Reid Gardner (NV)***

Activity = Fuel combustion - Coal

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Coal	1990	476,559 ton	EIA, 2007e
Fuel combustion - Coal	1991	492,099 ton	EIA, 2007e
Fuel combustion - Coal	1992	393,613 ton	EIA, 2007e
Fuel combustion - Coal	1993	450,191 ton	EIA, 2007e
Fuel combustion - Coal	1994	472,363 ton	EIA, 2007e
Fuel combustion - Coal	1995	412,355 ton	EIA, 2007e
Fuel combustion - Coal	1996	485,700 ton	EIA, 2007e
Fuel combustion - Coal	1997	425,013 ton	EIA, 2007e
Fuel combustion - Coal	1998	547,131 ton	EIA, 2007e
Fuel combustion - Coal	1999	508,706 ton	EIA, 2007e
Fuel combustion - Coal	2000	587,330 ton	EIA, 2007e
Fuel combustion - Coal	2001	523,957 ton	EIA, 2007e
Fuel combustion - Coal	2002	558,438 ton	EIA, 2007e
Fuel combustion - Coal	2003	536,698 ton	EIA, 2007e
Fuel combustion - Coal	2004	537,086 ton	EIA, 2007e
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0934 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0934 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b

Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	24,930,419 btu / ton	EIA, 2007e
Heat content	1991	24,930,419 btu / ton	EIA, 2007e
Heat content	1992	24,930,419 btu / ton	EIA, 2007e
Heat content	1993	24,930,419 btu / ton	EIA, 2007e
Heat content	1994	24,930,419 btu / ton	EIA, 2007e
Heat content	1995	24,930,419 btu / ton	EIA, 2007e
Heat content	1996	24,930,419 btu / ton	EIA, 2007e
Heat content	1997	24,930,419 btu / ton	EIA, 2007e
Heat content	1998	24,930,419 btu / ton	EIA, 2007e
Heat content	1999	24,930,419 btu / ton	EIA, 2007e
Heat content	2000	24,930,419 btu / ton	EIA, 2007e
Heat content	2001	23,689,367 btu / ton	EIA, 2007e
Heat content	2002	24,000,000 btu / ton	EIA, 2007e
Heat content	2003	24,000,000 btu / ton	EIA, 2007e
Heat content	2004	24,000,000 btu / ton	EIA, 2007e

Activity = Fuel combustion - Distillate

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Distillate	1990	122,741 gal	EIA, 2007e
Fuel combustion - Distillate	1991	209,814 gal	EIA, 2007e
Fuel combustion - Distillate	1992	431,829 gal	EIA, 2007e
Fuel combustion - Distillate	1993	162,510 gal	EIA, 2007e
Fuel combustion - Distillate	1994	154,912 gal	EIA, 2007e
Fuel combustion - Distillate	1995	178,417 gal	EIA, 2007e
Fuel combustion - Distillate	1996	190,556 gal	EIA, 2007e
Fuel combustion - Distillate	1997	345,456 gal	EIA, 2007e
Fuel combustion - Distillate	1998	248,441 gal	EIA, 2007e
Fuel combustion - Distillate	1999	210,796 gal	EIA, 2007e
Fuel combustion - Distillate	2000	246,379 gal	EIA, 2007e
Fuel combustion - Distillate	2001	216,085 gal	EIA, 2007e
Fuel combustion - Distillate	2002	350,069 gal	EIA, 2007e
Fuel combustion - Distillate	2003	257,705 gal	EIA, 2007e
Fuel combustion - Distillate	2004	175,604 gal	EIA, 2007e
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b

Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,690 btu / gal	EIA, 2007e
Heat content	1991	138,690 btu / gal	EIA, 2007e
Heat content	1992	138,690 btu / gal	EIA, 2007e
Heat content	1993	138,690 btu / gal	EIA, 2007e
Heat content	1994	138,690 btu / gal	EIA, 2007e
Heat content	1995	138,690 btu / gal	EIA, 2007e
Heat content	1996	138,690 btu / gal	EIA, 2007e
Heat content	1997	138,690 btu / gal	EIA, 2007e
Heat content	1998	138,690 btu / gal	EIA, 2007e
Heat content	1999	138,690 btu / gal	EIA, 2007e
Heat content	2000	138,690 btu / gal	EIA, 2007e
Heat content	2001	139,108 btu / gal	EIA, 2007e
Heat content	2002	138,093 btu / gal	EIA, 2007e
Heat content	2003	138,095 btu / gal	EIA, 2007e
Heat content	2004	138,099 btu / gal	EIA, 2007e

► *Sector = Imported Electricity : Specified Imports : PSW : San Juan (NM)*

Activity = Fuel combustion - Coal

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Coal	1990	242,224 ton	EIA, 2007e
Fuel combustion - Coal	1991	195,177 ton	EIA, 2007e
Fuel combustion - Coal	1992	217,197 ton	EIA, 2007e
Fuel combustion - Coal	1993	240,397 ton	EIA, 2007e
Fuel combustion - Coal	1994	260,788 ton	EIA, 2007e
Fuel combustion - Coal	1995	252,609 ton	EIA, 2007e

Fuel combustion - Coal	1996	287,440 ton	EIA, 2007e
Fuel combustion - Coal	1997	299,430 ton	EIA, 2007e
Fuel combustion - Coal	1998	296,174 ton	EIA, 2007e
Fuel combustion - Coal	1999	289,215 ton	EIA, 2007e
Fuel combustion - Coal	2000	307,828 ton	EIA, 2007e
Fuel combustion - Coal	2001	1,591,754 ton	EIA, 2007e
Fuel combustion - Coal	2002	1,642,068 ton	EIA, 2007e
Fuel combustion - Coal	2003	1,551,699 ton	EIA, 2007e
Fuel combustion - Coal	2004	1,685,798 ton	EIA, 2007e
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.097 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.097 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.500E-06 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.500E-06 g / btu	IPCC_2006b
Heat content	1990	17,250,290 btu / ton	EIA, 2007e

Heat content	1991	17,250,290 btu / ton	EIA, 2007e
Heat content	1992	17,250,290 btu / ton	EIA, 2007e
Heat content	1993	17,250,290 btu / ton	EIA, 2007e
Heat content	1994	17,250,290 btu / ton	EIA, 2007e
Heat content	1995	17,250,290 btu / ton	EIA, 2007e
Heat content	1996	17,250,290 btu / ton	EIA, 2007e
Heat content	1997	17,250,290 btu / ton	EIA, 2007e
Heat content	1998	17,250,290 btu / ton	EIA, 2007e
Heat content	1999	17,250,290 btu / ton	EIA, 2007e
Heat content	2000	17,250,290 btu / ton	EIA, 2007e
Heat content	2001	19,084,966 btu / ton	EIA, 2007e
Heat content	2002	19,503,058 btu / ton	EIA, 2007e
Heat content	2003	19,290,017 btu / ton	EIA, 2007e
Heat content	2004	19,174,792 btu / ton	EIA, 2007e

Activity = Fuel combustion - Distillate

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Distillate	1990	63,338 gal	EIA, 2007e
Fuel combustion - Distillate	1991	102,940 gal	EIA, 2007e
Fuel combustion - Distillate	1992	128,530 gal	EIA, 2007e
Fuel combustion - Distillate	1993	126,850 gal	EIA, 2007e
Fuel combustion - Distillate	1994	81,664 gal	EIA, 2007e
Fuel combustion - Distillate	1995	74,676 gal	EIA, 2007e
Fuel combustion - Distillate	1996	74,982 gal	EIA, 2007e
Fuel combustion - Distillate	1997	71,540 gal	EIA, 2007e
Fuel combustion - Distillate	1998	79,321 gal	EIA, 2007e
Fuel combustion - Distillate	1999	125,862 gal	EIA, 2007e
Fuel combustion - Distillate	2000	87,488 gal	EIA, 2007e
Fuel combustion - Distillate	2001	515,487 gal	EIA, 2007e
Fuel combustion - Distillate	2002	519,482 gal	EIA, 2007e
Fuel combustion - Distillate	2003	834,219 gal	EIA, 2007e
Fuel combustion - Distillate	2004	503,865 gal	EIA, 2007e
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c

Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,690 btu / gal	EIA, 2007e
Heat content	1991	138,690 btu / gal	EIA, 2007e
Heat content	1992	138,690 btu / gal	EIA, 2007e
Heat content	1993	138,690 btu / gal	EIA, 2007e
Heat content	1994	138,690 btu / gal	EIA, 2007e
Heat content	1995	138,690 btu / gal	EIA, 2007e
Heat content	1996	138,690 btu / gal	EIA, 2007e
Heat content	1997	138,690 btu / gal	EIA, 2007e
Heat content	1998	138,690 btu / gal	EIA, 2007e
Heat content	1999	138,690 btu / gal	EIA, 2007e
Heat content	2000	138,690 btu / gal	EIA, 2007e
Heat content	2001	136,000 btu / gal	EIA, 2007e
Heat content	2002	134,646 btu / gal	EIA, 2007e
Heat content	2003	134,847 btu / gal	EIA, 2007e
Heat content	2004	135,242 btu / gal	EIA, 2007e

Activity = Fuel combustion - Residual fuel oil

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Residual fuel oil	1990	58,078 gal	EIA, 2007e
Fuel combustion - Residual fuel oil	1991	16,803 gal	EIA, 2007e
Fuel combustion - Residual fuel oil	1992	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1993	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1994	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1995	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1996	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1997	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1998	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1999	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2000	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2001	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2002	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2003	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2004	0 gal	Not applicable
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b

Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0787 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	149,690 btu / gal	EIA, 2007e
Heat content	1991	149,690 btu / gal	EIA, 2007e
Heat content	1992	149,690 btu / gal	EIA, 2007e
Heat content	1993	149,690 btu / gal	EIA, 2007e
Heat content	1994	149,690 btu / gal	EIA, 2007e
Heat content	1995	149,690 btu / gal	EIA, 2007e
Heat content	1996	149,690 btu / gal	EIA, 2007e
Heat content	1997	149,690 btu / gal	EIA, 2007e
Heat content	1998	149,690 btu / gal	EIA, 2007e
Heat content	1999	149,690 btu / gal	EIA, 2007e
Heat content	2000	149,690 btu / gal	EIA, 2007e
Heat content	2001	149,690 btu / gal	EIA, 2007e
Heat content	2002	149,690 btu / gal	EIA, 2007e

Heat content	2003	149,690 btu / gal	EIA, 2007e
Heat content	2004	149,690 btu / gal	EIA, 2007e

► ***Sector = Imported Electricity : Specified Imports : PSW : Yucca/Yuma Axis (AZ)***

Activity = Fuel combustion - Distillate

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Distillate	1990	93,666 gal	EIA, 2007e
Fuel combustion - Distillate	1991	10,433 gal	EIA, 2007e
Fuel combustion - Distillate	1992	59,199 gal	EIA, 2007e
Fuel combustion - Distillate	1993	5,029 gal	EIA, 2007e
Fuel combustion - Distillate	1994	39,854 gal	EIA, 2007e
Fuel combustion - Distillate	1995	1,664 gal	EIA, 2007e
Fuel combustion - Distillate	1996	35,004 gal	EIA, 2007e
Fuel combustion - Distillate	1997	73,766 gal	EIA, 2007e
Fuel combustion - Distillate	1998	173,767 gal	EIA, 2007e
Fuel combustion - Distillate	1999	97,692 gal	EIA, 2007e
Fuel combustion - Distillate	2000	1,732,389 gal	EIA, 2007e
Fuel combustion - Distillate	2001	2,951,763 gal	EIA, 2007e
Fuel combustion - Distillate	2002	88,333 gal	EIA, 2007e
Fuel combustion - Distillate	2003	357,448 gal	EIA, 2007e
Fuel combustion - Distillate	2004	167,485 gal	EIA, 2007e
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0731 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0731 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b

Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b
Heat content	1990	138,690 btu / gal	EIA, 2007e
Heat content	1991	138,690 btu / gal	EIA, 2007e
Heat content	1992	138,690 btu / gal	EIA, 2007e
Heat content	1993	138,690 btu / gal	EIA, 2007e
Heat content	1994	138,690 btu / gal	EIA, 2007e
Heat content	1995	138,690 btu / gal	EIA, 2007e
Heat content	1996	138,690 btu / gal	EIA, 2007e
Heat content	1997	138,690 btu / gal	EIA, 2007e
Heat content	1998	138,690 btu / gal	EIA, 2007e
Heat content	1999	138,690 btu / gal	EIA, 2007e
Heat content	2000	138,690 btu / gal	EIA, 2007e
Heat content	2001	138,992 btu / gal	EIA, 2007e
Heat content	2002	138,096 btu / gal	EIA, 2007e
Heat content	2003	139,920 btu / gal	EIA, 2007e
Heat content	2004	139,123 btu / gal	EIA, 2007e

Activity = Fuel combustion - Natural gas

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Fuel combustion - Natural gas	1990	1,000,780,687 scf	EIA, 2007e
Fuel combustion - Natural gas	1991	501,637,713 scf	EIA, 2007e
Fuel combustion - Natural gas	1992	506,248,826 scf	EIA, 2007e
Fuel combustion - Natural gas	1993	668,144,400 scf	EIA, 2007e
Fuel combustion - Natural gas	1994	592,772,174 scf	EIA, 2007e
Fuel combustion - Natural gas	1995	550,702,478 scf	EIA, 2007e
Fuel combustion - Natural gas	1996	1,109,916,043 scf	EIA, 2007e
Fuel combustion - Natural gas	1997	1,506,963,470 scf	EIA, 2007e
Fuel combustion - Natural gas	1998	1,582,561,522 scf	EIA, 2007e
Fuel combustion - Natural gas	1999	1,838,206,878 scf	EIA, 2007e
Fuel combustion - Natural gas	2000	2,080,418,991 scf	EIA, 2007e
Fuel combustion - Natural gas	2001	2,644,844,878 scf	EIA, 2007e
Fuel combustion - Natural gas	2002	2,018,412,261 scf	EIA, 2007e
Fuel combustion - Natural gas	2003	1,198,514,435 scf	EIA, 2007e
Fuel combustion - Natural gas	2004	1,349,255,478 scf	EIA, 2007e
Fuel CH4 emission	1990	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	1.000E-06 g / btu	IPCC_2006b

Fuel CH4 emission	2002	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	1.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	1.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.053 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0529 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0529 g / btu	USEPA, 2007c
Fuel N2O emission	1990	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	1.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	1.000E-07 g / btu	IPCC_2006b
Heat content	1990	1,027 btu / scf	EIA, 2007e
Heat content	1991	1,027 btu / scf	EIA, 2007e
Heat content	1992	1,027 btu / scf	EIA, 2007e
Heat content	1993	1,027 btu / scf	EIA, 2007e
Heat content	1994	1,027 btu / scf	EIA, 2007e
Heat content	1995	1,027 btu / scf	EIA, 2007e
Heat content	1996	1,027 btu / scf	EIA, 2007e
Heat content	1997	1,027 btu / scf	EIA, 2007e
Heat content	1998	1,027 btu / scf	EIA, 2007e
Heat content	1999	1,027 btu / scf	EIA, 2007e
Heat content	2000	1,027 btu / scf	EIA, 2007e
Heat content	2001	1,027 btu / scf	EIA, 2007e
Heat content	2002	1,009 btu / scf	EIA, 2007e
Heat content	2003	1,013 btu / scf	EIA, 2007e
Heat content	2004	1,010 btu / scf	EIA, 2007e

Activity = Fuel combustion - Residual fuel oil

- Variable Name -	- Year -	- Value and Units -	- Reference -
Fuel combustion - Residual fuel oil	1990	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1991	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1992	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1993	11,221 gal	EIA, 2007e
Fuel combustion - Residual fuel oil	1994	36,113 gal	EIA, 2007e

Fuel combustion - Residual fuel oil	1995	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1996	240,428 gal	EIA, 2007e
Fuel combustion - Residual fuel oil	1997	7,606 gal	EIA, 2007e
Fuel combustion - Residual fuel oil	1998	0 gal	Not applicable
Fuel combustion - Residual fuel oil	1999	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2000	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2001	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2002	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2003	0 gal	Not applicable
Fuel combustion - Residual fuel oil	2004	0 gal	Not applicable
Fuel CH4 emission	1990	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1991	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1992	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1993	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1994	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1995	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1996	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1997	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1998	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	1999	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2000	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2001	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2002	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2003	3.000E-06 g / btu	IPCC_2006b
Fuel CH4 emission	2004	3.000E-06 g / btu	IPCC_2006b
Fuel CO2 emission	1990	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1991	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1992	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1993	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1994	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1995	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1996	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1997	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1998	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	1999	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2000	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2001	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2002	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2003	0.0787 g / btu	USEPA, 2007c
Fuel CO2 emission	2004	0.0787 g / btu	USEPA, 2007c
Fuel N2O emission	1990	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1991	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1992	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1993	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1994	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1995	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1996	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1997	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1998	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	1999	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2000	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2001	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2002	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2003	6.000E-07 g / btu	IPCC_2006b
Fuel N2O emission	2004	6.000E-07 g / btu	IPCC_2006b

Heat content	1990	149,690 btu / gal	EIA, 2007e
Heat content	1991	149,690 btu / gal	EIA, 2007e
Heat content	1992	149,690 btu / gal	EIA, 2007e
Heat content	1993	149,690 btu / gal	EIA, 2007e
Heat content	1994	149,690 btu / gal	EIA, 2007e
Heat content	1995	149,690 btu / gal	EIA, 2007e
Heat content	1996	149,690 btu / gal	EIA, 2007e
Heat content	1997	149,690 btu / gal	EIA, 2007e
Heat content	1998	149,690 btu / gal	EIA, 2007e
Heat content	1999	149,690 btu / gal	EIA, 2007e
Heat content	2000	149,690 btu / gal	EIA, 2007e
Heat content	2001	149,690 btu / gal	EIA, 2007e
Heat content	2002	149,690 btu / gal	EIA, 2007e
Heat content	2003	149,690 btu / gal	EIA, 2007e
Heat content	2004	149,690 btu / gal	EIA, 2007e

► *Sector = Imported Electricity : Unspecified Imports : PNW*

Activity = Electricity generation - Imported electricity

- Variable Name -	- Year -	- Value and Units -	- Reference -
Electricity generation - Imported electricity	1990	36,531,513,701 kWh	See technical document text
Electricity generation - Imported electricity	1991	33,248,119,164 kWh	See technical document text
Electricity generation - Imported electricity	1992	22,612,274,389 kWh	See technical document text
Electricity generation - Imported electricity	1993	17,842,930,393 kWh	See technical document text
Electricity generation - Imported electricity	1994	17,668,581,682 kWh	See technical document text
Electricity generation - Imported electricity	1995	22,947,079,107 kWh	See technical document text
Electricity generation - Imported electricity	1996	34,067,049,216 kWh	See technical document text
Electricity generation - Imported electricity	1997	29,077,376,294 kWh	See technical document text
Electricity generation - Imported electricity	1998	22,413,840,144 kWh	See technical document text
Electricity generation - Imported electricity	1999	30,054,712,251 kWh	See technical document text
Electricity generation - Imported electricity	2000	21,662,789,602 kWh	See technical document text
Electricity generation - Imported electricity	2001	12,993,898,637 kWh	See technical document text
Electricity generation - Imported electricity	2002	29,891,605,236 kWh	See technical document text
Electricity generation - Imported electricity	2003	25,016,607,382 kWh	See technical document text
Electricity generation - Imported electricity	2004	23,611,090,811 kWh	See technical document text
Fuel CH4 emission	1990	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1991	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1992	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1993	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1994	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1995	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1996	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1997	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1998	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1999	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2000	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2001	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2002	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2003	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2004	1.000E-06 g / btu	See technical document text
Fuel CO2 emission	1990	0.097 g / btu	See technical document text
Fuel CO2 emission	1991	0.097 g / btu	See technical document text
Fuel CO2 emission	1992	0.097 g / btu	See technical document text
Fuel CO2 emission	1993	0.097 g / btu	See technical document text
Fuel CO2 emission	1994	0.097 g / btu	See technical document text
Fuel CO2 emission	1995	0.097 g / btu	See technical document text

Fuel CO2 emission	1996	0.097 g / btu	See technical document text
Fuel CO2 emission	1997	0.097 g / btu	See technical document text
Fuel CO2 emission	1998	0.097 g / btu	See technical document text
Fuel CO2 emission	1999	0.097 g / btu	See technical document text
Fuel CO2 emission	2000	0.097 g / btu	See technical document text
Fuel CO2 emission	2001	0.0867 g / btu	See technical document text
Fuel CO2 emission	2002	0.0873 g / btu	See technical document text
Fuel CO2 emission	2003	0.0892 g / btu	See technical document text
Fuel CO2 emission	2004	0.0862 g / btu	See technical document text
Fuel N2O emission	1990	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1991	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1992	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1993	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1994	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1995	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1996	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1997	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1998	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1999	1.500E-06 g / btu	See technical document text
Fuel N2O emission	2000	1.500E-06 g / btu	See technical document text
Fuel N2O emission	2001	1.174E-06 g / btu	See technical document text
Fuel N2O emission	2002	1.195E-06 g / btu	See technical document text
Fuel N2O emission	2003	1.255E-06 g / btu	See technical document text
Fuel N2O emission	2004	1.158E-06 g / btu	See technical document text
Heat content	1990	2,209 btu / kWh	See technical document text
Heat content	1991	2,217 btu / kWh	See technical document text
Heat content	1992	2,149 btu / kWh	See technical document text
Heat content	1993	2,188 btu / kWh	See technical document text
Heat content	1994	2,161 btu / kWh	See technical document text
Heat content	1995	2,216 btu / kWh	See technical document text
Heat content	1996	2,267 btu / kWh	See technical document text
Heat content	1997	2,247 btu / kWh	See technical document text
Heat content	1998	2,222 btu / kWh	See technical document text
Heat content	1999	2,200 btu / kWh	See technical document text
Heat content	2000	2,224 btu / kWh	See technical document text
Heat content	2001	4,023 btu / kWh	See technical document text
Heat content	2002	2,742 btu / kWh	See technical document text
Heat content	2003	4,449 btu / kWh	See technical document text
Heat content	2004	4,278 btu / kWh	See technical document text

► ***Sector = Imported Electricity : Unspecified Imports : PSW***

Activity = Electricity generation - Imported electricity

- Variable Name -	*- Year -*	*- Value and Units -*	*- Reference -*
Electricity generation - Imported electricity	1990	30,178,237,070 kWh	See technical document text
Electricity generation - Imported electricity	1991	26,792,235,568 kWh	See technical document text
Electricity generation - Imported electricity	1992	17,414,935,092 kWh	See technical document text
Electricity generation - Imported electricity	1993	27,578,481,730 kWh	See technical document text
Electricity generation - Imported electricity	1994	27,727,522,681 kWh	See technical document text
Electricity generation - Imported electricity	1995	27,550,300,578 kWh	See technical document text
Electricity generation - Imported electricity	1996	19,006,970,654 kWh	See technical document text
Electricity generation - Imported electricity	1997	26,407,025,081 kWh	See technical document text
Electricity generation - Imported electricity	1998	29,863,061,496 kWh	See technical document text
Electricity generation - Imported electricity	1999	24,776,131,209 kWh	See technical document text
Electricity generation - Imported electricity	2000	6,406,089,414 kWh	See technical document text
Electricity generation - Imported electricity	2001	19,635,001,009 kWh	See technical document text

Electricity generation - Imported electricity	2002	17,538,027,963 kWh	See technical document text
Electricity generation - Imported electricity	2003	21,552,525,739 kWh	See technical document text
Electricity generation - Imported electricity	2004	26,501,530,435 kWh	See technical document text
Fuel CH4 emission	1990	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1991	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1992	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1993	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1994	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1995	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1996	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1997	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1998	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	1999	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2000	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2001	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2002	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2003	1.000E-06 g / btu	See technical document text
Fuel CH4 emission	2004	1.000E-06 g / btu	See technical document text
Fuel CO2 emission	1990	0.0951 g / btu	See technical document text
Fuel CO2 emission	1991	0.095 g / btu	See technical document text
Fuel CO2 emission	1992	0.0951 g / btu	See technical document text
Fuel CO2 emission	1993	0.0951 g / btu	See technical document text
Fuel CO2 emission	1994	0.0951 g / btu	See technical document text
Fuel CO2 emission	1995	0.0951 g / btu	See technical document text
Fuel CO2 emission	1996	0.0951 g / btu	See technical document text
Fuel CO2 emission	1997	0.0952 g / btu	See technical document text
Fuel CO2 emission	1998	0.0951 g / btu	See technical document text
Fuel CO2 emission	1999	0.0952 g / btu	See technical document text
Fuel CO2 emission	2000	0.0952 g / btu	See technical document text
Fuel CO2 emission	2001	0.0857 g / btu	See technical document text
Fuel CO2 emission	2002	0.0864 g / btu	See technical document text
Fuel CO2 emission	2003	0.0859 g / btu	See technical document text
Fuel CO2 emission	2004	0.0845 g / btu	See technical document text
Fuel N2O emission	1990	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1991	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1992	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1993	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1994	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1995	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1996	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1997	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1998	1.500E-06 g / btu	See technical document text
Fuel N2O emission	1999	1.500E-06 g / btu	See technical document text
Fuel N2O emission	2000	1.500E-06 g / btu	See technical document text
Fuel N2O emission	2001	1.183E-06 g / btu	See technical document text
Fuel N2O emission	2002	1.192E-06 g / btu	See technical document text
Fuel N2O emission	2003	1.180E-06 g / btu	See technical document text
Fuel N2O emission	2004	1.143E-06 g / btu	See technical document text
Heat content	1990	8,004 btu / kWh	See technical document text
Heat content	1991	8,074 btu / kWh	See technical document text
Heat content	1992	8,005 btu / kWh	See technical document text
Heat content	1993	8,021 btu / kWh	See technical document text
Heat content	1994	7,954 btu / kWh	See technical document text
Heat content	1995	8,081 btu / kWh	See technical document text
Heat content	1996	8,091 btu / kWh	See technical document text

Heat content	1997	8,060 btu / kWh	See technical document text
Heat content	1998	8,005 btu / kWh	See technical document text
Heat content	1999	7,904 btu / kWh	See technical document text
Heat content	2000	7,889 btu / kWh	See technical document text
Heat content	2001	7,964 btu / kWh	See technical document text
Heat content	2002	8,152 btu / kWh	See technical document text
Heat content	2003	8,388 btu / kWh	See technical document text
Heat content	2004	8,441 btu / kWh	See technical document text