

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

Current Forecast: April 10, 2018; Previous Forecast: March 6, 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	8.99	9.10	9.29	9.89	10.15	10.55	10.78	11.27	11.46	11.46	11.33	11.52	8.86	9.32	10.69	11.44	5.2%	14.7%	7.0%
Previous	8.99	9.10	9.29	9.89	10.25	10.58	10.79	11.17	11.30	11.30	11.14	11.34	8.86	9.32	10.70	11.27	5.2%	14.8%	5.3%
Percent Change	0.0%	0.0%	0.0%	0.1%	-1.0%	-0.2%	-0.1%	0.9%	1.4%	1.5%	1.6%	1.6%	0.0%	0.0%	-0.1%	1.5%			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	71.27	72.04	73.98	76.94	78.32	80.62	82.17	83.14	83.14	82.79	82.54	82.70	72.85	73.57	81.08	82.79	1.0%	10.2%	2.1%
Previous	71.28	72.09	74.01	76.95	80.33	81.57	82.36	82.52	82.59	82.48	82.59	83.00	72.85	73.60	81.70	82.67	1.0%	11.0%	1.2%
Percent Change	0.0%	-0.1%	0.0%	0.0%	-2.5%	-1.2%	-0.2%	0.8%	0.7%	0.4%	-0.1%	-0.4%	0.0%	0.0%	-0.8%	0.2%			
U.S. Coal Production (million short tons)																			
Current	197.0	187.1	196.2	193.8	191.1	165.6	193.7	187.9	194.4	165.5	198.4	189.8	728.4	774.1	738.3	748.1	6.3%	-4.6%	1.3%
Previous	197.0	187.1	196.2	192.0	187.1	165.2	194.7	189.2	192.5	160.5	203.7	187.9	728.4	772.3	736.3	744.6	6.0%	-4.7%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.9%	2.1%	0.2%	-0.5%	-0.7%	1.0%	3.1%	-2.6%	1.0%	0.0%	0.2%	0.3%	0.5%			
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	20.19	20.24	20.61	20.49	20.32	20.64	20.99	20.85	19.69	19.88	20.38	20.70	1.0%	2.5%	1.6%
Previous	19.49	20.03	19.92	20.05	20.04	20.24	20.69	20.41	20.37	20.67	21.03	20.74	19.69	19.88	20.35	20.71	1.0%	2.4%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	-0.4%	0.4%	-0.3%	-0.1%	-0.2%	0.5%	0.0%	0.0%	0.2%	0.0%			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	86.15	62.97	66.97	80.94	95.34	67.62	69.77	81.32	95.75	68.45	70.84	81.94	75.10	74.22	78.45	79.18	-1.2%	5.7%	0.9%
Previous	86.15	62.96	66.97	80.93	94.38	67.64	69.87	81.12	95.90	69.01	70.53	82.25	75.10	74.22	78.19	79.36	-1.2%	5.4%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	-0.1%	0.2%	-0.2%	-0.8%	0.4%	-0.4%	0.0%	0.0%	0.3%	-0.2%			
U.S. Electricity Retail Sales (million kilowatthours per day)																			
Current	9,750	9,704	11,280	9,605	10,279	9,865	11,446	9,644	10,288	9,902	11,507	9,693	10,280	10,088	10,310	10,349	-1.9%	2.2%	0.4%
Previous	9,750	9,704	11,280	9,605	10,242	9,857	11,462	9,647	10,292	9,905	11,543	9,706	10,280	10,088	10,303	10,363	-1.9%	2.1%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	25.06	23.26	24.37	25.13	25.57	23.20	24.46	24.79	25.92	23.51	24.71	25.00	97.56	97.83	98.02	99.14	0.3%	0.2%	1.1%
Previous	25.12	23.28	24.44	24.99	25.58	23.23	24.53	24.76	25.94	23.50	24.80	24.94	97.58	97.83	98.10	99.18	0.2%	0.3%	1.1%
Percent Change	-0.2%	-0.1%	-0.3%	0.6%	0.0%	-0.1%	-0.3%	0.1%	-0.1%	0.0%	-0.4%	0.2%	0.0%	0.0%	-0.1%	0.0%			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2009 dollars)																			
Current	16,903	17,031	17,164	17,272	17,347	17,481	17,619	17,753	17,875	17,986	18,085	18,186	16,716	17,092	17,550	18,033	2.3%	2.7%	2.8%
Previous	16,903	17,031	17,164	17,272	17,369	17,489	17,605	17,723	17,836	17,951	18,056	18,157	16,716	17,093	17,546	18,000	2.3%	2.7%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.2%			
U.S. Manufacturing Production Index (index 2012 = 100)																			
Current	103.7	104.5	104.0	105.7	106.1	106.6	107.3	108.2	109.0	109.6	110.1	110.7	102.8	104.5	107.1	109.9	1.6%	2.5%	2.6%
Previous	103.7	104.5	104.0	105.9	106.5	106.9	107.5	108.6	109.5	110.3	110.9	111.6	102.8	104.5	107.4	110.6	1.7%	2.7%	3.0%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-0.4%	-0.3%	-0.2%	-0.4%	-0.5%	-0.6%	-0.7%	-0.7%	0.0%	0.0%	-0.3%	-0.6%			
U.S. Heating Degree Days																			
Current	1,858	427	65	1,481	2,108	472	74	1,529	2,121	491	74	1,527	3,879	3,832	4,182	4,213	-1.2%	9.2%	0.7%
Previous	1,858	428	65	1,481	2,054	490	75	1,526	2,114	499	75	1,524	3,879	3,831	4,145	4,212	-1.2%	8.2%	1.6%
Percent Change	0.0%	-0.2%	0.1%	0.0%	2.6%	-3.8%	-1.1%	0.2%	0.3%	-1.5%	-1.1%	0.2%	0.0%	0.0%	0.9%	0.0%			
U.S. Cooling Degree Days																			
Current	70	403	838	114	49	407	846	91	42	396	847	91	1,558	1,425	1,393	1,377	-8.5%	-2.3%	-1.1%
Previous	70	402	838	114	51	401	848	91	43	392	850	92	1,558	1,424	1,392	1,376	-8.6%	-2.2%	-1.2%
Percent Change	-0.2%	0.1%	0.1%	0.0%	-4.3%	1.5%	-0.3%	-1.0%	-0.9%	1.2%	-0.3%	-1.0%	0.0%	0.0%	0.0%	0.1%			

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

STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: April 10, 2018; Previous Forecast: March 6, 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	60.33	57.33	57.00	57.00	57.66	59.00	61.00	43.33	50.79	59.37	58.68	17.2%	16.9%	-1.2%
Previous	51.64	48.15	48.16	55.27	62.46	58.33	56.00	56.00	56.00	56.66	58.00	59.33	43.33	50.79	58.17	57.51	17.2%	14.5%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	3.4%	2.4%	1.8%	1.8%	1.8%	1.7%	2.8%	0.0%	0.0%	2.1%	2.0%			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	49.91	47.66	48.32	56.79	61.91	59.31	56.34	56.00	56.00	56.68	58.00	60.00	40.69	50.68	58.35	57.68	24.5%	15.1%	-1.1%
Previous	49.91	47.66	48.32	56.67	61.48	57.31	55.00	55.00	55.00	55.88	57.00	58.34	40.69	50.65	57.15	56.52	24.5%	12.8%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.2%	0.7%	3.5%	2.4%	1.8%	1.8%	1.8%	1.8%	2.8%	0.0%	0.1%	2.1%	2.1%			
Brent spot average (\$/barrel)																			
Current	53.57	49.59	52.09	61.42	66.84	64.33	61.33	61.00	61.00	61.66	63.00	65.00	43.74	54.15	63.36	62.68	23.8%	17.0%	-1.1%
Previous	53.57	49.59	52.09	61.42	66.30	62.33	60.00	60.00	60.00	60.66	62.00	63.33	43.74	54.15	62.13	61.51	23.8%	14.7%	-1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	3.2%	2.2%	1.7%	1.7%	1.6%	1.6%	2.6%	0.0%	0.0%	2.0%	1.9%			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	2.33	2.38	2.44	2.51	2.58	2.78	2.70	2.52	2.47	2.68	2.68	2.58	2.15	2.42	2.64	2.61	12.5%	9.4%	-1.4%
Previous	2.33	2.38	2.44	2.51	2.59	2.70	2.63	2.49	2.45	2.66	2.66	2.54	2.15	2.42	2.60	2.58	12.5%	7.7%	-0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.6%	3.0%	2.6%	1.1%	1.0%	0.8%	0.9%	1.5%	0.0%	0.0%	1.6%	1.1%			
Diesel, retail including taxes (\$/gallon)																			
Current	2.57	2.55	2.63	2.87	3.02	2.94	2.90	2.90	2.83	2.86	2.92	2.98	2.31	2.65	2.94	2.90	14.8%	10.6%	-1.3%
Previous	2.57	2.55	2.63	2.87	3.01	2.89	2.85	2.86	2.80	2.83	2.88	2.93	2.31	2.65	2.90	2.86	14.8%	9.3%	-1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	1.5%	1.7%	1.4%	1.0%	1.1%	1.2%	1.8%	0.0%	0.0%	1.2%	1.3%			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	2.47	2.38	2.34	2.65	2.87	2.80	2.77	2.82	2.87	2.74	2.78	2.90	2.10	2.51	2.84	2.85	19.2%	13.2%	0.4%
Previous	2.47	2.38	2.34	2.65	2.85	2.75	2.72	2.78	2.84	2.72	2.75	2.85	2.10	2.51	2.80	2.82	19.2%	11.8%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	1.8%	1.7%	1.4%	1.0%	1.0%	1.2%	1.7%	0.0%	0.0%	1.3%	1.2%			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	3.01	3.08	2.95	2.90	3.01	2.82	3.01	3.11	3.24	2.97	3.02	3.06	2.51	2.99	2.99	3.07	18.8%	0.0%	2.9%
Previous	3.01	3.08	2.95	2.90	3.02	2.81	3.01	3.10	3.21	2.97	3.03	3.07	2.51	2.99	2.99	3.07	18.8%	0.0%	2.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.2%	0.9%	0.0%	-0.4%	-0.5%	0.0%	0.0%	0.0%	0.0%			
Residential Retail (\$ per thousand cubic feet)																			
Current	9.73	13.00	17.74	10.19	9.25	11.83	16.60	10.69	9.82	12.37	16.82	10.73	10.04	10.92	10.55	10.95	8.8%	-3.4%	3.8%
Previous	9.73	13.00	17.74	10.19	9.34	11.97	16.68	10.74	9.83	12.35	16.79	10.70	10.04	10.92	10.66	10.94	8.8%	-2.4%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.0%	-1.1%	-0.5%	-0.5%	-0.1%	0.2%	0.2%	0.2%	0.0%	0.0%	-1.0%	0.1%			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	2.08	2.12	2.07	2.04	2.15	2.21	2.21	2.19	2.22	2.20	2.22	2.19	2.11	2.08	2.19	2.21	-1.8%	5.6%	0.8%
Previous	2.08	2.12	2.07	2.04	2.20	2.20	2.21	2.19	2.21	2.19	2.22	2.18	2.11	2.08	2.20	2.20	-1.8%	6.1%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.6%	0.4%	0.2%	0.2%	0.3%	0.5%	0.0%	0.4%	0.0%	0.0%	-0.5%	0.3%			
Natural Gas																			
Current	3.69	3.38	3.19	3.39	4.05	3.12	3.26	3.57	3.85	3.24	3.25	3.50	2.87	3.39	3.47	3.43	17.8%	2.4%	-1.0%
Previous	3.69	3.38	3.19	3.39	3.82	3.10	3.26	3.57	3.82	3.21	3.28	3.51	2.87	3.39	3.41	3.43	17.8%	0.8%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	5.9%	0.7%	0.0%	0.0%	0.8%	0.7%	-1.1%	-0.3%	0.0%	0.0%	1.6%	-0.1%			
Residual Fuel Oil																			
Current	11.16	10.60	10.03	11.93	12.90	12.99	11.93	11.45	11.66	12.31	11.86	11.89	8.46	10.97	12.42	11.90	29.6%	13.3%	-4.2%
Previous	11.16	10.60	10.03	10.95	12.26	12.73	11.63	11.25	11.49	12.14	11.68	11.64	8.46	10.68	12.00	11.71	26.3%	12.3%	-2.4%
Percent Change	0.0%	0.0%	0.0%	8.9%	5.2%	2.0%	2.6%	1.8%	1.5%	1.4%	1.5%	2.2%	0.0%	2.7%	3.6%	1.7%			
U.S. Residential Retail Electricity (cents per kilowatthour)																			
Current	12.59	12.99	13.19	12.75	12.73	13.32	13.51	13.17	13.23	13.82	13.92	13.47	12.55	12.90	13.19	13.62	2.8%	2.3%	3.3%
Previous	12.59	12.99	13.19	12.75	12.71	13.29	13.48	13.15	13.18	13.77	13.87	13.44	12.55	12.90	13.17	13.57	2.8%	2.1%	3.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.2%	0.1%	0.4%	0.4%	0.4%	0.2%	0.0%	0.0%	0.2%	0.3%			

Prices are not adjusted for inflation.

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

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

Current Forecast: April 10, 2018; Previous Forecast: March 6, 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	26.91	27.09	28.07	28.39	29.56	29.95	30.80	30.90	31.07	30.91	31.32	26.54	27.30	29.68	31.05	2.9%	8.7%	4.6%
Previous	27.11	26.92	27.08	28.05	28.65	29.53	29.92	30.64	30.64	30.83	30.69	31.12	26.54	27.29	29.69	30.82	2.8%	8.8%	3.8%
Percent Change	0.0%	0.0%	0.0%	0.1%	-0.9%	0.1%	0.1%	0.5%	0.8%	0.8%	0.7%	0.6%	0.0%	0.0%	0.0%	0.7%			
OPEC (Organization of the Petroleum Exporting Countries) Supply																			
Current	38.84	39.32	39.68	39.28	39.29	39.09	39.32	39.29	39.18	39.36	39.70	39.82	39.23	39.28	39.24	39.52	0.1%	-0.1%	0.7%
Previous	38.84	39.32	39.68	39.29	39.25	39.27	39.58	39.64	39.56	39.74	40.08	40.19	39.23	39.28	39.44	39.89	0.1%	0.4%	1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	-0.5%	-0.7%	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	0.0%	0.0%	-0.5%	-0.9%			
Non-OPEC Supply																			
Current	58.26	58.33	58.69	59.38	59.49	61.17	61.82	62.39	62.11	62.76	62.92	63.00	57.97	58.67	61.23	62.70	1.2%	4.4%	2.4%
Previous	58.26	58.34	58.68	59.37	59.68	61.12	61.81	62.08	61.73	62.44	62.63	62.66	57.97	58.67	61.18	62.37	1.2%	4.3%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.5%	0.6%	0.5%	0.5%	0.6%	0.0%	0.0%	0.1%	0.5%			
Total World Supply																			
Current	97.10	97.65	98.37	98.65	98.78	100.26	101.13	101.67	101.29	102.12	102.62	102.82	97.20	97.95	100.47	102.22	0.8%	2.6%	1.7%
Previous	97.10	97.66	98.36	98.65	98.93	100.39	101.39	101.72	101.28	102.18	102.71	102.85	97.21	97.95	100.62	102.26	0.8%	2.7%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	46.79	46.92	47.46	47.69	47.54	46.97	48.11	48.23	47.90	47.45	48.63	48.70	46.75	47.22	47.72	48.17	1.0%	1.1%	1.0%
Previous	46.79	46.90	47.44	47.66	47.38	46.85	48.08	48.05	47.78	47.29	48.46	48.39	46.74	47.20	47.59	47.99	1.0%	0.8%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.1%	0.3%	0.3%	0.1%	0.4%	0.2%	0.3%	0.3%	0.6%	0.0%	0.0%	0.3%	0.4%			
Non-OECD Consumption																			
Current	50.79	51.46	51.47	51.46	52.08	52.79	52.74	52.74	53.46	54.17	54.12	54.17	50.12	51.30	52.59	53.98	2.3%	2.5%	2.6%
Previous	50.79	51.46	51.47	51.46	52.12	52.80	52.74	52.75	53.42	54.13	54.08	54.13	50.12	51.30	52.61	53.94	2.3%	2.6%	2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%			
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	97.58	98.38	98.93	99.15	99.62	99.76	100.85	100.98	101.36	101.62	102.75	102.87	96.87	98.52	100.31	102.16	1.7%	1.8%	1.8%
Previous	97.58	98.37	98.92	99.12	99.50	99.65	100.82	100.80	101.20	101.42	102.54	102.52	96.87	98.50	100.20	101.92	1.7%	1.7%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.2%	0.2%	0.2%	0.3%	0.0%	0.0%	0.1%	0.2%			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	3,012	3,001	2,954	2,838	2,784	2,835	2,861	2,864	2,875	2,913	2,920	2,898	2,985	2,838	2,864	2,898	-4.9%	0.9%	1.2%
Previous	3,011	3,000	2,954	2,859	2,831	2,886	2,916	2,925	2,947	3,004	3,019	3,009	2,968	2,859	2,925	3,009	-3.7%	2.3%	2.9%
Percent Change	0.0%	0.0%	0.0%	-0.7%	-1.7%	-1.8%	-1.9%	-2.1%	-2.5%	-3.0%	-3.3%	-3.7%	0.6%	-0.7%	-2.1%	-3.7%			
OPEC Surplus Production Capacity and World Macroeconomic																			
OPEC Surplus Crude Oil Production Capacity (million barrels per day)																			
Current	2.19	2.13	1.95	2.11	1.95	2.07	1.76	1.67	1.45	1.40	1.24	1.27	1.15	2.09	1.86	1.34	82.7%	-11.2%	-28.1%
Previous	2.19	2.13	1.95	2.12	2.06	2.05	1.73	1.64	1.45	1.40	1.24	1.27	1.15	2.10	1.87	1.34	82.9%	-10.9%	-28.4%
Percent Change	0.0%	0.0%	0.0%	-0.5%	-5.2%	0.7%	1.7%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	0.0%			
World Oil-Consumption-Weighted GDP Growth (annualized percent change)																			
Current	3.59	2.89	3.10	3.10	3.42	3.42	3.40	3.47	3.43	3.35	3.28	3.13	2.76	3.17	3.43	3.30			
Previous	3.58	2.89	3.08	3.07	3.45	3.40	3.38	3.44	3.36	3.32	3.27	3.11	2.75	3.15	3.41	3.27			

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: April 10, 2018; Previous Forecast: March 6, 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	8.99	9.10	9.29	9.89	10.15	10.55	10.78	11.27	11.46	11.46	11.33	11.52	8.86	9.32	10.69	11.44	5.2%	14.7%	7.0%
Previous	8.99	9.10	9.29	9.89	10.25	10.58	10.79	11.17	11.30	11.30	11.14	11.34	8.86	9.32	10.70	11.27	5.2%	14.8%	5.3%
Percent Change	0.0%	0.0%	0.0%	0.1%	-1.0%	-0.2%	-0.1%	0.9%	1.4%	1.5%	1.6%	1.6%	0.0%	0.0%	-0.1%	1.5%			
U.S. Natural Gas Plant Liquids Production																			
Current	3.54	3.70	3.72	3.99	3.95	4.27	4.45	4.55	4.51	4.66	4.69	4.70	3.51	3.74	4.31	4.64	6.5%	15.3%	7.7%
Previous	3.54	3.70	3.72	3.99	3.95	4.25	4.45	4.53	4.46	4.63	4.70	4.74	3.51	3.74	4.30	4.63	6.5%	15.0%	7.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	0.0%	0.5%	1.1%	0.6%	-0.3%	-0.9%	0.0%	0.0%	0.3%	0.1%			
U.S. Ethanol Production																			
Current	1.04	1.01	1.02	1.06	1.04	1.02	1.03	1.03	1.04	1.05	1.05	1.05	1.00	1.03	1.03	1.05	3.1%	-0.2%	1.5%
Previous	1.04	1.01	1.02	1.06	1.03	1.04	1.05	1.04	1.04	1.05	1.06	1.05	1.00	1.03	1.04	1.05	3.1%	0.8%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	-2.0%	-1.5%	-1.5%	-0.5%	-0.5%	-0.5%	-0.6%	0.0%	0.0%	-1.1%	-0.5%			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	4.28	4.25	3.83	2.59	3.01	3.23	2.80	1.56	1.80	2.03	2.25	1.50	4.79	3.73	2.64	1.90	-22.2%	-29.1%	-28.3%
Previous	4.28	4.25	3.83	2.59	3.16	3.14	2.81	1.58	2.17	2.44	2.44	1.54	4.79	3.73	2.67	2.15	-22.2%	-28.5%	-19.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-4.9%	2.7%	-0.4%	-1.0%	-17.2%	-16.6%	-7.9%	-3.0%	0.0%	0.0%	-0.9%	-11.8%			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	8.95	9.54	9.56	9.23	8.99	9.52	9.61	9.26	9.00	9.58	9.66	9.34	9.32	9.32	9.35	9.40	0.0%	0.3%	0.5%
Previous	8.95	9.54	9.56	9.23	8.98	9.53	9.61	9.26	9.00	9.57	9.66	9.34	9.32	9.32	9.35	9.39	0.0%	0.3%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
U.S. Distillate																			
Current	3.95	3.91	3.87	4.02	4.13	4.02	3.97	4.08	4.15	4.11	4.08	4.18	3.88	3.94	4.05	4.13	1.6%	2.8%	2.0%
Previous	3.95	3.91	3.87	4.02	4.09	4.00	3.95	4.07	4.16	4.05	4.02	4.14	3.88	3.94	4.03	4.09	1.6%	2.3%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.6%	0.6%	0.0%	-0.2%	1.6%	1.4%	1.1%	0.0%	0.0%	0.5%	1.0%			
U.S. Jet Fuel																			
Current	1.60	1.68	1.71	1.73	1.64	1.70	1.76	1.73	1.63	1.73	1.78	1.75	1.61	1.68	1.71	1.72	4.2%	1.6%	0.8%
Previous	1.60	1.68	1.71	1.73	1.66	1.72	1.78	1.67	1.60	1.74	1.80	1.69	1.61	1.68	1.71	1.71	4.2%	1.5%	0.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.0%	-0.9%	-1.0%	3.6%	1.9%	-0.4%	-1.2%	3.7%	0.0%	0.0%	0.1%	0.9%			
U.S. Hydrocarbon Gas Liquids																			
Current	2.79	2.45	2.33	2.81	3.18	2.68	2.80	3.16	3.29	2.92	3.02	3.31	2.54	2.60	2.96	3.13	2.4%	13.8%	6.1%
Previous	2.79	2.45	2.33	2.81	3.07	2.67	2.88	3.14	3.36	3.01	3.09	3.30	2.54	2.60	2.94	3.19	2.4%	13.2%	8.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.5%	0.3%	-2.6%	0.8%	-2.2%	-2.8%	-2.3%	0.3%	0.0%	0.0%	0.5%	-1.7%			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	19.49	20.03	19.92	20.05	20.19	20.24	20.61	20.49	20.32	20.64	20.99	20.85	19.69	19.88	20.38	20.70	1.0%	2.5%	1.6%
Previous	19.49	20.03	19.92	20.05	20.04	20.24	20.69	20.41	20.37	20.67	21.03	20.74	19.69	19.88	20.35	20.71	1.0%	2.4%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	-0.4%	0.4%	-0.3%	-0.1%	-0.2%	0.5%	0.0%	0.0%	0.2%	0.0%			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	537.9	500.4	469.1	421.1	426.4	426.9	416.8	420.1	459.2	445.0	430.1	432.4	484.6	421.1	420.1	432.4	-13.1%	-0.2%	2.9%
Previous	537.9	500.4	469.1	421.1	443.5	439.0	425.3	427.5	473.0	477.1	461.7	463.5	484.6	421.1	427.5	463.5	-13.1%	1.5%	8.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.9%	-2.7%	-2.0%	-1.7%	-2.9%	-6.7%	-6.8%	-6.7%	0.0%	0.0%	-1.7%	-6.7%			
U.S. Total Gasoline																			
Current	239.0	237.9	223.8	236.7	237.8	233.4	228.0	241.9	243.5	238.8	233.5	246.9	238.6	236.7	241.9	246.9	-0.8%	2.2%	2.1%
Previous	239.0	237.9	223.8	236.7	241.4	234.0	228.1	241.9	243.4	239.2	233.7	246.9	238.6	236.7	241.9	246.9	-0.8%	2.2%	2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	-0.3%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
U.S. Distillate Fuel Oil																			
Current	151.1	151.6	137.5	145.6	129.2	135.7	141.8	146.4	136.8	139.7	144.7	149.7	166.1	145.6	146.4	149.7	-12.4%	0.6%	2.3%
Previous	151.1	151.6	137.5	145.6	133.4	138.5	144.4	148.7	139.0	141.9	146.7	151.4	166.1	145.6	148.7	151.4	-12.4%	2.1%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.1%	-2.0%	-1.8%	-1.5%	-1.6%	-1.6%	-1.4%	-1.1%	0.0%	0.0%	-1.5%	-1.1%			

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: April 10, 2018; Previous Forecast: March 6, 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	82.68	83.97	86.51	88.22	89.32	89.37	89.05	88.84	89.06	77.81	78.93	87.03	89.08	1.4%	10.3%	2.4%
Previous	76.32	77.36	79.30	82.64	86.28	87.66	88.55	88.78	88.91	88.84	89.01	89.51	77.81	78.92	87.83	89.07	1.4%	11.3%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.7%	-1.3%	-0.4%	0.6%	0.5%	0.2%	-0.2%	-0.5%	0.0%	0.0%	-0.9%	0.0%			
U.S. Federal GOM Marketed Production																			
Current	3.26	2.99	2.91	2.51	2.56	2.65	2.53	2.56	2.55	2.50	2.39	2.38	3.30	2.92	2.58	2.45	-11.5%	-11.7%	-4.8%
Previous	3.26	2.99	2.91	2.50	3.45	3.33	3.21	3.22	3.45	3.28	3.16	3.17	3.30	2.91	3.30	3.27	-11.6%	13.3%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.5%	-26.0%	-20.3%	-21.2%	-20.4%	-26.0%	-23.9%	-24.6%	-24.9%	0.0%	0.1%	-22.0%	-24.9%			
U.S. Lower 48 ex GOM Marketed Production																			
Current	72.05	73.40	75.56	79.19	80.40	83.01	84.92	85.83	85.81	85.70	85.67	85.74	73.59	75.07	83.56	85.73	2.0%	11.3%	2.6%
Previous	72.05	73.40	75.56	79.17	81.82	83.48	84.57	84.63	84.45	84.70	85.07	85.40	73.59	75.06	83.63	84.91	2.0%	11.4%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.7%	-0.6%	0.4%	1.4%	1.6%	1.2%	0.7%	0.4%	0.0%	0.0%	-0.1%	1.0%			
U.S. Pipeline Gross Imports																			
Current	8.9	7.8	7.7	8.1	8.8	7.8	7.8	7.8	8.8	8.0	8.1	8.4	8.0	8.1	8.1	8.3	1.8%	-0.7%	3.0%
Previous	8.9	7.8	7.7	8.1	8.5	7.6	7.6	7.6	8.7	8.1	8.0	8.3	8.0	8.1	7.8	8.3	1.8%	-3.6%	5.6%
Percent Change	0.0%	0.0%	0.0%	0.1%	3.2%	2.9%	3.6%	2.1%	0.9%	-1.4%	1.0%	1.0%	0.0%	0.0%	3.0%	0.4%			
U.S. LNG Gross Imports																			
Current	0.29	0.18	0.17	0.21	0.35	0.17	0.18	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.24	0.22	-11.5%	11.9%	-9.3%
Previous	0.29	0.18	0.17	0.21	0.29	0.17	0.18	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.23	0.22	-11.5%	5.6%	-4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	18.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%			
U.S. Gross Exports																			
Current	8.87	8.29	8.11	9.45	10.47	9.92	10.05	11.34	12.90	12.00	12.59	14.07	6.38	8.68	10.45	12.89	36.0%	20.4%	23.4%
Previous	8.87	8.29	8.11	9.45	10.81	10.04	10.16	10.95	13.00	12.08	12.80	13.63	6.38	8.68	10.49	12.88	36.0%	20.9%	22.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.1%	-1.2%	-1.1%	3.6%	-0.8%	-0.6%	-1.6%	3.2%	0.0%	0.0%	-0.4%	0.1%			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	22.17	6.65	3.55	16.26	25.76	7.20	3.57	15.78	25.14	7.33	3.57	15.78	11.87	12.12	13.02	12.90	2.1%	7.5%	-0.9%
Previous	22.17	6.65	3.55	16.25	24.91	7.26	3.56	15.65	25.37	7.39	3.57	15.44	11.87	12.12	12.79	12.89	2.1%	5.6%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.4%	-0.8%	0.2%	0.8%	-0.9%	-0.8%	-0.1%	2.2%	0.0%	0.0%	1.8%	0.1%			
U.S. Commercial																			
Current	13.50	5.83	4.55	11.01	14.85	6.04	4.58	10.75	14.81	6.07	4.59	10.73	8.48	8.70	9.03	9.03	2.6%	3.7%	0.0%
Previous	13.50	5.83	4.55	11.01	14.57	6.07	4.58	10.87	14.69	6.11	4.55	10.80	8.48	8.70	9.00	9.02	2.6%	3.4%	0.2%
Percent Change	0.0%	0.0%	0.0%	0.1%	1.9%	-0.5%	0.0%	-1.1%	0.8%	-0.6%	0.9%	-0.6%	0.0%	0.0%	0.3%	0.1%			
U.S. Industrial																			
Current	22.96	20.45	20.34	22.85	23.67	20.80	20.47	22.47	23.59	21.15	20.57	22.41	21.10	21.65	21.84	21.93	2.6%	0.9%	0.4%
Previous	22.96	20.45	20.34	22.85	23.51	20.83	20.61	22.59	23.68	21.27	21.04	22.79	21.10	21.65	21.88	22.19	2.6%	1.1%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	-0.2%	-0.6%	-0.5%	-0.4%	-0.6%	-2.2%	-1.7%	0.0%	0.0%	-0.2%	-1.2%			
U.S. Electric Power Sector																			
Current	20.95	24.00	32.28	24.03	23.79	26.84	34.24	25.03	24.50	26.85	34.93	25.48	27.28	25.34	27.50	27.96	-7.1%	8.5%	1.7%
Previous	20.95	24.00	32.28	24.03	24.07	26.70	34.22	24.78	24.50	27.22	34.21	25.66	27.28	25.34	27.46	27.92	-7.1%	8.4%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.2%	0.6%	0.1%	1.0%	0.0%	-1.3%	2.1%	-0.7%	0.0%	0.0%	0.1%	0.2%			
U.S. Total Consumption																			
Current	86.15	62.97	66.97	80.94	95.34	67.62	69.77	81.32	95.75	68.45	70.84	81.94	75.10	74.22	78.45	79.18	-1.2%	5.7%	0.9%
Previous	86.15	62.96	66.97	80.93	94.38	67.64	69.87	81.12	95.90	69.01	70.53	82.25	75.10	74.22	78.19	79.36	-1.2%	5.4%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	-0.1%	0.2%	-0.2%	-0.8%	0.4%	-0.4%	0.0%	0.0%	0.3%	-0.2%			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	2,064	2,908	3,568	3,034	1,385	2,433	3,418	3,225	1,726	2,629	3,372	2,941	3,297	3,034	3,225	2,941	-8.0%	6.3%	-8.8%
Previous	2,063	2,908	3,568	3,039	1,481	2,526	3,487	3,258	1,735	2,612	3,346	2,971	3,297	3,039	3,258	2,971	-7.8%	7.2%	-8.8%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-6.5%	-3.7%	-2.0%	-1.0%	-0.5%	0.6%	0.8%	-1.0%	0.0%	-0.2%	-1.0%	-1.0%			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	0.69	0.17	0.21	-0.77	-0.13	0.28	0.16	-0.82	-0.42	-0.74	0.57	-0.12	-0.66	0.07	-0.13	-0.17			
Previous	0.68	0.12	0.18	-0.75	-1.39	-0.35	0.20	-1.02	0.17	-0.18	0.40	0.13	-0.66	0.05	-0.64	0.14			

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

Current Forecast: April 10, 2018; Previous Forecast: March 6, 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	11,078	10,880	12,363	10,545	11,105	10,956	12,452	10,612	11,138	10,999	11,218	11,283	-1.2%	2.0%	0.6%
Previous	10,579	10,690	12,151	10,566	10,890	10,872	12,384	10,543	11,107	10,961	12,499	10,629	11,138	10,999	11,175	11,301	-1.2%	1.6%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.7%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.4%	-0.2%	0.0%	0.0%	0.4%	-0.2%			
U.S. Coal																			
Current	3,242	3,100	3,762	3,128	3,313	2,925	3,621	3,017	3,401	2,943	3,588	2,967	3,386	3,309	3,219	3,224	-2.3%	-2.7%	0.2%
Previous	3,242	3,100	3,762	3,128	3,148	2,939	3,656	3,048	3,379	2,862	3,710	2,940	3,386	3,309	3,199	3,223	-2.3%	-3.3%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	5.2%	-0.4%	-1.0%	-1.0%	0.7%	2.8%	-3.3%	0.9%	0.0%	0.0%	0.6%	0.0%			
U.S. Natural gas																			
Current	2,969	3,286	4,359	3,322	3,322	3,684	4,621	3,504	3,451	3,692	4,717	3,570	3,766	3,487	3,786	3,860	-7.4%	8.6%	2.0%
Previous	2,969	3,286	4,359	3,322	3,373	3,664	4,622	3,466	3,453	3,749	4,642	3,604	3,766	3,487	3,784	3,865	-7.4%	8.5%	2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	0.6%	0.0%	1.1%	0.0%	-1.5%	1.6%	-1.0%	0.0%	0.0%	0.1%	-0.1%			
U.S. Petroleum																			
Current	59	54	56	62	108	58	64	56	75	59	64	56	66	58	72	63	-12.6%	23.8%	-11.5%
Previous	59	54	56	62	95	58	64	56	75	59	64	56	66	58	68	63	-12.6%	18.2%	-7.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	13.8%	0.2%	-0.3%	0.1%	0.2%	0.5%	-0.3%	0.0%	0.0%	0.0%	4.7%	0.1%			
U.S. Nuclear																			
Current	2,242	2,034	2,302	2,243	2,298	2,080	2,262	2,134	2,194	2,054	2,223	2,089	2,201	2,205	2,193	2,140	0.2%	-0.6%	-2.4%
Previous	2,242	2,034	2,302	2,243	2,272	2,084	2,266	2,138	2,194	2,054	2,223	2,089	2,201	2,205	2,190	2,140	0.2%	-0.7%	-2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%			
U.S. Conventional Hydroelectric																			
Current	918	1,010	717	647	799	861	746	636	734	837	723	634	732	822	760	732	12.3%	-7.6%	-3.7%
Previous	918	1,010	717	647	826	860	727	640	758	868	723	642	732	822	763	747	12.3%	-7.2%	-2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.3%	0.2%	2.6%	-0.7%	-3.2%	-3.5%	0.0%	-1.3%	0.0%	0.0%	-0.4%	-2.1%			
U.S. Other Renewables																			
Current	1,090	1,147	898	1,110	1,179	1,207	989	1,139	1,188	1,306	1,076	1,239	933	1,061	1,128	1,202	13.7%	6.3%	6.6%
Previous	1,090	1,147	898	1,110	1,115	1,203	989	1,136	1,185	1,304	1,076	1,240	933	1,061	1,110	1,201	13.7%	4.7%	8.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	5.7%	0.3%	0.0%	0.3%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	1.6%	0.1%			
U.S. Electricity Sales (million kilowatthours per day)																			
U.S. Residential																			
Current	3,712	3,428	4,458	3,507	4,094	3,521	4,551	3,520	4,071	3,517	4,571	3,543	3,855	3,778	3,922	3,926	-2.0%	3.8%	0.1%
Previous	3,712	3,428	4,458	3,507	4,042	3,521	4,562	3,523	4,059	3,528	4,596	3,552	3,855	3,778	3,912	3,934	-2.0%	3.6%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	-0.2%	-0.1%	0.3%	-0.3%	-0.5%	-0.2%	0.0%	0.0%	0.2%	-0.2%			
U.S. Commercial																			
Current	3,513	3,637	4,079	3,551	3,593	3,664	4,111	3,558	3,604	3,690	4,141	3,575	3,735	3,696	3,733	3,753	-1.0%	1.0%	0.6%
Previous	3,513	3,637	4,079	3,551	3,569	3,667	4,116	3,559	3,584	3,688	4,147	3,577	3,735	3,696	3,729	3,750	-1.0%	0.9%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	-0.1%	-0.1%	0.0%	0.5%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%			
U.S. Industrial																			
Current	2,504	2,619	2,722	2,526	2,571	2,660	2,763	2,546	2,592	2,676	2,775	2,555	2,669	2,593	2,635.14	2,649	-2.8%	1.6%	0.5%
Previous	2,504	2,619	2,722	2,526	2,609	2,649	2,763	2,546	2,627	2,669	2,780	2,558	2,669	2,593	2,642	2,659	-2.8%	1.9%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	0.4%	0.0%	0.0%	-1.3%	0.3%	-0.2%	-0.1%	0.0%	0.0%	-0.3%	-0.3%			
U.S. Total																			
Current	9,750	9,704	11,280	9,605	10,279	9,865	11,446	9,644	10,288	9,902	11,507	9,693	10,280	10,088	10,310	10,349	-1.9%	2.2%	0.4%
Previous	9,750	9,704	11,280	9,605	10,242	9,857	11,462	9,647	10,292	9,905	11,543	9,706	10,280	10,088	10,303	10,363	-1.9%	2.1%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%			

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: April 10, 2018; Previous Forecast: March 6, 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	165.6	193.7	187.9	194.4	165.5	198.4	189.8	728	774.1	738	748	6.3%	-4.6%	1.3%
Previous	197.0	187.1	196.2	192.0	187.1	165.2	194.7	189.2	192.5	160.5	203.7	187.9	728	772	736	745	6.0%	-4.7%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.9%	2.1%	0.2%	-0.5%	-0.7%	1.0%	3.1%	-2.6%	1.0%	0.0%	0.2%	0.3%	0.5%			
U.S. Exports																			
Current	22.3	21.8	24.6	28.2	22.6	20.6	19.4	18.7	19.4	19.0	19.8	19.7	60.3	97.0	81.3	77.9	60.9%	-16.1%	-4.3%
Previous	22.3	21.8	24.6	28.2	22.8	19.7	19.3	18.9	19.3	18.5	19.7	19.5	60.3	97.0	80.6	76.9	60.9%	-16.8%	-4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.7%	4.7%	0.2%	-0.7%	0.5%	2.7%	0.5%	1.2%	0.0%	0.0%	0.9%	1.2%			
U.S. Imports																			
Current	1.9	2.2	2.3	1.4	1.7	2.2	2.8	2.4	1.4	2.3	2.9	2.6	9.8	7.8	9.1	9.3	-21.0%	16.6%	2.6%
Previous	1.9	2.2	2.3	1.4	0.9	2.1	2.9	2.6	1.4	2.3	2.9	2.6	9.8	7.8	8.5	9.3	-21.0%	9.9%	8.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	87.3%	3.2%	-5.0%	-8.1%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	6.0%	0.2%			
U.S. Electric Power Demand																			
Current	160.3	154.2	190.6	159.6	160.9	142.4	180.3	151.8	163.1	143.2	178.7	149.3	679	665	635	634	-2.0%	-4.4%	-0.2%
Previous	160.3	154.2	190.6	159.6	151.6	142.7	181.8	153.2	161.6	139.0	184.7	147.9	679	665	629	633	-2.0%	-5.3%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	6.2%	-0.2%	-0.8%	-0.9%	0.9%	3.1%	-3.3%	0.9%	0.0%	0.0%	1.0%	0.2%			
U.S. Secondary Stocks																			
Current	166.7	163.0	144.9	142.5	131.6	129.2	117.1	125.3	124.5	122.2	116.6	126.1	167.7	142.5	125.3	126.1	-15.0%	-12.1%	0.7%
Previous	166.7	163.0	144.9	142.0	139.8	137.2	124.3	132.3	131.4	129.1	122.9	132.2	167.7	142.0	132.3	132.2	-15.3%	-6.8%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.3%	-5.8%	-5.8%	-5.9%	-5.3%	-5.2%	-5.3%	-5.1%	-4.6%	0.0%	0.3%	-5.3%	-4.6%			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	565.0	587.7	593.3	592.4	574.1	588.0	601.3	593.9	579.5	594.7	608.2	601.4	2,327	2,338	2,357	2,384	0.5%	0.8%	1.1%
Previous	565.0	587.7	593.3	591.4	576.0	587.4	601.6	591.8	579.3	592.9	607.3	598.0	2,327	2,337	2,357	2,377	0.4%	0.8%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.2%	-0.3%	0.1%	-0.1%	0.4%	0.0%	0.3%	0.2%	0.6%	0.0%	0.0%	0.0%	0.3%			
Coal																			
Current	321.4	309.4	377.2	322.8	322.3	286.2	360.2	316.4	329.2	287.3	356.5	311.6	1354.2	1330.9	1285.0	1284.7	-1.7%	-3.4%	0.0%
Previous	321.4	309.2	377.4	321.0	309.9	287.5	363.9	316.2	326.1	278.9	367.4	305.2	1354.2	1329.1	1277.4	1277.6	-1.9%	-3.9%	0.0%
Percent Change	0.0%	0.1%	0.0%	0.5%	4.0%	-0.5%	-1.0%	0.1%	1.0%	3.0%	-3.0%	2.1%	0.0%	0.1%	0.6%	0.6%			
Natural Gas																			
Current	422.0	311.1	334.5	404.9	458.2	334.1	348.5	406.9	469.0	338.2	353.8	410.0	1494.5	1472.5	1547.7	1571.0	-1.5%	5.1%	1.5%
Previous	424.4	311.6	337.4	403.3	464.9	334.6	352.0	406.4	472.3	341.4	355.3	412.1	1494.5	1476.7	1557.9	1581.1	-1.2%	5.5%	1.5%
Percent Change	-0.6%	-0.1%	-0.8%	0.4%	-1.4%	-0.2%	-1.0%	0.1%	-0.7%	-1.0%	-0.4%	-0.5%	0.0%	-0.3%	-0.7%	-0.6%			
Total Fossil Fuel																			
Current	1308.4	1208.3	1305.0	1320.0	1354.6	1208.3	1310.0	1317.2	1377.8	1220.2	1318.6	1323.0	5,176	5,142	5,190	5,240	-0.7%	0.9%	1.0%
Previous	1310.8	1208.5	1308.0	1315.8	1350.7	1209.6	1317.5	1314.3	1377.6	1213.2	1330.0	1315.3	5,176	5,143	5,192	5,236	-0.6%	1.0%	0.8%
Percent Change	-0.2%	0.0%	-0.2%	0.3%	0.3%	-0.1%	-0.6%	0.2%	0.0%	0.6%	-0.9%	0.6%	0.0%	0.0%	0.0%	0.1%			

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: April 10, 2018; Previous Forecast: March 6, 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	0.688	0.662	0.475	0.670	0.692	0.716	0.513	0.724	2.113	2.367	2.496	2.645	12.0%	5.4%	6.0%
Previous	0.644	0.634	0.429	0.660	0.648	0.662	0.475	0.669	0.691	0.715	0.512	0.724	2.113	2.367	2.454	2.642	12.0%	3.6%	7.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	6.2%	0.0%	0.0%	0.3%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	1.7%	0.1%			
U.S. Wood Biomass																			
Current	0.534	0.524	0.543	0.543	0.545	0.530	0.552	0.547	0.537	0.532	0.555	0.551	2.131	2.145	2.174	2.175	0.6%	1.4%	0.0%
Previous	0.546	0.535	0.555	0.536	0.542	0.528	0.552	0.531	0.537	0.531	0.556	0.535	2.153	2.172	2.154	2.158	0.9%	-0.8%	0.2%
Percent Change	-2.0%	-2.1%	-2.1%	1.3%	0.4%	0.4%	0.0%	3.0%	0.1%	0.2%	0.0%	3.0%	-1.0%	-1.2%	0.9%	0.8%			
U.S. Solar Power																			
Current	0.139	0.239	0.235	0.162	0.174	0.280	0.282	0.190	0.196	0.328	0.337	0.234	0.570	0.775	0.926	1.094	36.1%	19.4%	18.2%
Previous	0.138	0.239	0.234	0.158	0.167	0.274	0.278	0.185	0.191	0.321	0.330	0.228	0.570	0.770	0.904	1.069	35.1%	17.4%	18.3%
Percent Change	0.2%	0.2%	0.3%	2.7%	4.2%	2.2%	1.6%	2.6%	2.9%	2.2%	2.1%	2.4%	0.0%	0.7%	2.5%	2.3%			
U.S. Ethanol																			
Current	0.281	0.301	0.304	0.302	0.300	0.302	0.308	0.300	0.287	0.310	0.315	0.306	1.182	1.189	1.211	1.218	0.6%	1.9%	0.5%
Previous	0.281	0.301	0.304	0.302	0.292	0.309	0.313	0.304	0.288	0.312	0.316	0.307	1.182	1.189	1.218	1.223	0.6%	2.5%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.0%	-2.1%	-1.5%	-1.5%	-0.4%	-0.4%	-0.5%	-0.5%	0.0%	0.0%	-0.6%	-0.5%			
U.S. Biodiesel																			
Current	0.054	0.079	0.080	0.066	0.061	0.081	0.092	0.095	0.069	0.088	0.100	0.104	0.291	0.279	0.329	0.361	-4.2%	18.1%	9.6%
Previous	0.054	0.079	0.080	0.066	0.057	0.081	0.092	0.095	0.069	0.088	0.100	0.104	0.291	0.279	0.325	0.361	-4.2%	16.7%	10.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	6.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	82,908	83,377	84,098	87,464	88,503	88,837	89,799	94,172	95,484	96,132	97,112	103,954	81,198	87,464	94,172	103,954	7.7%	7.7%	10.4%
Previous	82,903	83,365	84,086	87,452	88,486	88,813	89,776	93,989	95,305	96,044	96,909	104,154	81,198	87,452	93,989	104,154	7.7%	7.5%	10.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.2%	-0.2%	0.0%	0.0%	0.2%	-0.2%			
Wood Biomass																			
Current	3,127	3,127	3,177	3,172	3,172	3,172	3,172	3,172	3,330	3,330	3,330	3,330	3,166	3,172	3,172	3,330	0.2%	0.0%	5.0%
Previous	3,127	3,127	3,177	3,172	3,172	3,265	3,265	3,265	3,330	3,330	3,372	3,372	3,166	3,172	3,265	3,372	0.2%	2.9%	3.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%	-2.9%	-2.9%	0.0%	0.0%	-1.2%	-1.2%	0.0%	0.0%	-2.9%	-1.2%			
Solar Power																			
Current	22,542	23,570	24,072	26,329	27,904	28,796	29,351	31,424	32,810	34,684	35,959	42,151	21,631	26,329	31,424	42,151	21.7%	19.4%	34.1%
Previous	22,542	23,572	24,066	26,311	27,897	28,767	29,233	30,850	32,488	34,601	35,876	42,173	21,631	26,311	30,850	42,173	21.6%	17.2%	36.7%
Percent Change	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.4%	1.9%	1.0%	0.2%	0.2%	-0.1%	0.0%	0.1%	1.9%	-0.1%			

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