

Table 2. Summary of Energy Sector Results in the Reference, S.139, and SA.2028 Cases, 2010 and 2025

Summary Indicators	2001	2010			2025		
		Refer- ence	S.139	SA.2028	Refer- ence	S.139	SA.2028
Greenhouse Gas Allowance Cost (2001 dollars per metric ton carbon equivalent)	---	---	79	55	---	221	167
Effective Delivered Energy Prices (2001 dollars per million Btu)							
Coal	1.26	1.18	3.18	2.59	1.12	6.44	5.22
Natural Gas	6.40	5.15	5.96	5.66	5.64	8.22	7.51
Residential and Commercial	8.88	7.14	7.24	7.15	7.63	8.04	7.90
Industrial and Electric Power	4.84	3.95	5.22	4.78	4.64	8.29	7.31
Motor Gasoline	11.57	11.45	12.98	12.53	12.07	15.31	14.41
Jet Fuel	6.20	5.66	7.10	6.64	6.72	10.35	9.42
Distillate Fuel	9.16	9.15	10.45	10.04	9.90	13.17	12.28
Residential and Commercial	8.12	7.16	7.12	7.11	8.07	7.65	7.72
Industrial and Electric Power	6.50	5.71	7.23	6.74	7.08	10.85	9.93
Transportation	10.05	10.19	11.71	11.23	10.64	14.37	13.32
Electricity	21.34	18.76	20.40	19.94	19.66	28.70	26.57
Primary Energy Use (quadrillion Btu)							
Natural Gas	23.26	27.35	28.12	27.63	35.55	39.54	37.54
Petroleum	38.46	44.45	43.74	43.97	56.11	50.76	53.04
Coal	22.02	25.47	22.00	23.50	29.86	6.74	13.86
Nuclear	8.03	8.25	8.37	8.37	8.28	12.39	10.50
Renewable	5.32	7.30	9.03	8.62	8.77	16.22	15.31
Other	0.21	0.31	0.43	0.42	0.06	0.32	0.24
Total	97.29	113.13	111.67	112.50	138.63	125.97	130.50
Electricity Sales (quadrillion Btu)	11.65	14.00	13.82	13.86	17.90	15.87	16.38
Carbon Dioxide Emissions by Fuel (million metric tons carbon equivalent)							
Natural Gas	329	391	402	395	509	493	533
Petroleum	668	761	748	752	963	870	912
Coal	561	650	560	599	763	119	332
Total	1,559	1,802	1,710	1,746	2,234	1,482	1,777
Carbon Dioxide Emissions by Sector (million metric tons carbon equivalent)							
Residential	314	355	326	337	406	181	266
Commercial	279	320	291	302	411	166	260
Industrial	451	500	472	482	592	391	467
Transportation	514	628	622	625	826	744	784
Total	1,559	1,802	1,710	1,746	2,234	1,482	1,777
Electricity Generation	612	697	615	647	868	205	463

Notes: "Other" includes net electricity imports, methanol, and liquid hydrogen. "Effective Delivered Energy Prices" include the costs of greenhouse gas allowances where applicable.

Source: Office of Integrated Analysis and Forecasting, National Energy Modeling System runs MLBASE.D050303A, MLBILL.D050503A, and SA2028.D051104A.