

Impacts of Modeled Provisions of H.R. 6 HR

Table 1. Comparison of Selected Energy Measures, Reference and H.R. 6 EH Cases

	2003	2010		2015		2025	
		Reference	H.R. 6 EH	Reference	H.R. 6 EH	Reference	H.R. 6 EH
Energy Production (quadrillion Btu)	71.4	77.9	77.9	77.6	77.8	82.6	84.9
Crude Oil and Lease							
Condensate.....	12.0	12.7	12.7	11.6	11.8	10.1	12.2
Natural Gas.....	19.6	21.1	21.0	21.2	21.3	22.4	22.5
Other.....	0.9	1.0	1.0	0.8	0.8	0.8	0.9
Net Imports (quadrillion Btu)							
Petroleum.....	24.1	28.4	28.4	32.5	32.2	39.5	37.2
Natural Gas	3.3	4.9	4.9	7.2	7.2	8.9	9.0
Energy Consumption (quadrillion Btu)	98.2	111.1	111.0	117.5	117.5	131.5	131.6
Residential	21.3	23.4	23.4	24.5	24.4	26.5	26.4
Commercial.....	17.5	20.3	20.3	22.2	22.1	26.8	26.7
Industrial	32.2	35.5	35.5	36.6	36.6	39.4	39.6
Transportation.....	27.2	31.9	31.9	34.3	34.3	38.8	38.9
Electric Power	38.3	43.7	43.7	46.6	46.5	53.4	53.3
World Oil Price (2003 Dollars per Barrel).....	27.73	25.00	24.96	26.75	26.64	30.31	29.74
Average Wellhead Natural Gas Price (2003 dollars per thousand cubic feet)	4.98	3.66	3.64	4.18	4.16	4.79	4.82
Electricity Price (2003 cents per kilowatthour).....	7.4	6.6	6.6	7.0	6.9	7.3	7.3
Gross Domestic Product (billion 2000 chain-weighted dollars)	10,381	10,383	10,384	15,207	15,208	20,283	20,297

Note: Totals may not equal sum of components due to independent rounding.

Source: National Energy Modeling System, runs BASE.D071305I and HR6.D071305F.

Table 2. Crude Oil and Natural Gas Supply and Prices, Reference and H.R. 6 EH Cases

	2003	2010		2015		2025	
		Reference	H.R. 6 EH	Reference	H.R. 6 EH	Reference	H.R. 6 EH
Crude Oil							
U.S. Production							
(million barrels per day)	5.68	6.02	6.02	5.49	5.56	4.75	5.76
Lower-48 Onshore.....	2.99	2.63	2.63	2.42	2.42	2.09	2.08
Lower-48 Offshore.....	1.72	2.58	2.58	2.19	2.20	2.05	2.13
Alaska.....	0.97	0.81	0.81	0.88	0.94	0.61	1.55
Lower-48 Average Wellhead Price (2003 dollars per barrel)	28.60	24.49	24.44	26.32	26.17	29.90	29.34
World Oil Price (2003 dollars per barrel)	27.73	25.00	24.96	26.75	26.64	30.31	29.74
Import Share of Product Supplied (percent)	0.56	0.58	0.58	0.62	0.61	0.68	0.64
Natural Gas							
U.S. Dry Production							
(trillion cubic feet)	19.07	20.51	20.48	20.66	20.71	21.82	21.95
Lower-48 Onshore.....	13.89	15.03	15.01	15.26	15.25	14.68	14.63
Lower-48 Offshore.....	4.73	5.22	5.22	5.13	5.19	4.91	5.00
Alaska.....	0.44	0.25	0.25	0.27	0.27	2.23	2.32
Lower-48 Average Wellhead Price (2003 dollars per thousand cubic feet)	4.98	3.66	3.64	4.18	4.16	4.79	4.82
Primary Natural Gas Consumption ^a (trillion cubic feet)	20.19	23.55	23.49	25.97	25.98	28.63	28.70
Cumulative Production							
Crude Oil (billion barrels).....	0.00	15.28	15.27	25.68	25.71	44.25	46.71
Lower-48 Dry Gas (trillion cubic feet)	0.00	135.31	135.20	238.93	238.84	435.21	435.21

^aDoes not include lease and plant fuel and pipeline fuel.

Source: National Energy Modeling System, runs BASE.D071305I and HR6.D071305F.

Table 3. Oil Production, Net Petroleum Imports, and Gasoline Prices, Reference and H.R. 6 EH Cases

	2003	2010		2015		2025	
		Reference	H.R. 6 EH	Reference	H.R. 6 EH	Reference	H.R. 6 EH
Ethanol Consumption (billion gallons per year)	2.82	4.10	4.49	4.01	5.73	4.59	6.38
Domestic Crude Oil Production (million barrels per day)	5.68	6.02	6.02	5.49	5.56	4.75	5.76
Net Petroleum Imports ^a (million barrels per day)	11.23	13.31	13.29	15.08	14.93	18.32	17.30
Average Gasoline Price Differential (2003 cents per gallon).....	—	—	-0.5	—	0.2	—	-0.8

Table 4. Residential Sector Results, Reference and H.R. 6 EH Cases

	2003	2010		2015		2025	
		Reference	H.R. 6 EH	Reference	H.R. 6 EH	Reference	H.R. 6 EH
Delivered Energy Consumption (quadrillion Btu)	11.61	12.65	12.60	13.26	13.20	14.22	14.16
Average Energy Prices (2003 dollars per million Btu).....	15.81	14.35	14.34	15.00	14.99	16.10	16.10
Energy Expenditures (2003 dollars per household).....	1,582	1,442	1,435	1,495	1,487	1,564	1,557

Source: National Energy Modeling System, runs BASE.D071305I and HR6.D071305F.

Table 5. Commercial Sector Results, Reference and H.R. 6 EH Cases

	2003	2010		2015		2025	
		Reference	H.R. 6 EH	Reference	H.R. 6 EH	Reference	H.R. 6 EH
Delivered Energy Consumption (quadrillion Btu)	8.29	9.52	9.52	10.40	10.40	12.49	12.48
Average Energy Prices (2003 dollars per million Btu)	15.63	13.80	13.76	14.91	14.87	16.16	16.15
Energy Expenditures (2003 dollars per thousand square feet)	1,776	1,603	1,598	1,740	1,734	1,913	1,910

Source: National Energy Modeling System, runs BASE.D071305I and HR6.D071305F.