

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

Current Forecast: January 9, 2018; Previous Forecast: December 12, 2017

	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	9.80	10.04	10.24	10.30	10.51	10.71	10.83	10.80	11.04	8.86	9.30	10.27	10.85	5.0%	10.5%	5.6%
Previous	8.99	9.10	9.29	9.57	9.88	9.97	9.99	10.23	-	-	-	-	8.86	9.24	10.02	-	4.3%	8.4%	-
Percent Change	0.0%	0.0%	0.0%	2.4%	1.6%	2.7%	3.1%	2.8%	-	-	-	-	0.0%	0.6%	2.6%	-			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	71.28	72.09	73.99	76.84	79.29	80.13	81.04	81.19	81.80	82.55	83.42	84.30	72.85	73.57	80.42	83.02	1.0%	9.3%	3.2%
Previous	71.28	72.09	73.97	76.78	78.41	79.20	80.29	80.85	-	-	-	-	72.85	73.55	79.70	-	1.0%	8.4%	-
Percent Change	0.0%	0.0%	0.0%	0.1%	1.1%	1.2%	0.9%	0.4%	-	-	-	-	0.0%	0.0%	0.9%	-			
U.S. Coal Production (million short tons)																			
Current	197.0	187.1	196.2	192.7	189.7	169.2	203.5	196.4	185.1	161.2	201.0	193.8	728.4	773.0	758.7	741.2	6.1%	-1.8%	-2.3%
Previous	197.0	187.1	206.5	200.0	196.6	173.2	204.0	197.6	-	-	-	-	728.4	790.6	771.4	-	8.5%	-2.4%	-
Percent Change	0.0%	0.0%	-5.0%	-3.7%	-3.5%	-2.3%	-0.3%	-0.6%	-	-	-	-	0.0%	-2.2%	-1.6%	-			
U.S. Energy Consumption																			
U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)																			
Current	19.49	20.03	19.92	19.90	19.91	20.19	20.68	20.46	20.24	20.60	20.99	20.77	19.69	19.84	20.31	20.65	0.8%	2.4%	1.7%
Previous	19.49	20.03	19.92	19.95	19.80	20.15	20.67	20.43	-	-	-	-	19.69	19.85	20.26	-	0.8%	2.1%	-
Percent Change	0.0%	0.0%	0.0%	-0.2%	0.5%	0.2%	0.1%	0.2%	-	-	-	-	0.0%	-0.1%	0.2%	-			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	86.64	63.05	67.53	79.08	94.21	67.27	68.26	80.61	95.55	69.33	71.23	82.99	75.10	74.04	77.53	79.72	-1.4%	4.7%	2.8%
Previous	86.64	63.05	67.53	77.78	93.45	66.53	67.64	80.04	-	-	-	-	75.10	73.71	76.85	-	-1.9%	4.3%	-
Percent Change	0.0%	0.0%	0.0%	1.7%	0.8%	1.1%	0.9%	0.7%	-	-	-	-	0.0%	0.4%	0.9%	-			
U.S. Electricity Retail Sales (million kilowatthours per day)																			
Current	9,726	9,679	11,253	9,692	10,061	9,786	11,361	9,724	10,092	9,852	11,445	9,787	10,280	10,091	10,235	10,296	-1.8%	1.4%	0.6%
Previous	9,726	9,679	11,253	9,680	10,178	9,817	11,333	9,701	-	-	-	-	10,280	10,088	10,259	-	-1.9%	1.7%	-
Percent Change	0.0%	0.0%	0.0%	0.1%	-1.1%	-0.3%	0.2%	0.2%	-	-	-	-	0.0%	0.0%	-0.2%	-			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	25.08	23.24	24.40	24.36	25.45	23.10	24.39	24.75	25.63	23.38	24.69	25.04	97.41	97.08	97.69	98.74	-0.3%	0.6%	1.1%
Previous	25.02	23.22	24.20	24.39	25.42	23.04	24.31	24.68	-	-	-	-	97.50	96.83	97.44	-	-0.7%	0.6%	-
Percent Change	0.2%	0.1%	0.8%	-0.1%	0.1%	0.3%	0.3%	0.3%	-	-	-	-	-0.1%	0.3%	0.3%	-			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2009 dollars)																			
Current	16,903	17,031	17,170	17,278	17,364	17,457	17,550	17,656	17,763	17,870	17,977	18,081	16,716	17,096	17,507	17,923	2.3%	2.4%	2.4%
Previous	16,903	17,031	17,157	17,262	17,350	17,439	17,529	17,625	-	-	-	-	16,716	17,088	17,486	-	2.2%	2.3%	-
Percent Change	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	-	-	-	-	0.0%	0.0%	0.1%	-			
U.S. Manufacturing Production Index (index 2012 = 100)																			
Current	103.7	104.5	104.1	106.0	106.7	107.3	107.7	108.4	109.1	109.9	110.5	111.2	102.8	104.6	107.5	110.2	1.7%	2.8%	2.5%
Previous	103.7	104.4	103.9	105.1	105.5	105.9	106.4	107.0	-	-	-	-	102.8	104.3	106.2	-	1.4%	1.8%	-
Percent Change	0.0%	0.0%	0.2%	0.9%	1.2%	1.3%	1.2%	1.3%	-	-	-	-	0.0%	0.3%	1.3%	-			
U.S. Heating Degree Days																			
Current	1,858	428	65	1,462	2,137	493	79	1,529	2,115	492	79	1,527	3,880	3,813	4,238	4,213	-1.7%	11.2%	-0.6%
Previous	1,858	428	65	1,462	2,136	492	79	1,529	-	-	-	-	3,880	3,813	4,237	-	-1.7%	11.1%	-
Percent Change	0.0%	0.0%	0.2%	0.0%	0.1%	0.2%	-0.1%	0.0%	-	-	-	-	0.0%	0.0%	0.0%	-			
U.S. Cooling Degree Days																			
Current	70	402	837	116	43	397	834	91	43	398	836	91	1,557	1,425	1,366	1,368	-8.5%	-4.1%	0.2%
Previous	70	402	839	113	43	396	833	91	-	-	-	-	1,558	1,424	1,363	-	-8.6%	-4.3%	-
Percent Change	0.2%	-0.2%	-0.1%	2.1%	0.6%	0.4%	0.1%	0.0%	-	-	-	-	-0.1%	0.0%	0.2%	-			

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: January 9, 2018; Previous Forecast: December 12, 2017

	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	54.01	54.00	55.97	57.31	56.00	56.66	58.00	59.00	43.33	50.79	55.33	57.43	17.2%	8.9%	3.8%
Previous	51.64	48.15	48.16	54.35	51.79	52.00	52.30	54.95	-	-	-	-	43.33	50.56	52.77	-	16.7%	4.4%	-
Percent Change	0.0%	0.0%	0.0%	1.7%	4.3%	3.8%	7.0%	4.3%	-	-	-	-	0.0%	0.5%	4.8%	-			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	49.91	47.66	48.32	54.43	53.02	53.00	54.97	56.35	55.00	55.68	57.00	58.00	40.69	50.08	54.34	56.43	23.1%	8.5%	3.9%
Previous	49.91	47.66	47.72	53.43	50.80	51.01	51.32	54.02	-	-	-	-	40.69	49.67	51.78	-	22.1%	4.3%	-
Percent Change	0.0%	0.0%	1.2%	1.9%	4.4%	3.9%	7.1%	4.3%	-	-	-	-	0.0%	0.8%	4.9%	-			
Brent spot average (\$/barrel)																			
Current	53.57	49.59	52.09	61.42	59.68	58.00	59.97	61.31	60.00	60.66	62.00	63.00	43.74	54.15	59.74	61.43	23.8%	10.3%	2.8%
Previous	53.57	49.59	52.09	60.35	57.29	56.50	56.30	58.95	-	-	-	-	43.74	53.88	57.26	-	23.2%	6.3%	-
Percent Change	0.0%	0.0%	0.0%	1.8%	4.2%	2.7%	6.5%	4.0%	-	-	-	-	0.0%	0.5%	4.3%	-			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	2.33	2.38	2.44	2.51	2.51	2.61	2.62	2.52	2.45	2.66	2.66	2.54	2.15	2.42	2.57	2.58	12.4%	6.3%	0.4%
Previous	2.33	2.38	2.44	2.55	2.44	2.57	2.54	2.46	-	-	-	-	2.15	2.43	2.51	-	12.9%	3.3%	-
Percent Change	0.0%	0.0%	0.0%	-1.5%	2.9%	1.5%	3.0%	2.5%	-	-	-	-	0.0%	-0.4%	2.5%	-			
Diesel, retail including taxes (\$/gallon)																			
Current	2.57	2.55	2.63	2.87	2.97	2.89	2.94	3.00	2.96	2.97	3.03	3.08	2.31	2.65	2.95	3.01	14.8%	11.2%	2.0%
Previous	2.57	2.55	2.63	2.89	2.89	2.85	2.87	2.95	-	-	-	-	2.31	2.66	2.89	-	15.0%	8.7%	-
Percent Change	0.0%	0.0%	0.0%	-0.7%	2.7%	1.5%	2.4%	1.8%	-	-	-	-	0.0%	-0.2%	2.1%	-			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	2.47	2.38	2.34	2.75	2.90	2.72	2.73	2.84	2.86	2.75	2.78	2.88	2.10	2.54	2.84	2.84	20.9%	11.8%	0.1%
Previous	2.47	2.38	2.34	2.71	2.81	2.67	2.66	2.78	-	-	-	-	2.10	2.52	2.77	-	19.9%	9.9%	-
Percent Change	0.0%	0.0%	0.0%	1.3%	3.1%	2.1%	2.7%	2.1%	-	-	-	-	0.0%	0.9%	2.6%	-			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	3.01	3.08	2.95	2.90	3.08	2.75	2.79	2.91	3.14	2.76	2.80	2.98	2.51	2.99	2.88	2.92	18.7%	-3.4%	1.2%
Previous	3.01	3.08	2.95	3.01	3.26	3.10	2.99	3.13	-	-	-	-	2.51	3.01	3.12	-	19.8%	3.6%	-
Percent Change	0.0%	0.0%	0.0%	-3.5%	-5.7%	-11.2%	-6.6%	-6.9%	-	-	-	-	0.0%	-0.9%	-7.6%	-			
Residential Retail (\$ per thousand cubic feet)																			
Current	9.73	13.00	17.74	10.76	9.64	12.06	16.39	10.49	9.67	12.24	16.54	10.55	10.04	11.12	10.70	10.77	10.8%	-3.8%	0.7%
Previous	9.73	12.90	17.59	10.87	9.80	12.34	16.66	10.72	-	-	-	-	10.04	11.13	10.92	-	10.9%	-1.9%	-
Percent Change	0.0%	0.7%	0.8%	-1.0%	-1.6%	-2.2%	-1.6%	-2.1%	-	-	-	-	0.0%	-0.1%	-2.0%	-			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	2.08	2.12	2.07	2.15	2.20	2.20	2.22	2.21	2.22	2.20	2.22	2.20	2.11	2.10	2.21	2.21	-0.4%	5.1%	0.1%
Previous	2.08	2.12	2.07	2.20	2.20	2.20	2.22	2.20	-	-	-	-	2.11	2.12	2.20	-	0.2%	4.2%	-
Percent Change	-0.1%	0.1%	0.1%	-2.2%	0.2%	0.1%	0.4%	0.3%	-	-	-	-	0.0%	-0.5%	0.3%	-			
Natural Gas																			
Current	3.68	3.38	3.19	3.18	3.69	3.03	3.10	3.40	3.74	2.99	3.03	3.40	2.87	3.33	3.28	3.26	16.1%	-1.6%	-0.8%
Previous	3.68	3.38	3.19	3.56	4.12	3.58	3.29	3.74	-	-	-	-	2.87	3.43	3.64	-	19.2%	6.4%	-
Percent Change	-0.1%	0.0%	0.1%	-10.9%	-10.3%	-15.1%	-5.8%	-9.1%	-	-	-	-	0.0%	-2.7%	-9.9%	-			
Residual Fuel Oil																			
Current	11.16	10.60	10.03	10.99	11.59	11.84	11.43	11.55	11.46	12.04	11.82	11.84	8.46	10.68	11.59	11.76	26.2%	8.6%	1.4%
Previous	11.16	10.60	10.14	11.07	11.34	11.57	11.06	11.05	-	-	-	-	8.41	10.73	11.25	-	27.6%	4.9%	-
Percent Change	0.0%	0.0%	-1.1%	-0.8%	2.2%	2.3%	3.3%	4.5%	-	-	-	-	0.6%	-0.5%	3.0%	-			
U.S. Residential Retail Electricity (cents per kilowatthour)																			
Current	12.60	13.00	13.20	12.83	12.79	13.31	13.51	13.23	13.21	13.72	13.85	13.49	12.55	12.92	13.22	13.58	3.0%	2.3%	2.7%
Previous	12.60	13.00	13.20	12.70	12.73	13.39	13.62	13.15	-	-	-	-	12.55	12.89	13.23	-	2.7%	2.7%	-
Percent Change	0.0%	0.0%	0.0%	1.0%	0.5%	-0.5%	-0.8%	0.5%	-	-	-	-	0.0%	0.2%	-0.1%	-			

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: January 9, 2018; Previous Forecast: December 12, 2017

	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	26.92	27.09	27.83	28.51	29.15	29.33	29.91	29.99	30.37	30.37	30.81	26.54	27.24	29.23	30.39	2.6%	7.3%	4.0%
Previous	27.12	26.91	27.13	27.72	28.36	28.82	28.94	29.55	-	-	-	-	26.54	27.22	28.92	-	2.6%	6.2%	-
Percent Change	0.0%	0.0%	-0.1%	0.4%	0.5%	1.2%	1.4%	1.2%	-	-	-	-	0.0%	0.1%	1.1%	-			
OPEC (Organization of the Petroleum Exporting Countries) Supply																			
Current	38.84	39.32	39.68	39.40	39.29	39.67	39.80	39.81	39.77	39.97	40.32	40.43	39.23	39.31	39.64	40.12	0.2%	0.8%	1.2%
Previous	38.84	39.32	39.68	39.35	39.32	39.70	39.83	39.84	-	-	-	-	39.23	39.30	39.67	-	0.2%	0.9%	-
Percent Change	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-	-	-	-	0.0%	0.0%	-0.1%	-			
Non-OPEC Supply																			
Current	58.29	58.38	58.70	59.24	59.58	60.69	61.07	61.40	61.18	61.98	62.28	62.47	57.98	58.66	60.69	61.98	1.2%	3.5%	2.1%
Previous	58.30	58.40	58.77	59.17	59.37	60.29	60.61	61.05	-	-	-	-	58.00	58.66	60.34	-	1.1%	2.9%	-
Percent Change	0.0%	0.0%	-0.1%	0.1%	0.4%	0.7%	0.8%	0.6%	-	-	-	-	0.0%	0.0%	0.6%	-			
Total World Supply																			
Current	97.14	97.70	98.39	98.64	98.87	100.36	100.87	101.21	100.95	101.95	102.59	102.90	97.21	97.97	100.34	102.11	0.8%	2.4%	1.8%
Previous	97.15	97.71	98.46	98.53	98.69	100.00	100.43	100.89	-	-	-	-	97.24	97.97	100.01	-	0.7%	2.1%	-
Percent Change	0.0%	0.0%	-0.1%	0.1%	0.2%	0.4%	0.4%	0.3%	-	-	-	-	0.0%	0.0%	0.3%	-			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	46.78	46.91	47.43	47.33	47.45	46.83	48.04	48.10	47.82	47.19	48.33	48.44	46.74	47.11	47.61	47.95	0.8%	1.1%	0.7%
Previous	46.74	46.84	47.29	47.38	47.25	46.71	47.92	47.95	-	-	-	-	46.75	47.06	47.46	-	0.7%	0.8%	-
Percent Change	0.1%	0.2%	0.3%	-0.1%	0.4%	0.3%	0.3%	0.3%	-	-	-	-	0.0%	0.1%	0.3%	-			
Non-OECD Consumption																			
Current	50.73	51.35	51.38	51.63	51.91	52.60	52.65	52.83	53.10	53.90	54.00	54.23	50.20	51.28	52.50	53.81	2.1%	2.4%	2.5%
Previous	50.55	51.51	51.52	51.51	51.85	52.80	52.76	52.58	-	-	-	-	50.20	51.28	52.50	-	2.1%	2.4%	-
Percent Change	0.4%	-0.3%	-0.3%	0.2%	0.1%	-0.4%	-0.2%	0.5%	-	-	-	-	0.0%	0.0%	0.0%	-			
China Consumption																			
Current	13.43	13.22	12.90	13.29	13.74	13.54	13.25	13.72	13.99	13.86	13.60	14.11	12.81	13.21	13.56	13.89	3.1%	2.6%	2.4%
Previous	13.37	13.36	13.03	13.09	13.78	13.70	13.35	13.42	-	-	-	-	12.81	13.21	13.56	-	3.1%	2.6%	-
Percent Change	0.5%	-1.0%	-1.0%	1.6%	-0.3%	-1.1%	-0.8%	2.3%	-	-	-	-	0.0%	0.0%	0.0%	-			
Total World Consumption																			
Current	97.51	98.26	98.81	98.96	99.36	99.43	100.69	100.93	100.92	101.09	102.32	102.67	96.95	98.39	100.11	101.76	1.5%	1.7%	1.6%
Previous	97.29	98.35	98.81	98.89	99.10	99.51	100.68	100.54	-	-	-	-	96.95	98.34	99.96	-	1.4%	1.6%	-
Percent Change	0.2%	-0.1%	0.0%	0.1%	0.3%	-0.1%	0.0%	0.4%	-	-	-	-	0.0%	0.0%	0.1%	-			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	3,011	2,999	2,964	2,908	2,907	2,965	2,978	2,964	2,983	3,044	3,061	3,049	2,968	2,908	2,964	3,049	-2.0%	1.9%	2.9%
Previous	3,011	2,997	2,994	2,942	2,945	2,996	2,995	2,985	-	-	-	-	2,967	2,942	2,985	-	-0.9%	1.5%	-
Percent Change	0.0%	0.0%	-1.0%	-1.2%	-1.3%	-1.1%	-0.6%	-0.7%	-	-	-	-	0.0%	-1.2%	-0.7%	-			
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	2.16	1.82	1.69	1.64	1.45	1.40	1.24	1.27	1.15	2.09	1.82	1.34	82.7%	-12.9%	-26.6%
Previous	2.19	2.13	1.95	2.14	2.16	1.82	1.69	1.64	-	-	-	-	1.15	2.10	1.82	-	83.3%	-13.2%	-
Percent Change	0.0%	0.0%	-0.1%	-1.2%	0.0%	0.0%	0.0%	0.0%	-	-	-	-	0.0%	-0.3%	0.0%	-			
World Oil-Consumption-Weighted GDP Growth (annualized percent change)																			
Current	3.60	2.89	3.07	3.12	3.47	3.42	3.35	3.32	3.25	3.20	3.20	3.08	2.75	3.17	3.39	3.18			
Previous	3.53	2.81	2.85	2.83	3.17	3.14	3.20	3.24	-	-	-	-	2.65	3.00	3.18	-			

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: January 9, 2018; Previous Forecast: December 12, 2017

	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	9.80	10.04	10.24	10.30	10.51	10.71	10.83	10.80	11.04	8.86	9.30	10.27	10.85	5.0%	10.5%	5.6%
Previous	8.99	9.10	9.29	9.57	9.88	9.97	9.99	10.23	-	-	-	-	8.86	9.24	10.02	-	4.3%	8.4%	-
Percent Change	0.0%	0.0%	0.0%	2.4%	1.6%	2.7%	3.1%	2.8%	-	-	-	-	0.0%	0.6%	2.6%	-			
U.S. Natural Gas Plant Liquids Production																			
Current	3.54	3.70	3.72	3.90	3.92	4.16	4.34	4.41	4.36	4.59	4.65	4.67	3.51	3.71	4.21	4.57	5.9%	13.3%	8.7%
Previous	3.54	3.70	3.72	3.82	3.91	4.11	4.27	4.37	-	-	-	-	3.51	3.70	4.17	-	5.3%	12.7%	-
Percent Change	0.0%	0.0%	0.0%	2.0%	0.2%	1.2%	1.7%	0.9%	-	-	-	-	0.0%	0.5%	1.0%	-			
U.S. Ethanol Production																			
Current	1.04	1.01	1.02	1.05	1.02	1.04	1.04	1.04	1.01	1.04	1.04	1.04	1.00	1.03	1.03	1.03	2.9%	0.2%	-0.2%
Previous	1.04	1.01	1.02	1.05	1.02	1.03	1.04	1.04	-	-	-	-	1.00	1.03	1.03	-	2.8%	0.4%	-
Percent Change	0.0%	0.0%	0.0%	0.6%	-0.1%	0.2%	0.0%	-0.5%	-	-	-	-	0.0%	0.2%	-0.1%	-			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	4.28	4.25	3.83	2.58	3.54	3.50	3.35	2.40	2.77	2.93	2.81	2.00	4.79	3.73	3.20	2.62	-22.2%	-14.3%	-17.9%
Previous	4.28	4.25	3.83	2.90	3.60	3.92	3.73	2.59	-	-	-	-	4.79	3.81	3.46	-	-20.5%	-9.3%	-
Percent Change	0.0%	0.0%	0.0%	-11.0%	-1.4%	-10.8%	-10.0%	-7.1%	-	-	-	-	0.0%	-2.1%	-7.5%	-			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	8.95	9.54	9.56	9.16	8.94	9.54	9.60	9.24	8.97	9.58	9.66	9.33	9.32	9.30	9.33	9.39	-0.2%	0.3%	0.6%
Previous	8.95	9.54	9.56	9.21	8.92	9.52	9.60	9.29	-	-	-	-	9.32	9.32	9.34	-	0.0%	0.2%	-
Percent Change	0.0%	0.0%	0.0%	-0.6%	0.2%	0.2%	0.0%	-0.6%	-	-	-	-	0.0%	-0.2%	0.0%	-			
U.S. Distillate																			
Current	3.95	3.91	3.87	4.00	4.14	3.95	3.96	4.08	4.10	3.97	3.99	4.11	3.88	3.93	4.03	4.04	1.4%	2.5%	0.4%
Previous	3.95	3.91	3.87	3.97	4.09	3.94	3.94	4.05	-	-	-	-	3.88	3.93	4.01	4.05	1.3%	2.1%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.6%	1.0%	0.3%	0.4%	0.5%	-	-	-	-	0.0%	0.1%	0.6%	-0.1%			
U.S. Jet Fuel																			
Current	1.60	1.68	1.71	1.74	1.59	1.73	1.77	1.75	1.60	1.73	1.77	1.76	1.61	1.68	1.71	1.72	4.4%	1.4%	0.4%
Previous	1.60	1.68	1.71	1.71	1.57	1.72	1.77	1.64	-	-	-	-	1.61	1.68	1.68	-	3.9%	-0.1%	-
Percent Change	0.0%	0.0%	0.0%	1.8%	1.4%	0.5%	-0.1%	6.3%	-	-	-	-	0.0%	0.5%	2.0%	-			
U.S. Hydrocarbon Gas Liquids																			
Current	2.79	2.45	2.33	2.73	2.96	2.61	2.82	3.11	3.30	2.96	3.03	3.27	2.54	2.58	2.88	3.14	1.6%	11.7%	9.1%
Previous	2.79	2.45	2.33	2.72	2.93	2.58	2.80	3.11	-	-	-	-	2.54	2.57	2.86	-	1.5%	10.9%	-
Percent Change	0.0%	0.0%	0.0%	0.2%	1.1%	1.3%	0.7%	-0.1%	-	-	-	-	0.0%	0.0%	0.7%	-			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	19.49	20.03	19.92	19.90	19.91	20.19	20.68	20.46	20.24	20.60	20.99	20.77	19.69	19.84	20.31	20.65	0.8%	2.4%	1.7%
Previous	19.49	20.03	19.92	19.95	19.80	20.15	20.67	20.43	-	-	-	-	19.69	19.85	20.26	-	0.8%	2.1%	-
Percent Change	0.0%	0.0%	0.0%	-0.2%	0.5%	0.2%	0.1%	0.2%	-	-	-	-	0.0%	-0.1%	0.2%	-			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	537.9	500.4	469.1	423.8	465.6	454.6	436.2	435.1	479.5	483.1	467.0	467.8	484.6	423.8	435.1	467.8	-12.6%	2.7%	7.5%
Previous	537.9	500.4	469.1	441.1	477.8	479.3	464.3	461.3	-	-	-	-	484.6	441.1	461.3	-	-9.0%	4.6%	-
Percent Change	0.0%	0.0%	0.0%	-3.9%	-2.5%	-5.2%	-6.0%	-5.7%	-	-	-	-	0.0%	-3.9%	-5.7%	-			
U.S. Total Gasoline																			
Current	239.0	237.9	223.8	234.6	237.5	233.2	227.9	241.5	242.6	238.6	233.4	246.5	238.6	234.6	241.5	246.5	-1.7%	2.9%	2.1%
Previous	239.0	237.9	223.8	235.3	237.5	233.1	227.8	241.1	-	-	-	-	238.6	235.3	241.1	-	-1.4%	2.5%	-
Percent Change	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.2%	-	-	-	-	0.0%	-0.3%	0.2%	-			
U.S. Distillate Fuel Oil																			
Current	151.1	151.6	137.5	139.8	133.6	139.0	142.2	146.1	137.0	140.9	144.9	151.4	166.1	139.8	146.1	151.4	-15.8%	4.5%	3.6%
Previous	151.1	151.6	137.5	139.2	132.3	136.5	137.9	141.4	-	-	-	-	166.1	139.2	141.4	-	-16.2%	1.6%	-
Percent Change	0.0%	0.0%	0.0%	0.4%	1.0%	1.8%	3.2%	3.3%	-	-	-	-	0.0%	0.4%	3.3%	-			

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: January 9, 2018; Previous Forecast: December 12, 2017

	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	79.28	82.51	85.16	86.10	87.13	87.35	88.06	88.93	89.91	90.91	77.81	78.88	86.44	89.46	1.4%	9.6%	3.5%
Previous	76.32	77.36	79.26	82.28	84.07	84.96	86.19	86.85	-	-	-	-	77.81	78.82	85.53	-	1.3%	8.5%	-
Percent Change	0.0%	0.0%	0.0%	0.3%	1.3%	1.3%	1.1%	0.6%	-	-	-	-	0.0%	0.1%	1.1%	-			
U.S. Federal GOM Marketed Production																			
Current	3.26	2.99	2.91	2.99	3.45	3.33	3.21	3.22	3.45	3.28	3.16	3.17	3.30	3.04	3.30	3.27	-7.8%	8.7%	-1.1%
Previous	3.26	2.99	2.95	3.07	3.45	3.33	3.21	3.22	-	-	-	-	3.30	3.07	3.30	-	-6.9%	7.6%	-
Percent Change	0.0%	0.0%	-1.3%	-2.4%	0.0%	0.0%	0.0%	0.0%	-	-	-	-	0.0%	-0.9%	0.0%	-			
U.S. Lower 48 ex GOM Marketed Production																			
Current	72.05	73.40	75.54	78.55	80.70	81.92	83.15	83.20	83.60	84.79	85.97	86.81	73.59	74.90	82.25	85.30	1.8%	9.8%	3.7%
Previous	72.05	73.40	75.49	78.27	79.62	80.78	82.21	82.70	-	-	-	-	73.59	74.82	81.34	-	1.7%	8.7%	-
Percent Change	0.0%	0.0%	0.1%	0.3%	1.4%	1.4%	1.1%	0.6%	-	-	-	-	0.0%	0.1%	1.1%	-			
U.S. Pipeline Gross Imports																			
Current	8.9	7.8	7.7	7.5	8.3	7.8	7.4	7.3	8.6	7.9	7.8	7.8	8.0	8.0	7.7	8.0	0.0%	-3.4%	4.2%
Previous	8.9	7.8	7.7	7.4	8.3	7.8	7.5	7.0	-	-	-	-	8.0	7.9	7.6	-	-0.4%	-3.9%	-
Percent Change	0.0%	0.0%	0.0%	1.6%	0.2%	0.0%	-1.7%	5.2%	-	-	-	-	0.0%	0.4%	0.8%	-			
U.S. LNG Gross Imports																			
Current	0.29	0.18	0.17	0.17	0.29	0.16	0.18	0.22	0.29	0.16	0.18	0.25	0.24	0.20	0.21	0.22	-16.0%	4.7%	3.6%
Previous	0.29	0.18	0.17	0.22	0.29	0.16	0.18	0.22	-	-	-	-	0.24	0.21	0.21	-	-11.2%	-0.9%	-
Percent Change	0.0%	0.0%	0.0%	-21.3%	0.0%	0.0%	0.0%	0.0%	-	-	-	-	0.0%	-5.4%	0.0%	-			
U.S. Gross Exports																			
Current	8.87	8.29	8.09	9.07	10.90	9.74	9.80	10.50	12.84	11.92	12.95	13.64	6.38	8.58	10.23	12.84	34.5%	19.3%	25.5%
Previous	8.87	8.29	8.09	9.50	11.13	9.86	9.86	10.54	-	-	-	-	6.38	8.69	10.34	-	36.1%	19.0%	-
Percent Change	0.0%	0.0%	0.0%	-4.5%	-2.1%	-1.2%	-0.6%	-0.3%	-	-	-	-	0.0%	-1.2%	-1.1%	-			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	22.17	6.65	3.55	15.62	25.24	7.15	3.49	15.74	25.01	7.10	3.48	15.83	11.87	11.96	12.85	12.80	0.7%	7.5%	-0.4%
Previous	22.17	6.65	3.56	15.49	25.01	7.09	3.62	15.97	-	-	-	-	11.87	11.93	12.87	-	0.5%	7.9%	-
Percent Change	0.0%	0.0%	-0.1%	0.8%	0.9%	0.8%	-3.5%	-1.4%	-	-	-	-	0.0%	0.3%	-0.1%	-			
U.S. Commercial																			
Current	13.50	5.83	4.56	10.61	14.88	6.10	4.59	10.70	14.73	6.10	4.58	10.69	8.48	8.61	9.04	9.00	1.4%	5.1%	-0.5%
Previous	13.51	5.84	4.56	10.40	14.90	6.10	4.58	10.67	-	-	-	-	8.48	8.56	9.04	-	0.9%	5.6%	-
Percent Change	-0.1%	-0.1%	-0.1%	2.0%	-0.2%	0.0%	0.2%	0.3%	-	-	-	-	0.0%	0.6%	0.0%	-			
U.S. Industrial																			
Current	22.96	20.45	20.34	22.03	23.21	20.85	20.49	22.24	23.70	21.45	21.14	22.74	21.10	21.44	21.69	22.25	1.6%	1.2%	2.6%
Previous	22.96	20.45	20.33	21.61	23.07	20.72	20.43	22.20	-	-	-	-	21.10	21.33	21.60	-	1.1%	1.3%	-
Percent Change	0.0%	0.0%	0.0%	1.9%	0.6%	0.6%	0.3%	0.2%	-	-	-	-	0.0%	0.5%	0.4%	-			
U.S. Electric Power Sector																			
Current	21.43	24.08	32.82	24.11	23.66	26.52	32.97	24.83	24.58	27.69	34.85	26.16	27.28	25.64	27.01	28.34	-6.0%	5.4%	4.9%
Previous	21.43	24.08	32.82	23.52	23.20	25.98	32.28	24.06	-	-	-	-	27.28	25.49	26.40	-	-6.6%	3.6%	-
Percent Change	0.0%	0.0%	0.0%	2.5%	2.0%	2.1%	2.1%	3.2%	-	-	-	-	0.0%	0.6%	2.3%	-			
U.S. Total Consumption																			
Current	86.64	63.05	67.53	79.08	94.21	67.27	68.26	80.61	95.55	69.33	71.23	82.99	75.10	74.04	77.53	79.72	-1.4%	4.7%	2.8%
Previous	86.64	63.05	67.53	77.78	93.45	66.53	67.64	80.04	-	-	-	-	75.10	73.71	76.85	-	-1.9%	4.3%	-
Percent Change	0.0%	0.0%	0.0%	1.7%	0.8%	1.1%	0.9%	0.7%	-	-	-	-	0.0%	0.4%	0.9%	-			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	2,063	2,908	3,568	3,120	1,623	2,607	3,545	3,254	1,733	2,641	3,399	3,047	3,297	3,120	3,254	3,047	-5.4%	4.3%	-6.4%
Previous	2,063	2,908	3,568	3,148	1,703	2,647	3,531	3,210	-	-	-	-	3,297	3,148	3,210	-	-4.5%	1.9%	-
Percent Change	0.0%	0.0%	0.0%	-0.9%	-4.7%	-1.5%	0.4%	1.4%	-	-	-	-	0.0%	-0.9%	1.4%	-			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	1.17	0.21	0.73	-1.41	0.46	-0.46	-0.48	-0.96	0.66	0.43	0.85	0.25	-0.66	0.17	-0.37	0.55			
Previous	1.17	0.21	0.75	-1.83	1.39	-0.60	-1.01	-1.14	-	-	-	-	-0.72	0.07	-0.35	-			

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

Current Forecast: January 9, 2018; Previous Forecast: December 12, 2017

	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	10,577	10,684	12,152	10,603	10,790	10,753	12,226	10,569	10,829	10,835	12,327	10,648	11,139	11,007	11,087	11,163	-1.2%	0.7%	0.7%
Previous	10,577	10,684	12,152	10,547	10,906	10,782	12,195	10,542	-	-	-	-	11,139	10,993	11,108	-	-1.3%	1.0%	-
Percent Change	0.0%	0.0%	0.0%	0.5%	-1.1%	-0.3%	0.3%	0.3%	-	-	-	-	0.0%	0.1%	-0.2%	-			
U.S. Coal																			
Current	3,242	3,096	3,764	3,167	3,268	2,958	3,763	3,155	3,159	2,806	3,577	3,006	3,386	3,318	3,287	3,138	-2.0%	-0.9%	-4.5%
Previous	3,242	3,096	3,764	3,288	3,495	3,079	3,828	3,233	-	-	-	-	3,386	3,349	3,409	-	-1.1%	1.8%	-
Percent Change	0.0%	0.0%	0.0%	-3.7%	-6.5%	-3.9%	-1.7%	-2.4%	-	-	-	-	0.0%	-0.9%	-3.6%	-			
U.S. Natural gas																			
Current	2,965	3,288	4,359	3,347	3,293	3,589	4,385	3,421	3,376	3,727	4,604	3,582	3,766	3,493	3,674	3,825	-7.2%	5.2%	4.1%
Previous	2,965	3,288	4,359	3,276	3,223	3,507	4,286	3,314	-	-	-	-	3,766	3,475	3,584	-	-7.7%	3.1%	-
Percent Change	0.0%	0.0%	0.0%	2.2%	2.2%	2.4%	2.3%	3.2%	-	-	-	-	0.0%	0.5%	2.5%	-			
U.S. Petroleum																			
Current	61	54	56	55	89	63	70	62	77	64	70	63	66	56	71	68	-14.7%	25.4%	-3.3%
Previous	61	54	56	57	72	66	72	63	-	-	-	-	66	57	68	-	-13.8%	20.0%	-
Percent Change	0.0%	0.0%	0.0%	-4.1%	22.2%	-4.0%	-4.0%	-1.6%	-	-	-	-	0.0%	-1.0%	3.4%	-			
U.S. Nuclear																			
Current	2,247	2,034	2,302	2,239	2,223	2,097	2,280	2,138	2,200	2,070	2,240	2,084	2,201	2,206	2,185	2,148	0.2%	-0.9%	-1.7%
Previous	2,247	2,034	2,302	2,204	2,216	2,090	2,272	2,131	-	-	-	-	2,201	2,197	2,178	-	-0.2%	-0.9%	-
Percent Change	0.0%	0.0%	0.0%	1.6%	0.3%	0.3%	0.3%	0.3%	-	-	-	-	0.0%	0.4%	0.3%	-			
U.S. Conventional Hydroelectric																			
Current	918	1,010	717	637	752	791	703	633	768	808	723	654	732	819	720	738	12.0%	-12.2%	2.5%
Previous	918	1,010	717	635	743	792	715	643	-	-	-	-	732	819	723	-	11.9%	-11.7%	-
Percent Change	0.0%	0.0%	0.0%	0.2%	1.2%	-0.1%	-1.7%	-1.6%	-	-	-	-	0.0%	0.0%	-0.5%	-			
U.S. Other Renewables																			
Current	1,086	1,144	899	1,105	1,103	1,190	962	1,102	1,185	1,296	1,049	1,201	933	1,058	1,089	1,182	13.4%	2.9%	8.6%
Previous	1,086	1,144	899	1,033	1,095	1,184	959	1,102	-	-	-	-	933	1,040	1,085	-	11.4%	4.3%	-
Percent Change	0.0%	0.0%	0.0%	6.9%	0.8%	0.5%	0.4%	0.0%	-	-	-	-	0.0%	1.7%	0.4%	-			
U.S. Electricity Sales (million kilowatthours per day)																			
U.S. Residential																			
Current	3,704	3,421	4,450	3,501	3,983	3,504	4,515	3,523	3,987	3,528	4,554	3,553	3,855	3,771	3,882	3,906	-2.2%	2.9%	0.6%
Previous	3,704	3,421	4,450	3,447	4,044	3,498	4,504	3,469	-	-	-	-	3,855	3,757	3,879	-	-2.6%	3.2%	-
Percent Change	0.0%	0.0%	0.0%	1.6%	-1.5%	0.2%	0.2%	1.6%	-	-	-	-	0.0%	0.4%	0.1%	-			
U.S. Commercial																			
Current	3,498	3,622	4,063	3,587	3,551	3,644	4,081	3,589	3,563	3,667	4,104	3,599	3,735	3,694	3,718	3,734	-1.1%	0.6%	0.4%
Previous	3,498	3,622	4,063	3,554	3,547	3,644	4,042	3,530	-	-	-	-	3,735	3,686	3,692	-	-1.3%	0.2%	-
Percent Change	0.0%	0.0%	0.0%	0.9%	0.1%	0.0%	1.0%	1.7%	-	-	-	-	0.0%	0.2%	0.7%	-			
U.S. Industrial																			
Current	2,503	2,616	2,719	2,584	2,506	2,618	2,744	2,592	2,519	2,637	2,767	2,615	2,669	2,606	2,615.59	2,635	-2.3%	0.4%	0.8%
Previous	2,503	2,616	2,719	2,659	2,566	2,655	2,767	2,683	-	-	-	-	2,669	2,625	2,668	-	-1.6%	1.6%	-
Percent Change	0.0%	0.0%	0.0%	-2.8%	-2.3%	-1.4%	-0.8%	-3.4%	-	-	-	-	0.0%	-0.7%	-2.0%	-			
U.S. Total																			
Current	9,726	9,679	11,253	9,692	10,061	9,786	11,361	9,724	10,092	9,852	11,445	9,787	10,280	10,091	10,235	10,296	-1.8%	1.4%	0.6%
Previous	9,726	9,679	11,253	9,680	10,178	9,817	11,333	9,701	-	-	-	-	10,280	10,088	10,259	-	-1.9%	1.7%	-
Percent Change	0.0%	0.0%	0.0%	0.1%	-1.1%	-0.3%	0.2%	0.2%	-	-	-	-	0.0%	0.0%	-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: January 9, 2018; Previous Forecast: December 12, 2017

	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	192.7	189.7	169.2	203.5	196.4	185.1	161.2	201.0	193.8	728	773	759	741	6.1%	-1.8%	-2.3%
Previous	197.0	187.1	206.5	200.0	196.6	173.2	204.0	197.6	-	-	-	-	728	791	771	-	8.5%	-2.4%	-
Percent Change	0.0%	0.0%	-5.0%	-3.7%	-3.5%	-2.3%	-0.3%	-0.6%	-	-	-	-	0.0%	-2.2%	-1.6%	-			
U.S. Exports																			
Current	22.3	21.8	24.6	26.4	21.8	19.7	19.6	19.0	18.9	18.0	18.9	19.0	60.3	95.1	80.1	74.7	57.8%	-15.8%	-6.7%
Previous	22.3	21.8	24.6	20.2	19.3	18.7	18.2	17.3	-	-	-	-	60.3	89.0	73.5	-	47.6%	-17.4%	-
Percent Change	0.0%	0.0%	0.0%	30.3%	13.0%	5.3%	7.6%	9.8%	-	-	-	-	0.0%	6.9%	9.0%	-			
U.S. Imports																			
Current	1.9	2.2	2.3	1.9	1.4	2.3	2.9	2.6	1.4	2.3	2.9	2.6	9.8	8.3	9.2	9.3	-15.9%	11.1%	0.9%
Previous	1.9	2.2	2.3	1.7	1.3	2.2	2.9	2.6	-	-	-	-	9.8	8.1	9.1	-	-17.8%	12.6%	-
Percent Change	0.0%	0.0%	0.0%	11.4%	4.6%	0.9%	0.2%	0.1%	-	-	-	-	0.0%	2.4%	1.0%	-			
U.S. Electric Power Demand																			
Current	160.3	154.1	190.7	161.3	159.7	146.9	189.8	160.1	154.6	140.1	181.5	153.3	679	666	657	630	-1.8%	-1.5%	-4.1%
Previous	160.3	154.1	190.7	166.8	169.5	152.3	192.2	163.3	-	-	-	-	679	672	677	-	-1.0%	0.8%	-
Percent Change	0.0%	0.0%	0.0%	-3.3%	-5.8%	-3.6%	-1.2%	-2.0%	-	-	-	-	0.0%	-0.8%	-3.1%	-			
U.S. Secondary Stocks																			
Current	166.6	163.0	144.8	147.7	143.8	141.2	128.7	136.3	135.2	132.4	126.6	135.7	167.7	147.7	136.3	135.7	-11.9%	-7.7%	-0.4%
Previous	166.7	163.0	144.8	150.4	146.4	143.7	131.1	138.7	-	-	-	-	168.1	150.4	138.7	-	-10.5%	-7.8%	-
Percent Change	0.0%	0.0%	0.0%	-1.8%	-1.7%	-1.7%	-1.9%	-1.7%	-	-	-	-	-0.3%	-1.8%	-1.7%	-			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	565.0	587.8	593.3	584.6	575.1	587.5	602.7	595.6	576.7	590.9	606.6	601.0	2,327	2,331	2,361	2,375	0.1%	1.3%	0.6%
Previous	564.9	587.7	593.3	587.5	571.1	587.1	602.5	594.2	-	-	-	-	2,327	2,333	2,355	-	0.3%	0.9%	-
Percent Change	0.0%	0.0%	0.0%	-0.5%	0.7%	0.1%	0.0%	0.2%	-	-	-	-	0.0%	-0.1%	0.2%	-			
Coal																			
Current	321.3	309.2	376.3	323.3	320.7	294.0	375.3	324.8	311.2	281.7	360.4	313.3	1353.8	1330.1	1314.7	1266.6	-1.7%	-1.2%	-3.7%
Previous	322.1	310.6	381.6	339.7	341.1	304.6	380.6	333.3	-	-	-	-	1353.7	1354.0	1359.7	-	0.0%	0.4%	-
Percent Change	-0.2%	-0.5%	-1.4%	-4.8%	-6.0%	-3.5%	-1.4%	-2.6%	-	-	-	-	0.0%	-1.8%	-3.3%	-			
Natural Gas																			
Current	424.4	311.6	337.4	391.1	461.5	332.3	341.0	403.2	468.1	342.4	355.9	415.0	1494.5	1464.5	1538.0	1581.4	-2.0%	5.0%	2.8%
Previous	420.5	309.0	330.0	388.9	453.7	326.1	332.8	400.2	-	-	-	-	1494.5	1448.3	1512.7	-	-3.1%	4.4%	-
Percent Change	0.9%	0.8%	2.2%	0.6%	1.7%	1.9%	2.5%	0.8%	-	-	-	-	0.0%	1.1%	1.7%	-			
Total Fossil Fuel																			
Current	1310.7	1208.5	1307.0	1299.0	1357.3	1213.7	1319.0	1323.5	1356.0	1215.0	1322.9	1329.3	5,176	5,125	5,214	5,223	-1.0%	1.7%	0.2%
Previous	1307.5	1207.4	1304.9	1316.1	1365.9	1217.9	1315.9	1327.7	-	-	-	-	5,175	5,136	5,227	-	-0.8%	1.8%	-
Percent Change	0.2%	0.1%	0.2%	-1.3%	-0.6%	-0.3%	0.2%	-0.3%	-	-	-	-	0.0%	-0.2%	-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. Renewable Energy Consumption and Capacity

Current Forecast: January 9, 2018; Previous Forecast: December 12, 2017

	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	0.640	0.633	0.431	0.653	0.633	0.650	0.460	0.652	0.692	0.713	0.502	0.705	2.113	2.357	2.396	2.612	11.5%	1.7%	9.0%
Previous	0.640	0.633	0.431	0.604	0.633	0.650	0.460	0.654	-	-	-	-	2.113	2.308	2.398	-	9.2%	3.9%	-
Percent Change	0.0%	0.0%	0.0%	8.0%	0.0%	0.0%	0.0%	-0.3%	-	-	-	-	0.0%	2.1%	-0.1%	-			
U.S. Wood Biomass																			
Current	0.504	0.493	0.512	0.495	0.490	0.478	0.501	0.491	0.488	0.480	0.503	0.494	1.983	2.004	1.959	1.966	1.1%	-2.2%	0.3%
Previous	0.493	0.484	0.507	0.490	0.479	0.471	0.492	0.490	-	-	-	-	1.959	1.975	1.932	-	0.8%	-2.2%	-
Percent Change	2.1%	1.8%	1.0%	1.0%	2.2%	1.6%	1.7%	0.2%	-	-	-	-	1.2%	1.5%	1.4%	-			
U.S. Solar Power																			
Current	0.138	0.239	0.234	0.163	0.171	0.276	0.272	0.176	0.192	0.318	0.320	0.218	0.570	0.775	0.895	1.047	36.0%	15.5%	17.0%
Previous	0.143	0.243	0.235	0.157	0.166	0.272	0.269	0.175	-	-	-	-	0.587	0.779	0.882	-	32.6%	13.3%	-
Percent Change	-3.2%	-1.9%	-0.1%	3.8%	3.4%	1.4%	0.9%	0.8%	-	-	-	-	-3.0%	-0.5%	1.5%	-			
U.S. Ethanol																			
Current	0.281	0.301	0.304	0.306	0.285	0.309	0.313	0.304	0.288	0.312	0.316	0.307	1.182	1.193	1.210	1.223	0.9%	1.5%	1.0%
Previous	0.281	0.301	0.304	0.300	0.285	0.308	0.313	0.306	-	-	-	-	1.182	1.187	1.212	-	0.4%	2.1%	-
Percent Change	0.0%	0.0%	0.0%	1.8%	-0.2%	0.2%	0.0%	-0.6%	-	-	-	-	0.0%	0.5%	-0.1%	-			
U.S. Biodiesel																			
Current	0.054	0.079	0.080	0.087	0.054	0.071	0.082	0.085	0.059	0.078	0.090	0.093	0.291	0.300	0.291	0.319	3.0%	-2.8%	9.5%
Previous	0.054	0.079	0.080	0.096	0.065	0.070	0.079	0.078	-	-	-	-	0.291	0.309	0.291	-	6.1%	-5.6%	-
Percent Change	0.0%	0.0%	0.0%	-9.3%	-16.8%	1.1%	3.8%	8.9%	-	-	-	-	0.0%	-2.9%	-0.1%	-			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	82,898	83,361	84,081	87,911	88,180	88,807	89,770	96,058	96,641	97,289	97,789	104,089	81,198	87,911	96,058	104,089	8.3%	9.3%	8.4%
Previous	82,898	83,361	84,081	87,911	88,180	88,810	89,770	96,177	-	-	-	-	81,198	87,911	96,177	-	8.3%	9.4%	-
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-	-	-	-	0.0%	0.0%	-0.1%	-			
Wood Biomass																			
Current	3,128	3,128	3,178	3,178	3,178	3,272	3,272	3,272	3,337	3,337	3,379	3,379	3,166	3,178	3,272	3,379	0.4%	2.9%	3.3%
Previous	3,128	3,128	3,178	3,178	3,178	3,272	3,272	3,272	-	-	-	-	3,166	3,178	3,272	-	0.4%	2.9%	-
Percent Change	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	22,517	23,524	24,008	26,819	27,639	28,350	28,700	30,456	32,123	33,897	35,172	41,868	21,631	26,819	30,456	41,868	24.0%	13.6%	37.5%
Previous	22,485	23,488	23,964	26,700	27,393	28,102	28,451	30,205	-	-	-	-	21,631	26,700	30,205	-	23.4%	13.1%	-
Percent Change	0.1%	0.2%	0.2%	0.4%	0.9%	0.9%	0.9%	0.8%	-	-	-	-	0.0%	0.4%	0.8%	-			

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