

**Table ES2. Selected Variables in the Carbon Reduction Cases, 1996 and 2020**

Variable	1996	2020						
		Reference	1990 +24%	1990 +14%	1990 +9%	1990	1990 -3%	1990 -7%
<b>U.S. Carbon Emissions</b>								
(Million Metric Tons) . . . . .	1,463	1,929	1,668	1,535	1,468	1,347	1,303	1,251
<b>Emissions Reductions</b>								
(Percent Change From Reference Case) . . . . .	—	—	13.5	20.4	23.9	30.2	32.5	35.1
<b>Total Energy Consumption</b>								
(Quadrillion Btu) . . . . .	93.8	117.0	108.6	105.6	103.8	100.9	99.9	98.8
(Percent Change From Reference Case) . . . . .	—	—	-7.2	-9.7	-11.3	-13.8	-14.6	-15.6
<b>Carbon Price</b>								
(1996 Dollars per Metric Ton) . . . . .	—	—	99	123	141	200	240	305
<b>Carbon Revenue<sup>a</sup></b>								
(Billion 1996 Dollars) . . . . .	—	—	162	184	202	263	306	372
<b>Gasoline Price</b>								
(1996 Dollars per Gallon) . . . . .	1.23	1.24	1.42	1.45	1.49	1.60	1.67	1.80
(Percent Change From Reference Case) . . . . .	—	—	14.5	16.9	20.2	29.0	34.7	45.2
<b>Average Electricity Price</b>								
(1996 Cents per Kilowatthour) . . . . .	6.8	5.6	7.3	7.8	8.1	8.7	8.9	9.3
(Percent Change From Reference Case) . . . . .	—	—	30.4	39.3	44.6	55.4	58.9	66.1
<b>Actual Gross Domestic Product<sup>b</sup></b>								
(Billion 1992 Dollars) . . . . .	6,928	10,865	10,815	10,808	10,796	10,799	10,793	10,782
(Percent Change From Reference Case) . . . . .	—	—	-0.5	-0.5	-0.6	-0.6	-0.7	-0.8
(Annual Percentage Growth Rate, 2005-2020) . . . . .	—	1.6	1.6	1.6	1.6	1.6	1.6	1.6
<b>Potential Gross Domestic Product</b>								
(Billion 1992 Dollars) . . . . .	6,930	10,994	10,968	10,961	10,954	10,940	10,933	10,925
(Percent Change From Reference Case) . . . . .	—	—	-0.2	-0.3	-0.4	-0.5	-0.6	-0.6
(Annual Percentage Growth Rate, 2005-2020) . . . . .	—	1.7	1.6	1.6	1.6	1.6	1.6	1.6
<b>Change in Energy Intensity</b>								
(Annual Percent Change, 2005-2020) . . . . .	—	-0.9	-1.4	-1.4	-1.5	-1.6	-1.7	-1.7
(Percent Change From Reference Case) . . . . .	—	—	46.3	54.0	55.7	72.1	76.9	80.9

<sup>a</sup>The carbon revenues do not include fees on the nonsequestered portion of petrochemical feedstocks, nonpurchased refinery fuels, or industrial other petroleum.

<sup>b</sup>Carbon permit revenues are assumed to be returned to households through personal income tax rebates.

Source: Office of Integrated Analysis and Forecasting, National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, FD07BLW.D080398B.