

STEO Current/Previous Forecast Comparisons: U.S. Energy Supply and Demand Summary

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Energy Supply																			
U.S. Crude Oil Production (million barrels per day)																			
Current	9.01	9.13	9.33	9.93	10.24	10.72	10.88	11.31	11.64	11.75	11.67	11.97	8.86	9.35	10.79	11.76	5.6%	15.4%	9.0%
Previous	9.01	9.13	9.33	9.93	10.23	10.62	10.78	11.26	11.70	11.91	11.81	12.00	8.86	9.35	10.72	11.86	5.6%	14.6%	10.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	1.0%	1.0%	0.5%	-0.6%	-1.4%	-1.2%	-0.2%	0.0%	0.0%	0.6%	-0.8%			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	71.24	72.04	73.97	76.98	78.54	81.31	82.05	82.83	83.73	83.79	83.68	83.93	72.85	73.57	81.20	83.78	1.0%	10.4%	3.2%
Previous	71.24	72.04	73.97	76.98	78.49	80.31	81.15	81.85	83.03	83.46	83.42	83.39	72.85	73.57	80.46	83.33	1.0%	9.4%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	1.2%	1.1%	1.2%	0.8%	0.4%	0.3%	0.7%	0.0%	0.0%	0.9%	0.5%			
U.S. Coal Production (million short tons)																			
Current	197.0	187.1	196.2	193.8	191.1	181.5	197.0	186.7	191.2	160.4	197.7	188.7	728.4	774.1	756.2	738.0	6.3%	-2.3%	-2.4%
Previous	197.0	187.1	196.2	193.8	191.1	176.9	195.9	187.2	194.3	165.6	200.0	191.9	728.4	774.1	751.2	751.8	6.3%	-3.0%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.5%	-0.3%	-1.6%	-3.2%	-1.1%	-1.7%	0.0%	0.0%	0.7%	-1.8%			
U.S. Energy Consumption																			
U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)																			
Current	19.49	20.03	19.92	20.05	20.24	20.39	20.47	20.53	20.38	20.47	20.89	20.92	19.69	19.88	20.41	20.67	1.0%	2.7%	1.3%
Previous	19.49	20.03	19.92	20.05	20.10	20.33	20.54	20.52	20.28	20.50	20.92	20.87	19.69	19.88	20.38	20.64	1.0%	2.5%	1.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.3%	-0.4%	0.0%	0.5%	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.2%	0.1%			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	86.15	62.96	66.96	80.94	97.15	69.95	69.54	81.92	95.19	68.49	71.07	83.12	75.10	74.22	79.57	79.41	-1.2%	7.2%	-0.2%
Previous	86.15	62.97	66.97	80.94	96.44	69.12	69.18	81.77	95.49	68.41	71.00	82.89	75.10	74.22	79.06	79.39	-1.2%	6.5%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	1.2%	0.5%	0.2%	-0.3%	0.1%	0.1%	0.3%	0.0%	0.0%	0.6%	0.0%			
U.S. Electricity Retail Sales (million kilowatthours per day)																			
Current	9,750	9,704	11,280	9,605	10,205	9,905	11,424	9,655	10,213	9,798	11,491	9,695	10,280	10,088	10,299	10,301	-1.9%	2.1%	0.0%
Previous	9,750	9,704	11,280	9,605	10,253	9,904	11,417	9,652	10,259	9,877	11,494	9,700	10,280	10,088	10,308	10,334	-1.9%	2.2%	0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.1%	0.0%	-0.4%	-0.8%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	25.05	23.25	24.35	25.09	26.15	23.47	24.38	24.89	25.91	23.42	24.71	25.19	97.56	97.73	98.90	99.24	0.2%	1.2%	0.3%
Previous	25.05	23.25	24.35	25.09	26.02	23.42	24.37	24.84	25.83	23.41	24.66	25.09	97.56	97.73	98.65	98.99	0.2%	0.9%	0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	0.2%	0.1%	0.2%	0.3%	0.0%	0.2%	0.4%	0.0%	0.0%	0.3%	0.3%			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2009 dollars)																			
Current	16,903	17,031	17,164	17,286	17,386	17,508	17,634	17,763	17,883	17,986	18,081	18,175	16,716	17,096	17,573	18,032	2.3%	2.8%	2.6%
Previous	16,903	17,031	17,164	17,286	17,356	17,481	17,614	17,743	17,865	17,976	18,080	18,182	16,716	17,096	17,548	18,026	2.3%	2.6%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%			
U.S. Manufacturing Production Index (index 2012 = 100)																			
Current	102.0	102.7	102.2	103.6	104.0	104.8	105.1	106.1	106.9	107.5	108.1	108.8	101.1	102.6	105.0	107.8	1.5%	2.3%	2.7%
Previous	102.0	102.7	102.2	103.6	104.5	105.1	105.8	106.7	107.4	108.0	108.5	109.0	101.1	102.6	105.5	108.3	1.5%	2.8%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.7%	-0.6%	-0.5%	-0.5%	-0.4%	-0.2%	0.0%	0.0%	-0.5%	-0.4%			
U.S. Heating Degree Days																			
Current	1,858	428	65	1,480	2,130	542	75	1,534	2,126	484	76	1,532	3,879	3,831	4,282	4,218	-1.2%	11.8%	-1.5%
Previous	1,858	427	65	1,481	2,136	568	76	1,542	2,137	487	76	1,540	3,879	3,831	4,322	4,240	-1.2%	12.8%	-1.9%
Percent Change	0.0%	0.1%	0.0%	0.0%	-0.2%	-4.5%	-1.1%	-0.5%	-0.5%	-0.6%	-0.6%	-0.5%	0.0%	0.0%	-0.9%	-0.5%			
U.S. Cooling Degree Days																			
Current	70	402	838	114	51	420	839	89	40	397	843	90	1,558	1,424	1,399	1,370	-8.6%	-1.7%	-2.1%
Previous	70	402	838	115	51	388	837	89	41	399	841	90	1,558	1,424	1,365	1,371	-8.6%	-4.1%	0.4%
Percent Change	0.0%	0.0%	0.0%	-0.1%	0.6%	8.1%	0.2%	0.2%	-1.3%	-0.6%	0.2%	0.2%	0.0%	0.0%	2.5%	-0.1%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/DOE.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Petroleum																			
WTI spot (\$/barrel)																			
Current	51.64	48.15	48.16	55.27	62.90	67.29	64.87	63.00	62.50	62.00	61.31	62.00	43.33	50.79	64.53	61.95	17.2%	27.0%	-4.0%
Previous	51.64	48.15	48.16	55.27	62.90	67.60	66.88	64.87	62.50	61.00	60.00	60.00	43.33	50.79	65.58	60.86	17.2%	29.1%	-7.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-3.0%	-2.9%	0.0%	1.6%	2.2%	3.3%	0.0%	0.0%	-1.6%	1.8%			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	49.91	47.66	48.32	56.79	62.21	66.26	63.85	62.00	61.50	61.00	60.32	61.00	40.69	50.68	63.60	60.95	24.5%	25.5%	-4.2%
Previous	49.91	47.66	48.32	56.79	62.06	66.61	65.87	63.82	61.50	60.00	59.00	59.00	40.69	50.68	64.64	59.86	24.5%	27.6%	-7.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-0.5%	-3.1%	-2.8%	0.0%	1.7%	2.2%	3.4%	0.0%	0.0%	-1.6%	1.8%			
Brent spot average (\$/barrel)																			
Current	53.57	49.59	52.09	61.42	66.84	74.07	72.52	70.69	69.00	68.00	67.00	67.00	43.74	54.15	71.06	67.74	23.8%	31.2%	-4.7%
Previous	53.57	49.59	52.09	61.42	66.84	73.05	72.03	70.69	68.00	66.00	65.00	65.00	43.74	54.15	70.68	65.98	23.8%	30.5%	-6.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.7%	0.0%	1.5%	3.0%	3.1%	3.1%	0.0%	0.0%	0.5%	2.7%			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	2.33	2.38	2.44	2.51	2.58	2.86	2.89	2.74	2.67	2.85	2.81	2.64	2.15	2.42	2.77	2.74	12.5%	14.6%	-1.0%
Previous	2.33	2.38	2.44	2.51	2.58	2.90	2.91	2.75	2.65	2.80	2.78	2.59	2.15	2.42	2.79	2.71	12.5%	15.4%	-2.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.2%	-0.9%	-0.4%	0.7%	1.6%	1.1%	1.7%	0.0%	0.0%	-0.7%	1.3%			
Diesel, retail including taxes (\$/gallon)																			
Current	2.57	2.55	2.63	2.87	3.02	3.16	3.13	3.13	3.03	3.02	3.05	3.09	2.31	2.65	3.11	3.05	14.9%	17.3%	-2.1%
Previous	2.57	2.55	2.63	2.87	3.02	3.13	3.17	3.16	3.03	3.00	3.00	3.01	2.31	2.65	3.12	3.01	14.8%	17.7%	-3.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	-1.4%	-0.9%	-0.1%	0.7%	1.8%	2.5%	0.0%	0.0%	-0.4%	1.3%			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	2.47	2.38	2.34	2.65	2.87	2.91	2.96	3.03	3.05	2.89	2.90	3.00	2.10	2.51	2.93	2.99	19.2%	17.0%	2.0%
Previous	2.47	2.38	2.34	2.65	2.87	2.92	3.00	3.06	3.07	2.88	2.85	2.92	2.10	2.51	2.95	2.97	19.2%	17.5%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-1.4%	-1.0%	-0.6%	0.3%	1.4%	2.6%	0.0%	0.0%	-0.4%	0.8%			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	3.01	3.08	2.95	2.90	3.02	2.84	3.01	3.11	3.20	2.96	3.00	3.14	2.51	2.99	2.99	3.08	18.8%	0.3%	2.7%
Previous	3.01	3.08	2.95	2.90	3.02	2.85	3.02	3.13	3.25	3.00	3.03	3.17	2.51	2.99	3.01	3.11	18.8%	0.6%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.4%	-0.5%	-1.5%	-1.5%	-1.0%	-0.9%	0.0%	0.0%	-0.4%	-1.2%			
Residential Retail (\$ per thousand cubic feet)																			
Current	9.73	13.00	17.74	10.19	9.39	11.48	16.55	10.57	9.68	12.29	16.82	10.74	10.04	10.92	10.57	10.91	8.8%	-3.3%	3.3%
Previous	9.73	13.00	17.74	10.19	9.31	11.43	16.54	10.59	9.69	12.33	16.82	10.76	10.04	10.92	10.52	10.91	8.8%	-3.7%	3.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.5%	0.0%	-0.2%	-0.1%	-0.3%	0.0%	-0.2%	0.0%	0.0%	0.4%	0.0%			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	2.08	2.12	2.07	2.04	2.06	2.23	2.24	2.21	2.24	2.22	2.23	2.20	2.11	2.08	2.19	2.22	-1.7%	5.4%	1.6%
Previous	2.08	2.12	2.07	2.04	2.11	2.24	2.24	2.21	2.24	2.22	2.23	2.20	2.11	2.08	2.20	2.22	-1.7%	6.0%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.3%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.2%	0.2%	0.0%	0.0%	-0.6%	0.1%			
Natural Gas																			
Current	3.69	3.38	3.19	3.38	3.98	3.12	3.29	3.58	3.83	3.25	3.25	3.60	2.87	3.38	3.46	3.45	17.8%	2.3%	-0.3%
Previous	3.69	3.38	3.19	3.38	4.01	3.14	3.32	3.61	3.87	3.29	3.27	3.62	2.87	3.38	3.49	3.49	17.8%	3.2%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.8%	-0.9%	-0.8%	-1.2%	-1.1%	-0.9%	-0.7%	0.0%	0.0%	-0.9%	-1.0%			
Residual Fuel Oil																			
Current	11.16	10.60	10.03	11.93	11.47	13.79	13.81	13.44	13.36	13.67	12.90	12.58	8.46	10.97	12.85	13.15	29.6%	17.1%	2.3%
Previous	11.16	10.60	10.03	11.93	11.55	13.72	13.65	13.27	13.24	13.39	12.50	12.20	8.46	10.97	12.78	12.87	29.6%	16.5%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.7%	0.5%	1.2%	1.3%	0.9%	2.1%	3.2%	3.1%	0.0%	0.0%	0.5%	2.2%			
U.S. Residential Retail Electricity (cents per kilowatthour)																			
Current	12.59	12.99	13.19	12.75	12.57	13.08	13.40	13.11	13.09	13.72	13.85	13.45	12.55	12.90	13.05	13.53	2.8%	1.2%	3.7%
Previous	12.59	12.99	13.19	12.75	12.58	13.14	13.45	13.15	13.12	13.73	13.89	13.46	12.55	12.90	13.09	13.56	2.8%	1.5%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.4%	-0.3%	-0.2%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	-0.3%	-0.2%			

Prices are not adjusted for inflation.

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doe.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: International Crude Oil and Liquid Fuels

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
World Crude Oil and Liquid Fuels Supply (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Supply																			
Current	27.12	26.95	27.13	28.28	28.55	29.55	29.95	30.79	31.07	31.30	31.29	31.84	26.54	27.37	29.72	31.38	3.1%	8.6%	5.6%
Previous	27.12	26.95	27.14	28.29	28.46	29.55	29.89	30.74	31.15	31.48	31.42	31.87	26.54	27.37	29.67	31.48	3.2%	8.4%	6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.2%	0.1%	-0.2%	-0.6%	-0.4%	-0.1%	0.0%	0.0%	0.2%	-0.3%			
OPEC (Organization of the Petroleum Exporting Countries) Supply																			
Current	38.84	39.32	39.68	39.28	39.24	38.85	38.93	38.91	38.82	39.09	39.38	39.55	39.23	39.28	38.98	39.21	0.1%	-0.8%	0.6%
Previous	38.84	39.32	39.68	39.28	39.25	39.07	39.31	39.28	39.17	39.35	39.69	39.81	39.23	39.28	39.22	39.51	0.1%	-0.2%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-1.0%	-0.9%	-0.9%	-0.7%	-0.8%	-0.6%	0.0%	0.0%	-0.6%	-0.7%			
Non-OPEC Supply																			
Current	58.26	58.36	58.71	59.58	59.41	61.26	61.83	62.43	62.20	63.03	63.26	63.50	57.95	58.73	61.24	63.00	1.3%	4.3%	2.9%
Previous	58.26	58.36	58.72	59.57	59.46	61.21	61.80	62.40	62.34	63.18	63.42	63.57	57.95	58.73	61.23	63.13	1.3%	4.3%	3.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.0%	-0.2%	-0.2%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.2%			
Total World Supply																			
Current	97.10	97.67	98.39	98.87	98.65	100.11	100.76	101.34	101.02	102.12	102.64	103.06	97.19	98.01	100.22	102.21	0.8%	2.3%	2.0%
Previous	97.10	97.67	98.39	98.86	98.71	100.27	101.10	101.67	101.51	102.54	103.12	103.38	97.19	98.01	100.45	102.64	0.8%	2.5%	2.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.3%	-0.3%	-0.5%	-0.4%	-0.5%	-0.3%	0.0%	0.0%	-0.2%	-0.4%			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	46.71	46.88	47.44	47.72	47.65	47.10	47.95	48.26	47.93	47.24	48.49	48.75	46.75	47.19	47.74	48.10	1.0%	1.2%	0.8%
Previous	46.79	46.92	47.46	47.72	47.48	47.04	48.03	48.25	47.83	47.27	48.52	48.70	46.75	47.23	47.70	48.08	1.0%	1.0%	0.8%
Percent Change	-0.2%	-0.1%	0.0%	0.0%	0.4%	0.1%	-0.2%	0.0%	0.2%	-0.1%	-0.1%	0.1%	0.0%	-0.1%	0.1%	0.0%			
Non-OECD Consumption																			
Current	50.79	51.46	51.48	51.46	52.01	52.74	52.72	52.72	53.38	54.09	54.04	54.08	50.12	51.30	52.55	53.90	2.3%	2.4%	2.6%
Previous	50.79	51.46	51.47	51.46	52.03	52.80	52.74	52.74	53.41	54.12	54.07	54.11	50.12	51.30	52.58	53.93	2.3%	2.5%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%			
China Consumption																			
Current	13.48	13.29	13.01	13.27	13.98	13.74	13.40	13.64	14.42	14.15	13.80	14.04	12.81	13.26	13.69	14.10	3.5%	3.2%	3.0%
Previous	13.48	13.29	13.01	13.27	13.98	13.74	13.40	13.64	14.42	14.15	13.80	14.04	12.81	13.26	13.69	14.10	3.5%	3.2%	3.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Total World Consumption																			
Current	97.50	98.35	98.92	99.18	99.66	99.85	100.67	100.98	101.31	101.33	102.53	102.83	96.87	98.49	100.29	102.01	1.7%	1.8%	1.7%
Previous	97.58	98.38	98.93	99.18	99.52	99.84	100.77	100.99	101.23	101.39	102.59	102.80	96.87	98.52	100.28	102.01	1.7%	1.8%	1.7%
Percent Change	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	3,028	3,012	2,961	2,843	2,814	2,842	2,863	2,853	2,865	2,924	2,945	2,936	2,994	2,843	2,853	2,936	-5.0%	0.3%	2.9%
Previous	3,012	3,001	2,954	2,839	2,812	2,850	2,880	2,881	2,910	2,979	3,014	3,015	2,985	2,839	2,881	3,015	-4.9%	1.5%	4.7%
Percent Change	0.5%	0.4%	0.3%	0.2%	0.1%	-0.3%	-0.6%	-1.0%	-1.5%	-1.9%	-2.3%	-2.6%	0.3%	0.2%	-1.0%	-2.6%			
OPEC Surplus Production Capacity and World Macroeconomic																			
OPEC Surplus Crude Oil Production Capacity (million barrels per day)																			
Current	2.19	2.13	1.95	2.10	1.92	1.90	1.76	1.67	1.27	1.07	0.93	0.91	1.15	2.09	1.81	1.04	82.5%	-13.5%	-42.3%
Previous	2.19	2.13	1.95	2.10	1.91	1.81	1.67	1.67	1.45	1.40	1.24	1.27	1.15	2.09	1.76	1.34	82.5%	-15.8%	-24.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	5.2%	5.2%	0.1%	-12.1%	-23.5%	-25.1%	-28.3%	0.0%	0.0%	2.7%	-22.0%			
World Oil-Consumption-Weighted GDP Growth (annualized percent change)																			
Current	3.60	2.88	3.10	3.06	3.32	3.29	3.23	3.25	3.21	3.16	3.16	3.06	2.79	3.16	3.27	3.15			
Previous	3.60	2.90	3.12	3.11	3.36	3.36	3.34	3.39	3.36	3.30	3.26	3.12	2.77	3.18	3.36	3.26			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: U.S. Petroleum and Other Liquid Fuels

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Supply (million barrels per day)																			
U.S. Crude Oil Production																			
Current	9.01	9.13	9.33	9.93	10.24	10.72	10.88	11.31	11.64	11.75	11.67	11.97	8.86	9.35	10.79	11.76	5.6%	15.4%	9.0%
Previous	9.01	9.13	9.33	9.93	10.23	10.62	10.78	11.26	11.70	11.91	11.81	12.00	8.86	9.35	10.72	11.86	5.6%	14.6%	10.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	1.0%	1.0%	0.5%	-0.6%	-1.4%	-1.2%	-0.2%	0.0%	0.0%	0.6%	-0.8%			
U.S. Natural Gas Plant Liquids Production																			
Current	3.54	3.70	3.72	3.99	4.01	4.26	4.46	4.61	4.62	4.68	4.80	4.86	3.51	3.74	4.34	4.74	6.5%	16.0%	9.4%
Previous	3.54	3.70	3.72	3.99	3.97	4.22	4.42	4.54	4.56	4.67	4.75	4.79	3.51	3.74	4.29	4.69	6.5%	14.8%	9.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.9%	0.9%	1.5%	1.4%	0.3%	1.0%	1.5%	0.0%	0.0%	1.1%	1.1%			
U.S. Ethanol Production																			
Current	1.04	1.01	1.02	1.06	1.05	1.04	1.03	1.03	1.03	1.04	1.04	1.05	1.00	1.03	1.04	1.04	3.1%	0.3%	0.6%
Previous	1.04	1.01	1.02	1.06	1.05	1.03	1.03	1.03	1.03	1.04	1.05	1.05	1.00	1.03	1.04	1.04	3.1%	0.2%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	4.28	4.25	3.83	2.59	3.05	2.85	2.57	1.47	1.70	1.76	1.82	1.02	4.79	3.73	2.48	1.57	-22.2%	-33.5%	-36.6%
Previous	4.28	4.25	3.83	2.59	2.89	3.11	2.81	1.59	1.60	1.64	1.75	1.02	4.79	3.73	2.60	1.50	-22.2%	-30.4%	-42.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	5.5%	-8.4%	-8.6%	-7.4%	6.3%	7.5%	3.9%	0.2%	0.0%	0.0%	-4.5%	4.9%			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	8.95	9.54	9.56	9.23	9.01	9.54	9.56	9.25	9.00	9.54	9.62	9.35	9.32	9.32	9.34	9.38	0.0%	0.2%	0.4%
Previous	8.95	9.54	9.56	9.23	8.94	9.51	9.56	9.26	8.99	9.55	9.63	9.37	9.32	9.32	9.32	9.39	0.0%	0.0%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.3%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	0.2%	-0.1%			
U.S. Distillate																			
Current	3.95	3.91	3.87	4.02	4.18	4.07	3.97	4.07	4.14	4.09	4.08	4.21	3.88	3.94	4.07	4.13	1.6%	3.5%	1.3%
Previous	3.95	3.91	3.87	4.02	4.13	4.08	3.98	4.08	4.15	4.09	4.07	4.18	3.88	3.94	4.07	4.12	1.6%	3.3%	1.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	-0.2%	-0.3%	-0.3%	-0.3%	-0.1%	0.4%	0.7%	0.0%	0.0%	0.1%	0.2%			
U.S. Jet Fuel																			
Current	1.60	1.68	1.71	1.73	1.64	1.72	1.72	1.73	1.70	1.72	1.73	1.74	1.61	1.68	1.70	1.72	4.2%	1.0%	1.4%
Previous	1.60	1.68	1.71	1.73	1.63	1.72	1.76	1.73	1.63	1.73	1.78	1.75	1.61	1.68	1.71	1.72	4.2%	1.8%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-2.7%	0.0%	4.6%	-0.6%	-2.9%	-0.2%	0.0%	0.0%	-0.7%	0.1%			
U.S. Hydrocarbon Gas Liquids																			
Current	2.79	2.45	2.33	2.81	3.22	2.69	2.74	3.20	3.29	2.82	2.99	3.35	2.54	2.60	2.96	3.11	2.4%	14.0%	5.2%
Previous	2.79	2.45	2.33	2.81	3.20	2.68	2.75	3.16	3.25	2.82	2.97	3.30	2.54	2.60	2.95	3.08	2.4%	13.4%	4.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	-0.2%	1.2%	1.1%	0.0%	1.0%	1.7%	0.0%	0.0%	0.5%	1.0%			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	19.49	20.03	19.92	20.05	20.24	20.39	20.47	20.53	20.38	20.47	20.89	20.92	19.69	19.88	20.41	20.67	1.0%	2.7%	1.3%
Previous	19.49	20.03	19.92	20.05	20.10	20.33	20.54	20.52	20.28	20.50	20.92	20.87	19.69	19.88	20.38	20.64	1.0%	2.5%	1.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.3%	-0.4%	0.0%	0.5%	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.2%	0.1%			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	537.9	500.4	469.1	421.1	423.4	427.9	417.4	420.5	469.5	471.3	464.3	472.6	484.6	421.1	420.5	472.6	-13.1%	-0.1%	12.4%
Previous	537.9	500.4	469.1	421.1	426.3	429.5	418.6	421.4	470.1	471.9	464.8	473.1	484.6	421.1	421.4	473.1	-13.1%	0.1%	12.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.4%	-0.3%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%			
U.S. Total Gasoline																			
Current	239.0	237.9	223.8	236.7	239.6	237.8	229.3	240.3	243.3	239.7	234.2	246.9	238.6	236.7	240.3	246.9	-0.8%	1.5%	2.7%
Previous	239.0	237.9	223.8	236.7	239.6	235.1	228.4	240.0	243.2	239.3	233.8	246.6	238.6	236.7	240.0	246.6	-0.8%	1.4%	2.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.4%	0.1%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%			
U.S. Distillate Fuel Oil																			
Current	151.1	151.6	137.5	145.6	130.4	119.7	126.4	131.2	121.7	124.5	129.6	134.7	166.1	145.6	131.2	134.7	-12.4%	-9.9%	2.7%
Previous	151.1	151.6	137.5	145.6	129.2	124.8	131.0	135.7	126.2	128.9	133.9	138.9	166.1	145.6	135.7	138.9	-12.4%	-6.8%	2.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.9%	-4.1%	-3.5%	-3.3%	-3.5%	-3.5%	-3.2%	-3.0%	0.0%	0.0%	-3.3%	-3.0%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.doe.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: U.S. Natural Gas

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Supply (billion cubic feet per day)																			
U.S. Total Marketed Production																			
Current	76.32	77.36	79.30	82.72	84.29	87.35	88.22	89.12	90.13	90.25	90.18	90.51	77.81	78.94	87.26	90.27	1.5%	10.5%	3.4%
Previous	76.32	77.36	79.30	82.72	84.16	86.18	87.13	87.94	89.26	89.77	89.78	89.81	77.81	78.94	86.36	89.66	1.5%	9.4%	3.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	1.4%	1.3%	1.3%	1.0%	0.5%	0.4%	0.8%	0.0%	0.0%	1.0%	0.7%			
U.S. Federal GOM Marketed Production																			
Current	3.26	2.99	2.91	2.52	2.58	2.73	2.56	2.60	2.58	2.53	2.42	2.41	3.30	2.92	2.62	2.48	-11.4%	-10.4%	-5.1%
Previous	3.26	2.99	2.91	2.52	2.58	2.68	2.57	2.60	2.58	2.53	2.42	2.41	3.30	2.92	2.60	2.48	-11.4%	-10.8%	-4.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	-0.1%	0.2%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.5%	0.1%			
U.S. Lower 48 ex GOM Marketed Production																			
Current	72.05	73.40	75.56	79.22	80.72	83.78	84.88	85.58	86.54	86.86	86.98	87.16	73.59	75.08	83.76	86.89	2.0%	11.6%	3.7%
Previous	72.05	73.40	75.56	79.22	80.58	82.65	83.79	84.41	85.67	86.38	86.59	86.45	73.59	75.08	82.87	86.28	2.0%	10.4%	4.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	1.4%	1.3%	1.4%	1.0%	0.5%	0.5%	0.8%	0.0%	0.0%	1.1%	0.7%			
U.S. Pipeline Gross Imports																			
Current	8.9	7.8	7.7	8.1	8.7	7.7	7.4	7.8	8.4	7.4	7.6	8.3	8.0	8.1	7.9	7.9	1.9%	-2.6%	0.0%
Previous	8.9	7.8	7.7	8.1	8.6	8.0	7.9	7.8	8.8	7.9	8.1	8.4	8.0	8.1	8.1	8.3	1.8%	-0.6%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.3%	1.2%	-2.8%	-5.6%	-0.5%	-4.6%	-6.9%	-5.7%	-0.9%	0.0%	0.1%	-1.9%	-4.5%			
U.S. LNG Gross Imports																			
Current	0.29	0.18	0.17	0.21	0.33	0.14	0.18	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.23	0.22	-11.5%	7.0%	-5.2%
Previous	0.29	0.18	0.17	0.21	0.33	0.14	0.18	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.23	0.22	-11.5%	6.7%	-4.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%			
U.S. Gross Exports																			
Current	8.87	8.29	8.10	9.45	9.61	9.48	9.97	11.30	13.22	12.49	13.18	15.17	6.38	8.68	10.09	13.52	36.0%	16.3%	34.0%
Previous	8.87	8.29	8.10	9.45	10.12	9.91	9.97	11.26	12.83	11.93	12.78	15.04	6.38	8.68	10.32	13.15	36.0%	18.9%	27.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-5.1%	-4.4%	0.0%	0.4%	3.0%	4.7%	3.1%	0.9%	0.0%	0.0%	-2.2%	2.8%			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	22.17	6.65	3.55	16.26	25.67	8.42	3.66	16.40	24.93	7.55	3.83	16.69	11.87	12.12	13.49	13.20	2.1%	11.3%	-2.1%
Previous	22.17	6.65	3.55	16.26	25.74	8.39	3.60	16.37	24.89	7.33	3.67	16.35	11.87	12.12	13.47	13.01	2.1%	11.2%	-3.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	1.6%	0.1%	0.1%	3.0%	4.4%	2.1%	0.0%	0.0%	0.1%	1.5%			
U.S. Commercial																			
Current	13.50	5.83	4.55	11.01	15.31	6.71	4.60	10.70	14.85	6.31	4.68	10.77	8.48	8.70	9.30	9.13	2.6%	6.9%	-1.9%
Previous	13.50	5.83	4.55	11.01	15.12	6.63	4.59	10.74	14.97	6.17	4.72	10.84	8.48	8.70	9.25	9.15	2.6%	6.2%	-1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	1.1%	0.2%	-0.4%	-0.8%	2.3%	-0.8%	-0.6%	0.0%	0.0%	0.6%	-0.2%			
U.S. Industrial																			
Current	22.96	20.45	20.34	22.85	24.35	20.88	20.39	22.50	23.65	21.21	20.66	22.67	21.10	21.65	22.02	22.04	2.6%	1.7%	0.1%
Previous	22.96	20.45	20.34	22.85	24.04	21.02	20.54	22.63	23.76	21.33	20.77	22.75	21.10	21.65	22.05	22.15	2.6%	1.9%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	-0.7%	-0.7%	-0.6%	-0.5%	-0.5%	-0.5%	-0.4%	0.0%	0.0%	-0.1%	-0.5%			
U.S. Electric Power Sector																			
Current	20.95	24.00	32.28	24.03	24.53	27.14	34.05	25.11	24.11	26.34	34.69	25.34	27.28	25.34	27.73	27.64	-7.1%	9.4%	-0.3%
Previous	20.95	24.00	32.28	24.03	24.26	26.34	33.64	24.85	24.24	26.56	34.67	25.34	27.28	25.34	27.29	27.73	-7.1%	7.7%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	3.0%	1.2%	1.1%	-0.6%	-0.8%	0.0%	0.0%	0.0%	0.0%	1.6%	-0.3%			
U.S. Total Consumption																			
Current	86.15	62.96	66.96	80.94	97.15	69.95	69.54	81.92	95.19	68.49	71.07	83.12	75.10	74.22	79.57	79.41	-1.2%	7.2%	-0.2%
Previous	86.15	62.97	66.97	80.94	96.44	69.12	69.18	81.77	95.49	68.41	71.00	82.89	75.10	74.22	79.06	79.39	-1.2%	6.5%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	1.2%	0.5%	0.2%	-0.3%	0.1%	0.1%	0.3%	0.0%	0.0%	0.6%	0.0%			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	2,063	2,907	3,567	3,032	1,389	2,223	3,189	2,950	1,542	2,528	3,294	2,862	3,297	3,032	2,950	2,862	-8.0%	-2.7%	-3.0%
Previous	2,063	2,907	3,567	3,032	1,381	2,227	3,182	2,936	1,507	2,478	3,259	2,834	3,297	3,032	2,936	2,834	-8.0%	-3.2%	-3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	-0.2%	0.2%	0.5%	2.3%	2.0%	1.1%	1.0%	0.0%	0.0%	0.5%	1.0%			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	0.70	0.16	0.22	-0.84	0.71	-0.77	0.20	-0.42	0.15	0.31	0.98	0.98	-0.66	0.06	-0.07	0.61			
Previous	0.70	0.17	0.22	-0.82	0.60	-0.26	0.17	0.25	0.12	-0.73	0.47	1.17	-0.66	0.06	0.19	0.26			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doe.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: U.S. Electricity

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Electricity Generation, All Sectors (thousand megawatthours per day)																			
U.S. Total Generation																			
Current	10,579	10,690	12,151	10,566	11,107	10,989	12,326	10,543	11,008	10,830	12,422	10,604	11,138	10,999	11,242	11,218	-1.2%	2.2%	-0.2%
Previous	10,579	10,690	12,151	10,566	11,160	10,940	12,329	10,552	11,065	10,925	12,430	10,620	11,138	10,999	11,247	11,262	-1.2%	2.2%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.5%	0.4%	0.0%	-0.1%	-0.5%	-0.9%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.4%			
U.S. Coal																			
Current	3,242	3,100	3,762	3,128	3,127	2,890	3,643	2,983	3,279	2,789	3,526	2,903	3,386	3,309	3,162	3,125	-2.3%	-4.5%	-1.2%
Previous	3,242	3,100	3,762	3,128	3,251	2,996	3,646	3,015	3,367	2,912	3,585	2,982	3,386	3,309	3,228	3,211	-2.3%	-2.5%	-0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.8%	-3.5%	-0.1%	-1.1%	-2.6%	-4.2%	-1.6%	-2.6%	0.0%	0.0%	-2.0%	-2.7%			
U.S. Natural gas																			
Current	2,969	3,286	4,359	3,322	3,442	3,721	4,601	3,516	3,408	3,636	4,702	3,559	3,766	3,487	3,823	3,829	-7.4%	9.6%	0.2%
Previous	2,969	3,286	4,359	3,322	3,408	3,635	4,564	3,495	3,437	3,678	4,712	3,570	3,766	3,487	3,778	3,852	-7.4%	8.3%	2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.0%	2.4%	0.8%	0.6%	-0.8%	-1.1%	-0.2%	-0.3%	0.0%	0.0%	1.2%	-0.6%			
U.S. Petroleum																			
Current	59	54	56	62	101	57	63	56	74	57	64	56	66	58	69	63	-12.6%	19.3%	-9.3%
Previous	59	54	56	62	105	58	63	56	74	58	64	56	66	58	70	63	-12.6%	21.6%	-10.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.7%	-2.7%	0.0%	0.0%	-1.0%	-1.6%	-0.3%	-0.5%	0.0%	0.0%	-1.9%	-0.8%			
U.S. Nuclear																			
Current	2,242	2,034	2,302	2,243	2,294	2,129	2,273	2,146	2,240	2,097	2,272	2,135	2,201	2,205	2,210	2,186	0.2%	0.2%	-1.1%
Previous	2,242	2,034	2,302	2,243	2,293	2,097	2,282	2,154	2,191	2,052	2,222	2,088	2,201	2,205	2,206	2,138	0.2%	0.0%	-3.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	-0.4%	-0.4%	2.2%	2.2%	2.2%	2.2%	0.0%	0.0%	0.2%	2.2%			
U.S. Conventional Hydroelectric																			
Current	918	1,010	717	647	854	920	697	647	760	884	723	644	732	822	779	752	12.3%	-5.3%	-3.4%
Previous	918	1,010	717	647	828	875	723	641	762	873	723	633	732	822	766	747	12.3%	-6.8%	-2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.1%	5.1%	-3.6%	0.9%	-0.3%	1.3%	0.0%	1.7%	0.0%	0.0%	1.6%	0.7%			
U.S. Other Renewables																			
Current	1,090	1,147	898	1,110	1,230	1,208	987	1,136	1,188	1,302	1,074	1,248	933	1,061	1,140	1,203	13.7%	7.4%	5.5%
Previous	1,090	1,147	898	1,110	1,214	1,214	988	1,133	1,174	1,288	1,063	1,232	933	1,061	1,137	1,189	13.7%	7.1%	4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	-0.5%	-0.1%	0.3%	1.2%	1.1%	1.0%	1.3%	0.0%	0.0%	0.3%	1.2%			
U.S. Electricity Sales (million kilowatthours per day)																			
U.S. Residential																			
Current	3,712	3,428	4,458	3,507	4,093	3,537	4,544	3,536	4,077	3,425	4,571	3,552	3,855	3,778	3,928	3,907	-2.0%	4.0%	-0.5%
Previous	3,712	3,428	4,458	3,507	4,092	3,551	4,530	3,527	4,071	3,488	4,563	3,549	3,855	3,778	3,925	3,918	-2.0%	3.9%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.3%	0.3%	0.1%	-1.8%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.3%			
U.S. Commercial																			
Current	3,513	3,637	4,079	3,551	3,592	3,666	4,100	3,558	3,597	3,655	4,125	3,568	3,735	3,696	3,730	3,738	-1.0%	0.9%	0.2%
Previous	3,513	3,637	4,079	3,551	3,604	3,652	4,100	3,558	3,611	3,670	4,132	3,573	3,735	3,696	3,729	3,747	-1.0%	0.9%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	0.0%	0.0%	-0.4%	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%			
U.S. Industrial																			
Current	2,504	2,619	2,722	2,526	2,497	2,682	2,760	2,541	2,517	2,698	2,774	2,555	2,669	2,593	2620.46	2,636	-2.8%	1.1%	0.6%
Previous	2,504	2,619	2,722	2,526	2,535	2,681	2,766	2,548	2,555	2,699	2,779	2,559	2,669	2,593	2,633	2,648	-2.8%	1.5%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	0.0%	-0.2%	-0.2%	-1.5%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.5%	-0.5%			
U.S. Total																			
Current	9,750	9,704	11,280	9,605	10,205	9,905	11,424	9,655	10,213	9,798	11,491	9,695	10,280	10,088	10,299	10,301	-1.9%	2.1%	0.0%
Previous	9,750	9,704	11,280	9,605	10,253	9,904	11,417	9,652	10,259	9,877	11,494	9,700	10,280	10,088	10,308	10,334	-1.9%	2.2%	0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.1%	0.0%	-0.4%	-0.8%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: U.S. Coal and Carbon Dioxide Emissions

Current Forecast: June 12, 2018; Previous Forecast: May 8, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Coal (million short tons)																			
U.S. Production																			
Current	197.0	187.1	196.2	193.8	191.1	181.5	197.0	186.7	191.2	160.4	197.7	188.7	728	774.1	756	738	6.3%	-2.3%	-2.4%
Previous	197.0	187.1	196.2	193.8	191.1	176.9	195.9	187.2	194.3	165.6	200.0	191.9	728	774	751	752	6.3%	-3.0%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.5%	-0.3%	-1.6%	-3.2%	-1.1%	-1.7%	0.0%	0.0%	0.7%	-1.8%			
U.S. Exports																			
Current	22.3	21.8	24.6	28.2	27.2	25.0	21.1	19.5	21.9	20.9	21.6	21.6	60.3	97.0	92.8	86.0	60.9%	-4.3%	-7.3%
Previous	22.3	21.8	24.6	28.2	26.1	22.8	20.3	18.8	21.4	20.7	21.3	21.2	60.3	97.0	88.1	84.6	60.9%	-9.1%	-3.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	4.1%	9.4%	3.8%	3.6%	2.3%	1.2%	1.4%	1.8%	0.0%	0.0%	5.3%	1.7%			
U.S. Imports																			
Current	1.9	2.2	2.3	1.4	1.4	1.8	2.6	2.4	1.4	2.3	2.9	2.6	9.8	7.8	8.2	9.3	-21.0%	5.8%	12.8%
Previous	1.9	2.2	2.3	1.4	1.5	2.0	2.7	2.4	1.4	2.3	2.9	2.6	9.8	7.8	8.6	9.3	-21.0%	11.2%	7.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-9.0%	-9.6%	-2.4%	-0.9%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	-4.8%	-0.1%			
U.S. Electric Power Demand																			
Current	160.3	154.2	190.6	159.6	155.0	141.8	181.9	150.5	158.3	136.6	176.3	146.8	679	665	629	618	-2.0%	-5.3%	-1.8%
Previous	160.3	154.2	190.6	159.6	160.3	146.2	181.6	151.8	161.8	142.0	178.7	150.3	679	665	640	633	-2.0%	-3.7%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.3%	-3.0%	0.2%	-0.8%	-2.1%	-3.8%	-1.3%	-2.3%	0.0%	0.0%	-1.7%	-2.3%			
U.S. Secondary Stocks																			
Current	166.6	163.0	144.8	142.4	131.4	128.4	116.5	124.3	123.1	120.9	115.4	124.5	167.7	142.4	124.3	124.5	-15.1%	-12.7%	0.2%
Previous	166.6	163.0	144.8	142.4	130.9	129.3	117.4	125.1	123.8	121.4	115.9	125.0	167.7	142.4	125.1	125.0	-15.1%	-12.1%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	-0.7%	-0.8%	-0.7%	-0.6%	-0.4%	-0.4%	-0.4%	0.0%	0.0%	-0.7%	-0.4%			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	565.0	587.7	593.3	592.4	575.2	585.7	597.6	594.2	580.2	591.5	605.2	602.9	2,327	2,338	2,353	2,380	0.5%	0.6%	1.1%
Previous	565.0	587.7	593.3	592.4	575.8	588.1	600.3	594.8	578.2	592.6	607.1	602.4	2,327	2,338	2,359	2,380	0.5%	0.9%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.4%	-0.1%	0.3%	-0.2%	-0.3%	0.1%	0.0%	0.0%	-0.3%	0.0%			
Coal																			
Current	319.2	307.2	374.5	317.4	309.8	283.2	358.9	305.4	317.6	273.8	349.0	299.2	1354.2	1318.3	1257.3	1239.7	-2.6%	-4.6%	-1.4%
Previous	319.2	307.2	374.5	317.4	317.9	291.4	358.8	307.9	321.9	283.9	353.6	305.6	1354.2	1318.3	1276.0	1265.0	-2.6%	-3.2%	-0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.6%	-2.8%	0.0%	-0.8%	-1.4%	-3.6%	-1.3%	-2.1%	0.0%	0.0%	-1.5%	-2.0%			
Natural Gas																			
Current	421.9	311.0	334.4	404.8	473.5	345.5	347.4	409.8	466.4	338.3	355.0	415.8	1494.5	1472.1	1576.2	1575.5	-1.5%	7.1%	0.0%
Previous	421.9	311.0	334.4	404.8	470.0	341.4	345.6	409.0	467.8	337.8	354.7	414.6	1494.5	1472.1	1566.0	1575.0	-1.5%	6.4%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	1.2%	0.5%	0.2%	-0.3%	0.1%	0.1%	0.3%	0.0%	0.0%	0.6%	0.0%			
Total Fossil Fuel																			
Current	1306.0	1205.9	1302.2	1314.7	1358.5	1214.4	1303.9	1309.4	1364.2	1203.6	1309.2	1317.9	5,176	5,129	5,186	5,195	-0.9%	1.1%	0.2%
Previous	1306.0	1205.9	1302.2	1314.6	1363.8	1220.9	1304.6	1311.7	1367.9	1214.3	1315.3	1322.6	5,176	5,129	5,201	5,220	-0.9%	1.4%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.5%	0.0%	-0.2%	-0.3%	-0.9%	-0.5%	-0.4%	0.0%	0.0%	-0.3%	-0.5%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: U.S. Renewable Energy Consumption and Capacity

Current Forecast: May 8, 2018; Previous Forecast: April 10, 2018

	2017				2018				2019				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018	2019	2016-2017	2017-2018	2018-2019
U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)																			
U.S. Wind Power																			
Current	0.644	0.634	0.429	0.660	0.727	0.664	0.475	0.669	0.692	0.710	0.509	0.730	2.113	2.367	2.534	2.641	12.0%	7.0%	4.2%
Previous	0.644	0.634	0.429	0.660	0.711	0.665	0.476	0.666	0.681	0.701	0.503	0.718	2.113	2.367	2.517	2.603	12.0%	6.3%	3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	2.2%	-0.2%	-0.1%	0.5%	1.5%	1.3%	1.3%	1.6%	0.0%	0.0%	0.7%	1.4%			
U.S. Wood Biomass																			
Current	0.534	0.524	0.543	0.543	0.546	0.534	0.551	0.545	0.534	0.529	0.552	0.548	2.131	2.145	2.175	2.164	0.6%	1.4%	-0.5%
Previous	0.534	0.524	0.543	0.543	0.545	0.532	0.551	0.545	0.535	0.530	0.553	0.548	2.131	2.145	2.173	2.166	0.6%	1.3%	-0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%			
U.S. Solar Power																			
Current	0.138	0.240	0.235	0.161	0.184	0.278	0.279	0.188	0.196	0.329	0.338	0.234	0.569	0.774	0.928	1.095	36.2%	19.9%	18.0%
Previous	0.138	0.240	0.235	0.161	0.181	0.282	0.282	0.190	0.197	0.329	0.338	0.235	0.569	0.774	0.935	1.098	36.2%	20.7%	17.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	-1.4%	-0.9%	-1.3%	-0.5%	0.0%	-0.1%	-0.6%	0.0%	0.0%	-0.7%	-0.3%			
U.S. Ethanol																			
Current	0.281	0.301	0.304	0.302	0.283	0.308	0.312	0.302	0.287	0.309	0.313	0.307	1.182	1.189	1.205	1.215	0.6%	1.4%	0.9%
Previous	0.281	0.301	0.304	0.302	0.281	0.306	0.312	0.302	0.286	0.309	0.314	0.307	1.182	1.189	1.201	1.216	0.6%	1.0%	1.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.8%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	-0.2%	0.0%	0.0%	0.4%	-0.1%			
U.S. Biodiesel																			
Current	0.054	0.079	0.080	0.066	0.057	0.080	0.092	0.095	0.069	0.088	0.100	0.104	0.291	0.279	0.323	0.361	-4.2%	16.0%	11.6%
Previous	0.054	0.079	0.080	0.066	0.058	0.081	0.092	0.095	0.069	0.088	0.100	0.104	0.291	0.279	0.326	0.361	-4.2%	17.0%	10.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.9%	-1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.9%	0.0%			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	82,915	83,374	84,105	87,491	88,522	89,210	89,930	94,138	95,013	95,585	96,744	104,296	81,198	87,491	94,138	104,296	7.8%	7.6%	10.8%
Previous	82,915	83,374	84,105	87,485	88,679	89,248	89,928	92,970	93,791	94,364	95,372	102,884	81,198	87,485	92,970	102,884	7.7%	6.3%	10.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	1.3%	1.3%	1.3%	1.4%	1.4%	0.0%	0.0%	1.3%	1.4%			
Wood Biomass																			
Current	3,031	3,031	3,085	3,079	3,079	3,079	3,079	3,079	3,238	3,238	3,238	3,238	3,166	3,079	3,079	3,238	-2.7%	0.0%	5.1%
Previous	3,031	3,031	3,085	3,079	3,079	3,079	3,079	3,079	3,238	3,238	3,238	3,238	3,166	3,079	3,079	3,238	-2.7%	0.0%	5.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Solar Power																			
Current	22,593	23,626	24,140	26,503	27,806	28,826	29,365	31,749	33,455	35,312	36,602	43,308	21,631	26,503	31,749	43,308	22.5%	19.8%	36.4%
Previous	22,585	23,613	24,116	26,407	27,713	28,727	29,208	31,453	32,860	34,753	36,043	42,494	21,631	26,407	31,453	42,494	22.1%	19.1%	35.1%
Percent Change	0.0%	0.1%	0.1%	0.4%	0.3%	0.3%	0.5%	0.9%	1.8%	1.6%	1.6%	1.9%	0.0%	0.4%	0.9%	1.9%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/forecasts/steo/>)