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Annual Energy Outlook 2009 with Projections to 2030

Table 14. Summary projections for alternative GHG cases, 2020 and 2030

State	2020				2030		
	2007	Reference	No GHG concern	LW110	Reference	No GHG concern	LW110
Delivered energy prices (2007 dollars per unit)							
Motor gasoline (per gallon)	2.80	3.60	3.59	3.85	3.88	3.79	4.37
Jet fuel (per gallon)	2.17	2.99	2.97	3.30	3.32	3.24	3.95
Diesel (per gallon)	2.74	3.47	3.44	3.78	3.83	3.72	4.45
Natural gas (per thousand cubic feet)							
Residential	13.05	12.85	12.64	14.84	14.71	14.29	18.97
Electric power	7.22	7.35	7.15	9.01	8.94	8.47	12.51
Coal, electric power sector (per million Btu)	1.78	1.92	1.94	5.25	2.04	2.16	8.72
Electricity (cents per kilowatthour)	9.11	9.41	9.33	10.23	10.43	10.08	12.70
Energy consumption (quadrillion Btu)							
Liquids	40.75	38.93	38.97	38.35	41.60	41.66	39.87
Natural gas	23.70	24.09	23.78	22.88	25.04	24.02	22.45
Coal	22.74	23.98	24.80	20.30	26.56	30.62	16.40
Nuclear power	8.41	8.99	8.77	9.36	9.47	8.58	12.21
Renewable/other	6.05	9.26	9.28	11.15	10.67	10.71	15.24
Electricity imports	0.11	0.06	0.06	0.10	0.10	0.04	0.31
Total	101.77	105.31	105.65	102.16	113.43	115.62	106.46
Electricity generation (billion kilowatthours)							
Petroleum	66	58	58	55	60	61	53
Natural gas	892	898	852	828	1,012	854	803
Coal	2,021	2,156	2,235	1,846	2,415	2,779	1,621
Nuclear power	806	862	840	897	907	822	1,170
Renewable	352	617	619	789	730	728	1,063
Other (includes pumped storage)	22	28	28	27	28	27	27
Total	4,159	4,618	4,632	4,442	5,153	5,272	4,737
Carbon dioxide emissions (million metric tons)							
<i>Electric power sector, by fuel</i>							
Petroleum	66	40	40	37	41	42	36
Natural gas	376	357	340	325	378	321	260
Coal	1,980	2,089	2,142	1,685	2,299	2,494	868
Other	12	12	12	12	12	12	13
Total	2,433	2,497	2,534	2,059	2,729	2,869	1,176
Total carbon dioxide emissions, all sectors	5,991	5,982	6,044	5,436	6,414	6,745	4,615