

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

Current Forecast: August 7, 2018; Previous Forecast: July 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
<b>U.S. Energy Supply</b>																			
<b>U.S. Crude Oil Production (million barrels per day)</b>																			
Current	9.04	9.16	9.31	9.94	10.23	10.54	10.77	11.17	11.50	11.69	11.68	11.94	8.84	9.37	10.68	11.70	6.0%	14.0%	9.6%
Previous	9.01	9.13	9.33	9.93	10.24	10.71	10.91	11.29	11.61	11.78	11.76	12.02	8.86	9.35	10.79	11.80	5.6%	15.4%	9.3%
Percent Change	0.4%	0.2%	-0.2%	0.1%	0.0%	-1.5%	-1.3%	-1.1%	-1.0%	-0.8%	-0.7%	-0.7%	-0.2%	0.1%	-1.0%	-0.8%			
<b>U.S. Dry Natural Gas Production (billion cubic feet per day)</b>																			
Current	71.24	72.04	73.97	76.98	78.50	80.50	82.20	83.13	83.88	84.15	84.09	84.28	72.85	73.57	81.10	84.10	1.0%	10.2%	3.7%
Previous	71.24	72.04	73.97	76.98	78.53	80.95	82.44	83.37	84.11	84.37	84.46	84.87	72.85	73.57	81.34	84.46	1.0%	10.6%	3.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.3%	-0.3%	-0.3%	-0.3%	-0.4%	-0.7%	0.0%	0.0%	-0.3%	-0.4%			
<b>U.S. Coal Production (million short tons)</b>																			
Current	197.0	187.1	196.2	193.8	186.8	184.3	198.2	196.6	193.6	161.3	203.8	193.3	728.4	774.1	765.8	752.1	6.3%	-1.1%	-1.8%
Previous	197.0	187.1	196.2	193.8	191.1	184.3	202.8	195.0	193.7	159.2	201.7	191.6	728.4	774.1	773.2	746.2	6.3%	-0.1%	-3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.3%	0.0%	-2.2%	0.8%	0.0%	1.3%	1.0%	0.9%	0.0%	0.0%	-1.0%	0.8%			
<b>U.S. Energy Consumption</b>																			
<b>U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)</b>																			
Current	19.49	20.03	19.92	20.05	20.24	20.20	20.52	20.43	20.25	20.50	20.92	20.90	19.69	19.88	20.35	20.64	1.0%	2.4%	1.5%
Previous	19.49	20.03	19.92	20.05	20.24	20.19	20.49	20.48	20.26	20.47	20.99	20.98	19.69	19.88	20.35	20.68	1.0%	2.4%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	-0.1%	0.2%	-0.3%	-0.4%	0.0%	0.0%	0.0%	-0.2%			
<b>U.S. Natural Gas Consumption (billion cubic feet per day)</b>																			
Current	86.15	62.96	66.96	80.94	97.21	70.74	69.98	80.63	95.28	68.89	71.37	82.56	75.10	74.22	79.57	79.47	-1.2%	7.2%	-0.1%
Previous	86.15	62.96	66.96	80.94	97.24	70.70	69.90	81.06	96.01	68.69	71.30	82.50	75.10	74.22	79.65	79.57	-1.2%	7.3%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.5%	-0.8%	0.3%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%			
<b>U.S. Electricity Retail Sales (million kilowatthours per day)</b>																			
Current	9,750	9,704	11,280	9,605	10,205	9,932	11,599	9,675	10,233	9,730	11,517	9,726	10,280	10,088	10,354	10,303	-1.9%	2.6%	-0.5%
Previous	9,750	9,704	11,280	9,605	10,205	9,902	11,476	9,668	10,227	9,680	11,501	9,708	10,280	10,088	10,314	10,281	-1.9%	2.2%	-0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.1%	0.1%	0.1%	0.5%	0.1%	0.2%	0.0%	0.0%	0.4%	0.2%			
<b>U.S. Total Energy Consumption (quadrillion Btu)</b>																			
Current	25.06	23.25	24.35	25.08	26.40	23.76	24.54	24.75	25.79	23.34	24.72	25.05	97.58	97.74	99.44	98.90	0.2%	1.7%	-0.5%
Previous	25.04	23.24	24.34	25.09	26.39	23.62	24.46	24.85	25.91	23.33	24.78	25.12	97.56	97.72	99.32	99.14	0.2%	1.6%	-0.2%
Percent Change	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.3%	-0.4%	-0.5%	0.0%	-0.2%	-0.3%	0.0%	0.0%	0.1%	-0.2%			
<b>U.S. Macroeconomic and Weather</b>																			
<b>U.S. Real Gross Domestic Product (billion chained 2009 dollars)</b>																			
Current	16,903	17,031	17,164	17,286	17,372	17,575	17,687	17,816	17,926	18,021	18,104	18,180	16,716	17,096	17,612	18,058	2.3%	3.0%	2.5%
Previous	16,903	17,031	17,164	17,286	17,380	17,553	17,685	17,806	17,920	18,017	18,103	18,182	16,716	17,096	17,606	18,055	2.3%	3.0%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>U.S. Manufacturing Production Index (index 2012 = 100)</b>																			
Current	102.0	102.7	102.2	103.6	104.1	104.9	105.4	106.3	107.0	107.4	107.8	108.1	101.1	102.6	105.2	107.6	1.5%	2.5%	2.3%
Previous	102.0	102.7	102.2	103.6	104.1	104.9	105.7	106.6	107.2	107.6	107.9	108.3	101.1	102.6	105.3	107.8	1.5%	2.6%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	-0.3%	-0.2%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.2%			
<b>U.S. Heating Degree Days</b>																			
Current	1,859	427	65	1,481	2,131	523	70	1,531	2,106	478	77	1,531	3,879	3,832	4,255	4,193	-1.2%	11.0%	-1.5%
Previous	1,859	427	65	1,480	2,130	519	74	1,529	2,107	477	77	1,527	3,879	3,832	4,252	4,188	-1.2%	11.0%	-1.5%
Percent Change	0.0%	-0.1%	0.0%	0.0%	0.0%	0.7%	-4.8%	0.1%	0.0%	0.1%	0.8%	0.3%	0.0%	0.0%	0.1%	0.1%			
<b>U.S. Cooling Degree Days</b>																			
Current	70	403	838	115	51	474	885	88	40	396	843	91	1,558	1,426	1,499	1,369	-8.5%	5.2%	-8.7%
Previous	70	402	838	115	51	479	842	89	40	396	845	90	1,558	1,425	1,461	1,370	-8.5%	2.6%	-6.3%
Percent Change	0.4%	0.2%	0.0%	-0.1%	-0.1%	-1.0%	5.2%	-1.0%	0.0%	0.0%	-0.2%	1.2%	0.0%	0.1%	2.6%	-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: August 7, 2018; Previous Forecast: July 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
<b>U.S. Petroleum</b>																			
<b>WTI spot (\$/barrel)</b>																			
Current	51.64	48.15	48.16	55.27	62.90	68.07	69.41	64.41	62.00	62.31	64.97	67.97	43.33	50.79	66.21	64.34	17.2%	30.4%	-2.8%
Previous	51.64	48.15	48.16	55.27	62.90	68.07	68.73	64.05	62.00	61.50	61.66	63.00	43.33	50.79	65.95	62.04	17.2%	29.8%	-5.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.6%	0.0%	1.3%	5.4%	7.9%	0.0%	0.0%	0.4%	3.7%			
<b>Refiner composite crude oil acquisition cost (\$/barrel)</b>																			
Current	49.91	47.73	48.31	56.73	61.89	66.62	68.40	63.30	61.00	61.33	63.97	67.02	40.69	50.68	65.12	63.33	24.5%	28.5%	-2.7%
Previous	49.91	47.73	48.31	56.73	61.86	67.06	67.71	62.98	61.00	60.50	60.66	62.00	40.69	50.68	64.97	61.03	24.5%	28.2%	-6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	1.0%	0.5%	0.0%	1.4%	5.5%	8.1%	0.0%	0.0%	0.2%	3.8%			
<b>Brent spot average (\$/barrel)</b>																			
Current	53.57	49.59	52.09	61.42	66.84	74.53	73.42	72.05	70.00	70.00	70.31	71.97	43.74	54.15	71.74	70.58	23.8%	32.5%	-1.6%
Previous	53.57	49.59	52.09	61.42	66.84	74.53	74.03	71.69	70.00	69.00	68.00	68.00	43.74	54.15	71.80	68.74	23.8%	32.6%	-4.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.5%	0.0%	1.4%	3.4%	5.8%	0.0%	0.0%	-0.1%	2.7%			
<b>Gasoline, regular-grade retail including taxes (\$/gallon)</b>																			
Current	2.33	2.38	2.44	2.51	2.58	2.85	2.84	2.76	2.67	2.81	2.82	2.73	2.15	2.42	2.76	2.76	12.5%	14.2%	0.0%
Previous	2.33	2.38	2.44	2.51	2.58	2.85	2.85	2.76	2.69	2.87	2.84	2.66	2.15	2.42	2.76	2.77	12.5%	14.3%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	-0.9%	-1.9%	-0.6%	2.7%	0.0%	0.0%	-0.1%	-0.2%			
<b>Diesel, retail including taxes (\$/gallon)</b>																			
Current	2.57	2.55	2.63	2.87	3.02	3.20	3.19	3.17	3.05	3.06	3.12	3.20	2.31	2.65	3.15	3.11	14.9%	18.6%	-1.1%
Previous	2.57	2.55	2.63	2.87	3.02	3.20	3.18	3.16	3.06	3.05	3.08	3.11	2.31	2.65	3.14	3.07	14.9%	18.3%	-2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.2%	-0.1%	0.5%	1.5%	2.7%	0.0%	0.0%	0.2%	1.2%			
<b>Heating Oil, residential retail including taxes (\$/gallon)</b>																			
Current	2.47	2.38	2.34	2.65	2.87	2.99	3.06	3.08	3.08	2.93	2.96	3.10	2.10	2.51	2.97	3.05	19.2%	18.5%	2.7%
Previous	2.47	2.38	2.34	2.65	2.87	2.97	3.04	3.07	3.08	2.91	2.92	3.02	2.10	2.51	2.96	3.02	19.2%	18.2%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.9%	0.4%	0.1%	0.5%	1.5%	2.8%	0.0%	0.0%	0.3%	1.2%			
<b>U.S. Natural Gas</b>																			
<b>Henry Hub spot (\$ per million Btu)</b>																			
Current	3.01	3.08	2.95	2.90	3.02	2.85	2.88	3.08	3.18	2.97	3.04	3.20	2.51	2.99	2.96	3.10	18.8%	-0.9%	4.7%
Previous	3.01	3.08	2.95	2.90	3.02	2.86	2.99	3.11	3.15	2.90	2.97	3.13	2.51	2.99	2.99	3.04	18.8%	0.2%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.6%	-0.7%	0.9%	2.3%	2.2%	2.3%	0.0%	0.0%	-1.1%	1.9%			
<b>Residential Retail (\$ per thousand cubic feet)</b>																			
Current	9.73	13.00	17.74	10.19	9.39	11.83	16.78	10.59	9.64	12.16	16.74	10.72	10.04	10.92	10.64	10.87	8.8%	-2.6%	2.1%
Previous	9.73	13.00	17.74	10.19	9.39	11.47	16.52	10.57	9.72	12.26	16.80	10.74	10.04	10.92	10.56	10.90	8.8%	-3.3%	3.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	1.5%	0.2%	-0.8%	-0.8%	-0.4%	-0.1%	0.0%	0.0%	0.8%	-0.3%			
<b>U.S. Electric Utilities Fuel Costs (\$ per million Btu)</b>																			
<b>Coal</b>																			
Current	2.08	2.12	2.07	2.04	2.06	2.10	2.12	2.11	2.09	2.08	2.09	2.09	2.11	2.08	2.10	2.09	-1.7%	1.1%	-0.4%
Previous	2.08	2.12	2.07	2.04	2.06	2.09	2.12	2.11	2.09	2.08	2.09	2.08	2.11	2.08	2.10	2.09	-1.7%	1.0%	-0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.1%	-0.1%	0.1%	0.3%	0.4%	0.0%	0.0%	0.1%	0.2%			
<b>Natural Gas</b>																			
Current	3.69	3.38	3.19	3.38	3.98	3.07	3.25	3.53	3.73	3.19	3.21	3.58	2.87	3.38	3.43	3.40	17.8%	1.2%	-0.7%
Previous	3.69	3.38	3.19	3.38	3.98	3.07	3.20	3.54	3.70	3.13	3.15	3.50	2.87	3.38	3.41	3.35	17.8%	0.8%	-1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	-0.1%	0.7%	1.9%	2.1%	2.1%	0.0%	0.0%	0.4%	1.7%			
<b>Residual Fuel Oil</b>																			
Current	11.16	10.60	10.03	11.93	11.47	13.31	13.65	13.57	13.63	14.08	13.30	13.15	8.46	10.97	12.75	13.54	29.6%	16.2%	6.2%
Previous	11.16	10.60	10.03	11.93	11.47	13.77	13.83	13.57	13.63	13.98	13.15	12.77	8.46	10.97	12.88	13.40	29.6%	17.4%	4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-3.4%	-1.3%	-0.1%	0.0%	0.7%	1.2%	3.0%	0.0%	0.0%	-1.0%	1.1%			
<b>U.S. Residential Retail Electricity (cents per kilowatthour)</b>																			
Current	12.59	12.99	13.19	12.75	12.57	13.01	13.27	12.95	12.88	13.54	13.58	13.21	12.55	12.90	12.96	13.31	2.8%	0.5%	2.7%
Previous	12.59	12.99	13.19	12.75	12.57	13.01	13.27	12.95	12.89	13.54	13.60	13.21	12.55	12.90	12.96	13.31	2.8%	0.5%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%			

Prices are not adjusted for inflation.

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

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

Current Forecast: August 7, 2018; Previous Forecast: July 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
<b>World Crude Oil and Liquid Fuels Supply (million barrels per day)</b>																			
<b>OECD (Organization for Economic Cooperation and Development) Supply</b>																			
Current	27.15	26.96	27.10	28.29	28.54	29.13	29.41	30.51	30.78	31.12	31.19	31.72	26.51	27.38	29.40	31.21	3.3%	7.4%	6.1%
Previous	27.12	26.94	27.12	28.28	28.55	29.49	29.99	30.76	31.02	31.29	31.42	31.96	26.53	27.37	29.71	31.43	3.1%	8.5%	5.8%
Percent Change	0.1%	0.1%	-0.1%	0.0%	0.0%	-1.2%	-2.0%	-0.8%	-0.8%	-0.5%	-0.7%	-0.8%	-0.1%	0.0%	-1.0%	-0.7%			
<b>OPEC (Organization of the Petroleum Exporting Countries) Supply</b>																			
Current	39.03	39.53	39.96	39.60	39.59	39.07	39.13	38.74	38.79	38.86	39.09	39.21	39.44	39.54	39.13	38.99	0.2%	-1.0%	-0.4%
Previous	38.84	39.32	39.68	39.28	39.24	38.90	38.56	38.62	38.66	38.80	39.07	39.25	39.23	39.28	38.83	38.95	0.1%	-1.2%	0.3%
Percent Change	0.5%	0.6%	0.7%	0.8%	0.9%	0.4%	1.5%	0.3%	0.3%	0.2%	0.0%	-0.1%	0.5%	0.6%	0.8%	0.1%			
<b>Non-OPEC Supply</b>																			
Current	57.93	58.01	58.33	59.25	59.07	60.53	61.09	62.00	61.92	63.02	63.31	63.54	57.63	58.39	60.68	62.95	1.3%	3.9%	3.7%
Previous	58.25	58.35	58.70	59.58	59.32	61.30	62.03	62.63	62.58	63.61	63.96	64.21	57.95	58.73	61.33	63.60	1.3%	4.4%	3.7%
Percent Change	-0.5%	-0.6%	-0.6%	-0.6%	-0.4%	-1.3%	-1.5%	-1.0%	-1.1%	-0.9%	-1.0%	-1.0%	-0.6%	-0.6%	-1.1%	-1.0%			
<b>Total World Supply</b>																			
Current	96.97	97.55	98.29	98.85	98.66	99.60	100.22	100.74	100.71	101.88	102.39	102.75	97.07	97.92	99.81	101.94	0.9%	1.9%	2.1%
Previous	97.09	97.66	98.38	98.87	98.55	100.20	100.58	101.25	101.24	102.41	103.03	103.46	97.18	98.01	100.16	102.54	0.8%	2.2%	2.4%
Percent Change	-0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.6%	-0.4%	-0.5%	-0.5%	-0.5%	-0.6%	-0.7%	-0.1%	-0.1%	-0.3%	-0.6%			
<b>World Crude Oil and Liquid Fuels Consumption (million barrels per day)</b>																			
<b>OECD (Organization for Economic Cooperation and Development) Consumption</b>																			
Current	46.68	46.83	47.39	47.67	47.60	46.76	47.91	48.05	47.66	47.17	48.42	48.60	46.81	47.14	47.59	47.97	0.7%	0.9%	0.8%
Previous	46.71	46.88	47.44	47.72	47.62	46.88	47.95	48.18	47.80	47.24	48.59	48.79	46.74	47.19	47.66	48.11	1.0%	1.0%	0.9%
Percent Change	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.3%	-0.1%	-0.3%	-0.3%	-0.1%	-0.4%	-0.4%	0.1%	-0.1%	-0.2%	-0.3%			
<b>Non-OECD Consumption</b>																			
Current	50.79	51.46	51.45	51.44	51.98	52.54	52.65	52.67	53.19	53.89	53.82	53.87	50.16	51.29	52.46	53.69	2.2%	2.3%	2.3%
Previous	50.79	51.46	51.45	51.44	52.02	52.71	52.70	52.72	53.29	53.99	53.93	53.98	50.16	51.29	52.54	53.80	2.2%	2.4%	2.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	-0.1%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	-0.1%	-0.2%			
<b>China Consumption</b>																			
Current	13.48	13.29	13.01	13.27	14.01	13.77	13.43	13.67	14.52	14.24	13.88	14.13	12.81	13.26	13.72	14.19	3.5%	3.5%	3.4%
Previous	13.48	13.29	13.01	13.27	14.01	13.77	13.43	13.67	14.52	14.24	13.88	14.13	12.81	13.26	13.72	14.19	3.5%	3.5%	3.4%
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%			
<b>Total World Consumption</b>																			
Current	97.47	98.28	98.84	99.11	99.58	99.31	100.57	100.72	100.85	101.06	102.24	102.46	96.97	98.43	100.05	101.66	1.5%	1.6%	1.6%
Previous	97.49	98.34	98.89	99.17	99.63	99.59	100.65	100.89	101.09	101.23	102.52	102.77	96.90	98.48	100.20	101.91	1.6%	1.7%	1.7%
Percent Change	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.3%	-0.1%	-0.2%	-0.2%	-0.2%	-0.3%	-0.3%	0.1%	0.0%	-0.1%	-0.2%			
<b>Closing Stocks (million barrels)</b>																			
<b>OECD Commercial Inventory</b>																			
Current	3,028	3,012	2,961	2,844	2,806	2,818	2,824	2,811	2,829	2,892	2,914	2,909	2,994	2,844	2,811	2,909	-5.0%	-1.1%	3.5%
Previous	3,028	3,012	2,961	2,844	2,802	2,834	2,850	2,842	2,870	2,942	2,976	2,981	2,994	2,844	2,842	2,981	-5.0%	-0.1%	4.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	-0.6%	-0.9%	-1.1%	-1.4%	-1.7%	-2.1%	-2.4%	0.0%	0.0%	-1.1%	-2.4%			
<b>OPEC Surplus Production Capacity and World Macroeconomic</b>																			
<b>OPEC Surplus Crude Oil Production Capacity (million barrels per day)</b>																			
Current	2.19	2.13	1.95	2.10	1.91	1.82	1.33	1.53	1.55	1.36	1.21	1.19	1.15	2.09	1.64	1.33	82.5%	-21.4%	-19.4%
Previous	2.19	2.13	1.95	2.10	1.91	1.82	1.47	1.58	1.56	1.36	1.21	1.19	1.15	2.09	1.69	1.33	82.5%	-19.1%	-21.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-9.7%	-3.2%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%	-0.1%			
<b>World Oil-Consumption-Weighted GDP Growth (annualized percent change)</b>																			
Current	3.60	2.89	3.11	3.07	3.39	3.32	3.25	3.21	3.13	3.10	3.10	3.04	2.78	3.16	3.29	3.09			
Previous	3.61	2.91	3.12	3.09	3.39	3.32	3.26	3.23	3.17	3.14	3.14	3.07	2.78	3.18	3.30	3.13			

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. Petroleum and Other Liquid Fuels

Current Forecast: August 7, 2018; Previous Forecast: July 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
<b>U.S. Supply (million barrels per day)</b>																			
<b>U.S. Crude Oil Production</b>																			
Current	9.04	9.16	9.31	9.94	10.23	10.54	10.77	11.17	11.50	11.69	11.68	11.94	8.84	9.37	10.68	11.70	6.0%	14.0%	9.6%
Previous	9.01	9.13	9.33	9.93	10.24	10.71	10.91	11.29	11.61	11.78	11.76	12.02	8.86	9.35	10.79	11.80	5.6%	15.4%	9.3%
Percent Change	0.4%	0.2%	-0.2%	0.1%	0.0%	-1.5%	-1.3%	-1.1%	-1.0%	-0.8%	-0.7%	-0.7%	-0.2%	0.1%	-1.0%	-0.8%			
<b>U.S. Natural Gas Plant Liquids Production</b>																			
Current	3.54	3.70	3.72	3.99	4.01	4.31	4.43	4.56	4.56	4.70	4.80	4.86	3.51	3.74	4.33	4.73	6.5%	15.8%	9.4%
Previous	3.54	3.70	3.72	3.99	4.01	4.32	4.46	4.60	4.61	4.70	4.87	4.95	3.51	3.74	4.35	4.78	6.5%	16.4%	10.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.7%	-0.9%	-1.1%	0.0%	-1.4%	-1.7%	0.0%	0.0%	-0.5%	-1.1%			
<b>U.S. Ethanol Production</b>																			
Current	1.04	1.01	1.02	1.06	1.05	1.04	1.05	1.04	1.03	1.04	1.04	1.04	1.00	1.03	1.04	1.04	3.1%	0.9%	-0.5%
Previous	1.04	1.01	1.02	1.06	1.05	1.03	1.05	1.04	1.03	1.04	1.04	1.04	1.00	1.03	1.04	1.04	3.1%	0.8%	-0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%			
<b>U.S. Total Petroleum and Other Liquid Fuel Net Imports</b>																			
Current	4.28	4.25	3.83	2.59	3.05	2.51	2.78	1.71	1.82	1.91	1.87	1.10	4.79	3.73	2.51	1.67	-22.2%	-32.8%	-33.2%
Previous	4.28	4.25	3.83	2.59	3.05	2.59	2.61	1.48	1.71	1.77	1.79	0.99	4.79	3.73	2.43	1.56	-22.2%	-34.9%	-35.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-3.3%	6.4%	15.2%	6.5%	8.1%	4.4%	11.6%	0.0%	0.0%	3.2%	7.1%			
<b>U.S. Consumption (million barrels per day)</b>																			
<b>U.S. Gasoline</b>																			
Current	8.95	9.54	9.56	9.23	9.01	9.44	9.55	9.24	9.00	9.55	9.62	9.34	9.32	9.32	9.31	9.38	0.0%	-0.1%	0.7%
Previous	8.95	9.54	9.56	9.23	9.01	9.46	9.54	9.24	8.99	9.52	9.60	9.33	9.32	9.32	9.31	9.36	0.0%	-0.1%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%			
<b>U.S. Distillate</b>																			
Current	3.95	3.91	3.87	4.02	4.18	4.14	4.03	4.10	4.16	4.11	4.12	4.23	3.88	3.94	4.11	4.15	1.6%	4.4%	1.1%
Previous	3.95	3.91	3.87	4.02	4.18	4.05	3.98	4.10	4.15	4.10	4.11	4.23	3.88	3.94	4.08	4.15	1.6%	3.6%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	1.1%	0.0%	0.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.8%	0.1%			
<b>U.S. Jet Fuel</b>																			
Current	1.60	1.68	1.71	1.73	1.64	1.71	1.77	1.73	1.67	1.75	1.80	1.77	1.61	1.68	1.71	1.75	4.2%	1.7%	2.1%
Previous	1.60	1.68	1.71	1.73	1.64	1.71	1.77	1.73	1.67	1.75	1.80	1.77	1.61	1.68	1.71	1.75	4.2%	1.8%	2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%			
<b>U.S. Hydrocarbon Gas Liquids</b>																			
Current	2.79	2.45	2.33	2.81	3.22	2.64	2.67	3.06	3.18	2.78	2.91	3.28	2.54	2.60	2.90	3.04	2.4%	11.5%	4.9%
Previous	2.79	2.45	2.33	2.81	3.22	2.67	2.71	3.12	3.20	2.79	3.01	3.36	2.54	2.60	2.93	3.09	2.4%	12.8%	5.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.2%	-1.5%	-1.9%	-0.7%	-0.3%	-3.2%	-2.5%	0.0%	0.0%	-1.1%	-1.7%			
<b>U.S. Total Petroleum and Other Liquid Fuels</b>																			
Current	19.49	20.03	19.92	20.05	20.24	20.20	20.52	20.43	20.25	20.50	20.92	20.90	19.69	19.88	20.35	20.64	1.0%	2.4%	1.5%
Previous	19.49	20.03	19.92	20.05	20.24	20.19	20.49	20.48	20.26	20.47	20.99	20.98	19.69	19.88	20.35	20.68	1.0%	2.4%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	-0.1%	0.2%	-0.3%	-0.4%	0.0%	0.0%	0.0%	-0.2%			
<b>U.S. Closing Stocks (million barrels)</b>																			
<b>U.S. Crude Oil</b>																			
Current	537.9	500.4	469.1	421.1	423.4	414.3	408.8	414.5	465.3	468.2	461.3	469.9	484.6	421.1	414.5	469.9	-13.1%	-1.6%	13.4%
Previous	537.9	500.4	469.1	421.1	423.4	417.3	410.0	415.3	465.9	468.7	461.8	470.4	484.6	421.1	415.3	470.4	-13.1%	-1.4%	13.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.3%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%			
<b>U.S. Total Gasoline</b>																			
Current	239.0	237.9	223.8	236.7	239.6	239.5	227.5	239.1	242.4	239.2	232.9	245.7	238.6	236.7	239.1	245.7	-0.8%	1.0%	2.8%
Previous	239.0	237.9	223.8	236.7	239.6	239.6	229.6	240.4	243.4	239.8	234.5	246.9	238.6	236.7	240.4	246.9	-0.8%	1.5%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.9%	-0.5%	-0.4%	-0.3%	-0.7%	-0.5%	0.0%	0.0%	-0.5%	-0.5%			
<b>U.S. Distillate Fuel Oil</b>																			
Current	151.1	151.6	137.5	145.6	130.4	118.7	126.7	131.3	121.6	124.2	129.2	134.4	166.1	145.6	131.3	134.4	-12.4%	-9.8%	2.3%
Previous	151.1	151.6	137.5	145.6	130.4	117.7	125.2	130.2	120.8	123.6	128.6	133.7	166.1	145.6	130.2	133.7	-12.4%	-10.6%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	1.2%	0.8%	0.7%	0.5%	0.5%	0.5%	0.0%	0.0%	0.8%	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. Natural Gas

Current Forecast: August 7, 2018; Previous Forecast: July 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
<b>U.S. Supply (billion cubic feet per day)</b>																			
<b>U.S. Total Marketed Production</b>																			
Current	76.32	77.36	79.30	82.72	84.25	86.68	88.56	89.62	90.48	90.82	90.82	91.07	77.81	78.94	87.30	90.80	1.5%	10.6%	4.0%
Previous	76.32	77.36	79.30	82.72	84.28	87.13	88.77	89.83	90.68	91.01	91.16	91.66	77.81	78.94	87.52	91.13	1.5%	10.9%	4.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.2%	-0.2%	-0.2%	-0.2%	-0.4%	-0.6%	0.0%	0.0%	-0.3%	-0.4%			
<b>U.S. Federal GOM Marketed Production</b>																			
Current	3.26	2.99	2.91	2.52	2.57	2.53	2.58	2.62	2.62	2.56	2.45	2.44	3.30	2.92	2.58	2.51	-11.4%	-11.8%	-2.5%
Previous	3.26	2.99	2.91	2.52	2.57	2.61	2.56	2.60	2.58	2.53	2.42	2.41	3.30	2.92	2.59	2.48	-11.4%	-11.5%	-3.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-3.0%	0.6%	0.9%	1.4%	1.0%	1.2%	1.1%	0.0%	0.0%	-0.3%	1.2%			
<b>U.S. Lower 48 ex GOM Marketed Production</b>																			
Current	72.05	73.40	75.56	79.22	80.68	83.25	85.21	86.06	86.85	87.42	87.59	87.69	73.59	75.08	83.82	87.39	2.0%	11.6%	4.3%
Previous	72.05	73.40	75.56	79.22	80.72	83.65	85.44	86.29	87.09	87.63	87.97	88.31	73.59	75.08	84.04	87.75	2.0%	11.9%	4.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.3%	-0.3%	-0.3%	-0.2%	-0.4%	-0.7%	0.0%	0.0%	-0.3%	-0.4%			
<b>U.S. Pipeline Gross Imports</b>																			
Current	8.9	7.8	7.7	8.1	8.8	7.6	7.1	7.5	8.4	7.5	7.5	8.3	8.0	8.1	7.8	7.9	1.9%	-4.5%	2.4%
Previous	8.9	7.8	7.7	8.1	8.8	7.8	7.3	7.6	8.3	7.4	7.3	7.8	8.0	8.1	7.9	7.7	1.9%	-3.2%	-2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.8%	-2.3%	-0.2%	0.8%	2.2%	3.1%	6.1%	0.0%	0.0%	-1.3%	3.1%			
<b>U.S. LNG Gross Imports</b>																			
Current	0.29	0.18	0.17	0.21	0.33	0.10	0.15	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.21	0.22	-11.5%	-1.5%	3.0%
Previous	0.29	0.18	0.17	0.21	0.33	0.15	0.18	0.26	0.32	0.17	0.17	0.21	0.24	0.21	0.23	0.22	-11.5%	8.0%	-6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-34.6%	-16.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.8%	0.0%			
<b>U.S. Gross Exports</b>																			
Current	8.87	8.29	8.10	9.45	9.65	9.01	9.76	11.33	12.85	12.63	13.30	15.28	6.38	8.68	9.94	13.52	36.0%	14.6%	36.0%
Previous	8.87	8.29	8.10	9.45	9.64	9.52	9.91	11.20	12.97	12.31	13.09	15.12	6.38	8.68	10.07	13.38	36.0%	16.0%	32.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-5.3%	-1.5%	1.1%	-0.9%	2.6%	1.6%	1.0%	0.0%	0.0%	-1.3%	1.1%			
<b>U.S. Consumption (billion cubic feet per day)</b>																			
<b>U.S. Residential</b>																			
Current	22.17	6.65	3.55	16.26	25.73	8.06	3.72	15.64	24.55	7.64	3.74	15.61	11.87	12.12	13.23	12.83	2.1%	9.2%	-3.0%
Previous	22.17	6.65	3.55	16.26	25.74	8.24	3.68	15.75	25.35	7.60	3.68	15.62	11.87	12.12	13.30	13.01	2.1%	9.8%	-2.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-2.2%	1.2%	-0.8%	-3.2%	0.6%	1.5%	-0.1%	0.0%	0.0%	-0.5%	-1.4%			
<b>U.S. Commercial</b>																			
Current	13.50	5.83	4.55	11.01	15.34	6.61	4.44	9.88	14.70	6.09	4.47	9.87	8.48	8.70	9.04	8.76	2.6%	3.9%	-3.2%
Previous	13.50	5.83	4.55	11.01	15.35	6.74	4.51	9.88	14.58	6.14	4.52	9.86	8.48	8.70	9.10	8.75	2.6%	4.5%	-3.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-2.0%	-1.5%	0.0%	0.8%	-0.9%	-1.2%	0.1%	0.0%	0.0%	-0.6%	0.1%			
<b>U.S. Industrial</b>																			
Current	22.96	20.45	20.34	22.85	24.32	21.66	20.71	23.29	23.80	21.36	21.09	23.71	21.10	21.65	22.49	22.49	2.6%	3.9%	0.0%
Previous	22.96	20.45	20.34	22.85	24.32	21.32	20.73	23.34	23.80	21.32	21.03	23.66	21.10	21.65	22.42	22.45	2.6%	3.6%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	-0.1%	-0.2%	0.0%	0.2%	0.3%	0.2%	0.0%	0.0%	0.3%	0.2%			
<b>U.S. Electric Power Sector</b>																			
Current	20.95	24.00	32.28	24.03	24.53	27.67	34.30	24.68	24.64	26.74	34.89	25.78	27.28	25.34	27.81	28.03	-7.1%	9.7%	0.8%
Previous	20.95	24.00	32.28	24.03	24.53	27.60	34.11	24.86	24.59	26.52	34.82	25.68	27.28	25.34	27.79	27.92	-7.1%	9.7%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.6%	-0.7%	0.2%	0.8%	0.2%	0.4%	0.0%	0.0%	0.1%	0.4%			
<b>U.S. Total Consumption</b>																			
Current	86.15	62.96	66.96	80.94	97.21	70.74	69.98	80.63	95.28	68.89	71.37	82.56	75.10	74.22	79.57	79.47	-1.2%	7.2%	-0.1%
Previous	86.15	62.96	66.96	80.94	97.24	70.70	69.90	81.06	96.01	68.69	71.30	82.50	75.10	74.22	79.65	79.57	-1.2%	7.3%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.5%	-0.8%	0.3%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%			
<b>U.S. Working Gas in Storage (billion cubic feet)</b>																			
Current	2,063	2,907	3,567	3,033	1,392	2,193	3,012	2,801	1,377	2,324	3,076	2,674	3,297	3,033	2,801	2,674	-8.0%	-7.6%	-4.5%
Previous	2,063	2,907	3,567	3,032	1,391	2,193	3,143	2,972	1,564	2,550	3,304	2,859	3,297	3,032	2,972	2,859	-8.0%	-2.0%	-3.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-4.1%	-5.7%	-12.0%	-8.8%	-6.9%	-6.5%	0.0%	0.0%	-5.7%	-6.5%			
<b>U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)</b>																			
Current	0.70	0.16	0.22	-0.84	0.80	0.17	-0.97	-1.45	-0.48	-0.08	0.85	0.52	-0.66	0.06	-0.37	0.21			
Previous	0.70	0.16	0.22	-0.84	0.79	-0.13	0.06	-0.96	0.39	-0.23	0.46	-0.28	-0.66	0.06	-0.06	0.08			

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

Current Forecast: August 7, 2018; Previous Forecast: July 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
<b>U.S. Electricity Generation, All Sectors (thousand megawatthours per day)</b>																			
<b>U.S. Total Generation</b>																			
Current	10,579	10,690	12,151	10,566	11,107	11,154	12,474	10,544	11,015	10,749	12,445	10,633	11,138	10,999	11,321	11,213	-1.2%	2.9%	-1.0%
Previous	10,579	10,690	12,151	10,566	11,107	11,176	12,341	10,554	11,020	10,700	12,435	10,616	11,138	10,999	11,296	11,195	-1.2%	2.7%	-0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	1.1%	-0.1%	0.0%	0.5%	0.1%	0.2%	0.0%	0.0%	0.2%	0.2%			
<b>U.S. Coal</b>																			
Current	3,242	3,100	3,762	3,128	3,127	2,959	3,752	3,056	3,205	2,669	3,513	2,877	3,386	3,309	3,225	3,066	-2.3%	-2.6%	-4.9%
Previous	3,242	3,100	3,762	3,128	3,127	2,939	3,643	3,028	3,206	2,631	3,484	2,856	3,386	3,309	3,185	3,045	-2.3%	-3.7%	-4.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	3.0%	0.9%	0.0%	1.4%	0.8%	0.7%	0.0%	0.0%	1.2%	0.7%			
<b>U.S. Natural gas</b>																			
Current	2,969	3,286	4,359	3,322	3,442	3,811	4,661	3,479	3,495	3,705	4,751	3,636	3,766	3,487	3,850	3,899	-7.4%	10.4%	1.3%
Previous	2,969	3,286	4,359	3,322	3,442	3,824	4,641	3,511	3,497	3,685	4,752	3,631	3,766	3,487	3,857	3,894	-7.4%	10.6%	1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	-0.9%	-0.1%	0.5%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.1%			
<b>U.S. Petroleum</b>																			
Current	59	54	56	62	101	51	63	56	75	58	65	57	66	58	68	64	-12.6%	17.3%	-6.1%
Previous	59	54	56	62	101	59	65	57	75	58	65	57	66	58	70	64	-12.6%	21.6%	-9.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-13.2%	-2.3%	-1.1%	-0.6%	0.2%	0.1%	0.1%	0.0%	0.0%	-3.5%	-0.1%			
<b>U.S. Nuclear</b>																			
Current	2,242	2,034	2,302	2,243	2,294	2,157	2,285	2,133	2,240	2,097	2,272	2,135	2,201	2,205	2,217	2,186	0.2%	0.5%	-1.4%
Previous	2,242	2,034	2,302	2,243	2,294	2,157	2,267	2,136	2,240	2,097	2,272	2,135	2,201	2,205	2,213	2,186	0.2%	0.4%	-1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%			
<b>U.S. Conventional Hydroelectric</b>																			
Current	918	1,010	717	647	854	898	662	621	751	862	723	632	732	822	758	742	12.3%	-7.8%	-2.2%
Previous	918	1,010	717	647	854	917	676	628	755	865	723	628	732	822	768	742	12.3%	-6.6%	-3.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.1%	-2.1%	-1.0%	-0.4%	-0.3%	0.0%	0.5%	0.0%	0.0%	-1.3%	-0.1%			
<b>U.S. Other Renewables</b>																			
Current	1,090	1,147	898	1,110	1,230	1,221	991	1,140	1,191	1,299	1,061	1,238	933	1,061	1,145	1,197	13.7%	7.9%	4.6%
Previous	1,090	1,147	898	1,110	1,230	1,218	987	1,136	1,189	1,304	1,077	1,250	933	1,061	1,142	1,204	13.7%	7.6%	5.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.4%	0.2%	-0.4%	-1.5%	-0.9%	0.0%	0.0%	0.2%	-0.6%			
<b>U.S. Electricity Sales (million kilowatthours per day)</b>																			
<b>U.S. Residential</b>																			
Current	3,712	3,428	4,458	3,507	4,093	3,595	4,652	3,541	4,082	3,407	4,559	3,567	3,855	3,778	3,971	3,904	-2.0%	5.1%	-1.7%
Previous	3,712	3,428	4,458	3,507	4,093	3,584	4,593	3,542	4,084	3,390	4,592	3,566	3,855	3,778	3,953	3,908	-2.0%	4.7%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.3%	0.0%	0.0%	0.5%	-0.7%	0.0%	0.0%	0.0%	0.4%	-0.1%			
<b>U.S. Commercial</b>																			
Current	3,513	3,637	4,079	3,551	3,592	3,684	4,131	3,559	3,598	3,635	4,113	3,570	3,735	3,696	3,743	3,730	-1.0%	1.2%	-0.3%
Previous	3,513	3,637	4,079	3,551	3,592	3,673	4,105	3,559	3,598	3,622	4,122	3,570	3,735	3,696	3,733	3,729	-1.0%	1.0%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.6%	0.0%	0.0%	0.4%	-0.2%	0.0%	0.0%	0.0%	0.3%	0.0%			
<b>U.S. Industrial</b>																			
Current	2,504	2,619	2,722	2,526	2,497	2,634	2,796	2,554	2,531	2,669	2,825	2,570	2,669	2,593	2,620.75	2,649	-2.8%	1.1%	1.1%
Previous	2,504	2,619	2,722	2,526	2,497	2,626	2,757	2,547	2,524	2,648	2,767	2,553	2,669	2,593	2,607	2,624	-2.8%	0.5%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.4%	0.3%	0.3%	0.8%	2.1%	0.7%	0.0%	0.0%	0.5%	1.0%			
<b>U.S. Total</b>																			
Current	9,750	9,704	11,280	9,605	10,205	9,932	11,599	9,675	10,233	9,730	11,517	9,726	10,280	10,088	10,354	10,303	-1.9%	2.6%	-0.5%
Previous	9,750	9,704	11,280	9,605	10,205	9,902	11,476	9,668	10,227	9,680	11,501	9,708	10,280	10,088	10,314	10,281	-1.9%	2.2%	-0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.1%	0.1%	0.1%	0.5%	0.1%	0.2%	0.0%	0.0%	0.4%	0.2%			

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: August 7, 2018; Previous Forecast: July 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
<b>U.S. Coal (million short tons)</b>																			
<b>U.S. Production</b>																			
Current	197.0	187.1	196.2	193.8	186.8	184.3	198.2	196.6	193.6	161.3	203.8	193.3	728	774.1	766	752	6.3%	-1.1%	-1.8%
Previous	197.0	187.1	196.2	193.8	191.1	184.3	202.8	195.0	193.7	159.2	201.7	191.6	728	774	773	746	6.3%	-0.1%	-3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.3%	0.0%	-2.2%	0.8%	0.0%	1.3%	1.0%	0.9%	0.0%	0.0%	-1.0%	0.8%			
<b>U.S. Exports</b>																			
Current	22.3	21.8	24.6	28.2	27.2	29.6	22.9	22.9	23.5	23.5	24.7	24.8	60.3	97.0	102.5	96.4	60.9%	5.7%	-5.9%
Previous	22.3	21.8	24.6	28.2	27.2	30.0	23.8	23.0	24.5	24.3	25.1	24.9	60.3	97.0	104.0	98.7	60.9%	7.3%	-5.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.2%	-3.9%	-0.7%	-4.2%	-3.1%	-1.6%	-0.6%	0.0%	0.0%	-1.4%	-2.4%			
<b>U.S. Imports</b>																			
Current	1.9	2.2	2.3	1.4	1.4	1.7	2.6	2.4	1.1	2.0	2.6	2.3	9.8	7.8	8.0	8.1	-21.0%	2.9%	0.9%
Previous	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	8.1	9.3	-21.0%	4.6%	14.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-4.2%	-1.7%	-0.6%	-21.5%	-13.3%	-10.2%	-11.4%	0.0%	0.0%	-1.6%	-13.0%			
<b>U.S. Electric Power Demand</b>																			
Current	160.3	154.2	190.6	159.6	155.0	149.1	190.3	156.1	157.8	133.4	177.8	146.8	679	665	651	616	-2.0%	-2.1%	-5.3%
Previous	160.3	154.2	190.6	159.6	155.0	147.0	184.4	154.6	157.8	131.5	176.3	145.7	679	665	641	611	-2.0%	-3.6%	-4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	3.2%	1.0%	0.0%	1.4%	0.9%	0.7%	0.0%	0.0%	1.5%	0.7%			
<b>U.S. Secondary Stocks</b>																			
Current	166.6	163.0	144.8	142.4	131.1	127.4	114.9	122.8	121.6	119.7	114.4	123.7	167.7	142.4	122.8	123.7	-15.1%	-13.8%	0.7%
Previous	166.6	163.0	144.8	142.4	131.4	126.7	114.9	123.0	121.7	119.7	114.3	123.6	167.7	142.4	123.0	123.6	-15.1%	-13.7%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	0.6%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%			
<b>U.S. Carbon Dioxide Emissions</b>																			
<b>Petroleum</b>																			
Current	565.0	587.7	593.3	592.4	580.6	589.0	600.4	594.7	578.6	593.5	609.1	604.4	2,327	2,338	2,365	2,386	0.5%	1.1%	0.9%
Previous	565.0	587.7	593.3	592.4	580.6	587.1	599.9	594.9	578.3	592.5	609.1	605.0	2,327	2,338	2,363	2,385	0.5%	1.0%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%			
<b>Coal</b>																			
Current	319.2	307.2	374.5	317.4	308.5	294.9	372.9	313.7	314.9	267.2	350.1	297.7	1354.2	1318.3	1290.0	1229.9	-2.6%	-2.1%	-4.7%
Previous	319.2	307.2	374.5	317.4	309.0	292.9	363.8	313.1	316.1	264.7	349.2	297.3	1354.2	1318.3	1278.8	1227.4	-2.6%	-3.0%	-4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	0.7%	2.5%	0.2%	-0.4%	0.9%	0.3%	0.1%	0.0%	0.0%	0.9%	0.2%			
<b>Natural Gas</b>																			
Current	422.5	311.4	334.7	405.4	477.1	350.1	349.8	403.7	467.6	340.6	356.7	413.4	1496.4	1473.9	1580.7	1578.3	-1.5%	7.2%	-0.1%
Previous	422.5	311.4	334.7	405.4	476.7	347.7	349.5	406.0	470.7	339.6	356.6	413.2	1496.4	1473.9	1580.0	1580.2	-1.5%	7.2%	0.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.7%	0.1%	-0.6%	-0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%			
<b>Total Fossil Fuel</b>																			
Current	1306.6	1206.3	1302.5	1315.2	1366.2	1234.0	1323.0	1312.2	1361.1	1201.3	1316.0	1315.5	5,178	5,131	5,235	5,194	-0.9%	2.0%	-0.8%
Previous	1306.6	1206.3	1302.5	1315.2	1366.3	1227.7	1313.1	1314.1	1365.2	1196.9	1314.8	1315.6	5,178	5,131	5,221	5,192	-0.9%	1.8%	-0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%	-0.1%	-0.3%	0.4%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%			

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: August 7, 2018; Previous Forecast: July 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
<b>U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)</b>																			
<b>U.S. Wind Power</b>																			
Current	0.637	0.628	0.425	0.654	0.720	0.657	0.469	0.664	0.689	0.707	0.507	0.729	2.094	2.345	2.510	2.632	12.0%	7.0%	4.9%
Previous	0.644	0.634	0.429	0.660	0.727	0.668	0.475	0.668	0.691	0.710	0.509	0.731	2.113	2.367	2.538	2.640	12.0%	7.2%	4.1%
Percent Change	-0.9%	-0.9%	-0.9%	-0.9%	-0.9%	-1.7%	-1.2%	-0.6%	-0.3%	-0.3%	-0.4%	-0.3%	-0.9%	-0.9%	-1.1%	-0.3%			
<b>U.S. Wood Biomass</b>																			
Current	0.534	0.524	0.543	0.543	0.545	0.542	0.558	0.549	0.537	0.532	0.555	0.550	2.131	2.145	2.194	2.174	0.6%	2.3%	-0.9%
Previous	0.534	0.524	0.543	0.543	0.545	0.535	0.551	0.545	0.535	0.530	0.553	0.548	2.131	2.145	2.177	2.166	0.6%	1.5%	-0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	1.2%	0.6%	0.4%	0.3%	0.4%	0.4%	0.0%	0.0%	0.8%	0.4%			
<b>U.S. Solar Power</b>																			
Current	0.138	0.240	0.235	0.161	0.180	0.288	0.281	0.188	0.192	0.316	0.318	0.216	0.569	0.774	0.938	1.042	36.2%	21.1%	11.1%
Previous	0.138	0.240	0.235	0.161	0.180	0.283	0.281	0.189	0.196	0.329	0.337	0.233	0.569	0.774	0.933	1.096	36.2%	20.5%	17.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	-0.1%	-0.3%	-2.2%	-4.0%	-5.8%	-7.3%	0.0%	0.0%	0.5%	-4.9%			
<b>U.S. Ethanol</b>																			
Current	0.278	0.301	0.304	0.302	0.283	0.298	0.313	0.302	0.284	0.306	0.311	0.304	1.182	1.186	1.195	1.204	0.3%	0.8%	0.7%
Previous	0.281	0.301	0.304	0.302	0.283	0.294	0.312	0.301	0.283	0.305	0.310	0.304	1.182	1.189	1.190	1.203	0.6%	0.1%	1.1%
Percent Change	-1.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.4%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	-0.2%	0.5%	0.1%			
<b>U.S. Biodiesel</b>																			
Current	0.054	0.079	0.080	0.066	0.057	0.069	0.089	0.093	0.066	0.085	0.098	0.101	0.291	0.279	0.308	0.350	-4.2%	10.5%	13.7%
Previous	0.054	0.079	0.080	0.066	0.057	0.072	0.089	0.093	0.066	0.085	0.098	0.101	0.291	0.279	0.311	0.350	-4.2%	11.4%	12.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.0%			
<b>U.S. Renewable Electric Power Sector Generation Capacity (MW)</b>																			
<b>Wind Power</b>																			
Current	82,919	83,378	84,109	87,488	88,505	88,629	89,859	94,578	95,453	96,184	97,342	104,975	81,198	87,488	94,578	104,975	7.7%	8.1%	11.0%
Previous	82,923	83,382	84,113	87,492	88,523	89,202	89,977	94,028	94,903	95,634	96,792	104,344	81,198	87,492	94,028	104,344	7.8%	7.5%	11.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.1%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%	0.0%	0.6%	0.6%			
<b>Wood Biomass</b>																			
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%			
<b>Solar Power</b>																			
Current	22,591	23,624	24,134	26,432	27,922	28,767	29,491	32,098	32,711	33,353	33,518	38,428	21,631	26,432	32,098	38,428	22.2%	21.4%	19.7%
Previous	22,601	23,635	24,148	26,573	27,876	28,823	29,427	32,096	33,818	35,680	36,970	43,540	21,631	26,573	32,096	43,540	22.8%	20.8%	35.7%
Percent Change	0.0%	0.0%	-0.1%	-0.5%	0.2%	-0.2%	0.2%	0.0%	-3.3%	-6.5%	-9.3%	-11.7%	0.0%	-0.5%	0.0%	-11.7%			

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