

Table 1. U.S. Energy Markets Summary

U.S. Energy Information Administration | Short-Term Energy Outlook - November 2017

	2016				2017				2018				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018
Energy Supply															
Crude Oil Production (a) (million barrels per day)	9.14	8.82	8.65	8.81	9.02	9.13	9.26	9.53	9.85	9.99	9.87	10.07	8.86	9.23	9.95
Dry Natural Gas Production (billion cubic feet per day)	74.14	73.28	72.45	71.55	71.44	72.16	73.85	76.29	78.06	78.74	79.17	79.62	72.85	73.45	78.90
Coal Production (million short tons)	173	161	195	199	197	187	206	199	199	175	202	212	728	790	788
Energy Consumption															
Liquid Fuels (million barrels per day)	19.54	19.50	19.94	19.77	19.49	20.03	19.93	19.94	19.80	20.12	20.62	20.49	19.69	19.85	20.26
Natural Gas (billion cubic feet per day)	89.02	66.66	69.14	75.63	85.83	62.54	66.16	77.87	93.63	66.65	67.72		75.10	73.06	76.83
Coal (b) (million short tons)	166	160	223	181	174	167	206	181	184	164	207	179	730	727	734
Electricity (billion kilowatt hours per day)	10.19	9.96	12.09	9.84	10.11	10.05	11.70	10.02	10.60	10.18	11.78	10.05	10.52	10.47	10.65
Renewables (c) (quadrillion Btu)	2.60	2.59	2.43	2.53	2.76	2.96	2.55	2.57	2.65	2.84	2.63	2.66	10.14	10.84	10.78
Total Energy Consumption (d) (quadrillion Btu)	25.27	22.98	24.80	24.45	25.02	23.22	24.09	24.40	25.57	23.12	24.42	24.79	97.50	96.73	97.89
Energy Prices															
Crude Oil West Texas Intermediate Spot (dollars per barrel)	33.35	45.46	44.85	49.18	51.64	48.15	48.16	50.89	48.82	50.00	51.30	53.95	43.33	49.70	51.04
Natural Gas Henry Hub Spot (dollars per million Btu)	2.00	2.14	2.88	3.04	3.01	3.08	2.95	2.99	3.24	3.06	2.97	3.11	2.51	3.01	3.10
Coal (dollars per million Btu)	2.13	2.13	2.11	2.08	2.08	2.12	2.12	2.19	2.19	2.20	2.21	2.21	2.11	2.13	2.20
Macroeconomic															
Real Gross Domestic Product (billion chained 2009 dollars - SAAR)	16,572	16,664	16,778	16,851	16,903	17,031	17,128	17,246	17,329	17,411	17,507	17,628	16,716	17,077	17,468
Percent change from prior year	1.4	1.2	1.5	1.8	2.0	2.2	2.1	2.3	2.5	2.2	2.2	2.2	1.5	2.2	2.3
GDP Implicit Price Deflator (Index, 2009=100)	110.6	111.3	111.6	112.2	112.8	113.0	113.4	114.0	114.6	115.3	116.0	116.7	111.4	113.3	115.6
Percent change from prior year	1.2	1.2	1.2	1.5	2.0	1.6	1.6	1.7	1.6	2.0	2.3	2.3	1.3	1.7	2.1
Real Disposable Personal Income (billion chained 2009 dollars - SAAR)	12,568	12,627	12,649	12,591	12,680	12,783	12,808	12,849	12,955	13,031	13,114	13,220	12,609	12,780	13,080
Percent change from prior year	2.2	1.7	1.4	0.2	0.9	1.2	1.3	2.0	2.2	1.9	2.4	2.9	1.4	1.4	2.3
Manufacturing Production Index (Index, 2012=100)	102.9	102.6	102.7	103.1	103.7	104.4	104.2	105.0	105.5	106.1	106.6	107.4	102.8	104.3	106.4
Percent change from prior year	0.3	0.1	-0.1	0.5	0.8	1.7	1.5	1.8	1.8	1.6	2.3	2.3	0.2	1.5	2.0
Weather															
U.S. Heating Degree-Days	1,948	481	51	1,399	1,858	429	65	1,473	2,129	494	80	1,527	3,880	3,824	4,229
U.S. Cooling Degree-Days	54	411	963	129	70	401	838	122	43	393	832	91	1,557	1,431	1,358

- = no data available

Prices are not adjusted for inflation.

(a) Includes lease condensate.

(b) Total consumption includes Independent Power Producer (IPP) consumption.

(c) Renewable energy includes minor components of non-marketed renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy.

EIA does not estimate or project end-use consumption of non-marketed renewable energy.

(d) The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations of gross energy consumption in EIA's Monthly Energy Review. Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.**Historical data:** Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109;*Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208; *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130;*Electric Power Monthly*, DOE/EIA-0226; *Quarterly Coal Report*, DOE/EIA-0121; and *International Petroleum Monthly*, DOE/EIA-0520.

Minor discrepancies with published historical data are due to independent rounding.

Projections: EIA Regional Short-Term Energy Model. Macroeconomic projections are based on Global Insight Model of the U.S. Economy.

Weather projections from National Oceanic and Atmospheric Administration.