

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Energy Supply</b>																			
<b>U.S. Crude Oil Production (million barrels per day)</b>																			
Current	10.23	10.54	11.24	11.79	12.15	12.41	12.42	12.65	12.97	13.18	13.20	13.45	9.35	10.96	12.41	13.20	17.2%	13.3%	6.4%
Previous	10.23	10.54	11.24	11.70	11.93	12.07	12.04	12.24	12.55	12.78	12.89	13.23	9.35	10.93	12.07	12.86	16.9%	10.4%	6.6%
Percent Change	0.0%	0.0%	0.0%	0.8%	1.9%	2.8%	3.2%	3.4%	3.3%	3.1%	2.5%	1.6%	0.0%	0.2%	2.8%	2.6%			
<b>U.S. Dry Natural Gas Production (billion cubic feet per day)</b>																			
Current	79.13	81.17	84.96	87.67	88.48	90.16	90.80	91.18	91.63	92.11	92.16	92.31	74.77	83.26	90.16	92.05	11.4%	8.3%	2.1%
Previous	79.13	81.17	84.95	87.87	89.39	90.17	90.43	90.77	91.48	91.98	92.37	93.05	74.77	83.31	90.19	92.22	11.4%	8.3%	2.2%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-1.0%	0.0%	0.4%	0.5%	0.2%	0.1%	-0.2%	-0.8%	0.0%	-0.1%	0.0%	-0.2%			
<b>U.S. Coal Production (million short tons)</b>																			
Current	187.6	180.8	194.7	190.6	185.6	158.1	191.5	187.0	184.1	147.2	173.2	176.9	774.6	753.7	722.2	681.5	-2.7%	-4.2%	-5.6%
Previous	187.6	180.8	194.7	191.7	190.8	159.2	189.8	189.8	181.7	145.1	174.8	178.1	774.6	754.8	729.5	679.7	-2.6%	-3.4%	-6.8%
Percent Change	0.0%	0.0%	0.0%	-0.6%	-2.7%	-0.7%	0.9%	-1.4%	1.3%	1.5%	-0.9%	-0.7%	0.0%	-0.1%	-1.0%	0.3%			
<b>U.S. Energy Consumption</b>																			
<b>U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)</b>																			
Current	20.24	20.33	20.63	20.69	20.59	20.76	21.07	20.85	20.78	20.98	21.36	21.03	19.96	20.47	20.82	21.04	2.6%	1.7%	1.1%
Previous	20.24	20.33	20.63	20.64	20.54	20.69	21.02	20.84	20.77	20.93	21.32	21.03	19.96	20.46	20.77	21.01	2.5%	1.5%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.2%	0.2%	0.3%	0.2%	0.0%	0.1%	0.2%	0.2%	0.0%	0.0%	0.1%	0.2%	0.1%			
<b>U.S. Natural Gas Consumption (billion cubic feet per day)</b>																			
Current	97.54	70.66	74.04	84.71	99.06	71.62	74.22	85.46	99.02	72.46	76.64	86.19	74.32	81.68	82.53	83.56	9.9%	1.0%	1.3%
Previous	97.54	70.66	74.04	84.32	99.40	71.44	74.36	85.65	99.26	72.28	76.07	86.63	74.32	81.58	82.65	83.55	9.8%	1.3%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.5%	-0.3%	0.3%	-0.2%	-0.2%	-0.2%	0.2%	0.8%	-0.5%	0.0%	0.1%	-0.1%	0.0%			
<b>U.S. Electricity Retail Sales (million kilowatthours per day)</b>																			
Current	10,230	9,948	11,718	9,759	10,122	9,725	11,494	9,709	10,264	9,778	11,542	9,732	10,201	10,416	10,265	10,331	2.1%	-1.5%	0.6%
Previous	10,230	9,948	11,718	9,799	10,224	9,726	11,489	9,744	10,284	9,772	11,531	9,759	10,201	10,426	10,298	10,338	2.2%	-1.2%	0.4%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-1.0%	0.0%	0.0%	-0.4%	-0.2%	0.1%	0.1%	-0.3%	0.0%	-0.1%	-0.3%	-0.1%			
<b>U.S. Total Energy Consumption (quadrillion Btu)</b>																			
Current	26.42	24.05	25.16	25.37	26.12	23.56	24.75	25.22	26.58	23.65	24.86	25.22	97.81	101.00	99.64	100.31	3.3%	-1.3%	0.7%
Previous	26.42	24.06	25.18	25.27	26.27	23.56	24.75	25.31	26.63	23.64	24.88	25.32	97.88	100.93	99.90	100.47	3.1%	-1.0%	0.6%
Percent Change	0.0%	0.0%	-0.1%	0.4%	-0.6%	0.0%	0.0%	-0.3%	-0.2%	0.0%	-0.1%	-0.4%	-0.1%	0.1%	-0.3%	-0.2%			
<b>U.S. Macroeconomic and Weather</b>																			
<b>U.S. Real Gross Domestic Product (billion chained 2012 dollars)</b>																			
Current	18,324	18,512	18,665	18,798	18,876	19,000	19,121	19,240	19,336	19,420	19,491	19,558	18,051	18,575	19,059	19,451	2.9%	2.6%	2.1%
Previous	18,324	18,512	18,672	18,792	18,890	19,012	19,141	19,266	19,355	19,439	19,502	19,560	18,051	18,575	19,077	19,464	2.9%	2.7%	2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%			
<b>U.S. Manufacturing Production Index (index 2012 = 100)</b>																			
Current	104.1	104.8	105.8	106.1	106.7	107.4	108.3	109.1	109.6	109.8	110.0	110.5	102.6	105.2	107.9	110.0	2.5%	2.5%	1.9%
Previous	104.1	104.8	105.8	106.4	107.8	108.7	109.6	110.4	110.8	111.0	111.0	111.3	102.6	105.3	109.1	111.0	2.6%	3.6%	1.8%
Percent Change	0.0%	0.0%	0.0%	-0.3%	-1.0%	-1.2%	-1.2%	-1.1%	-1.1%	-1.0%	-0.9%	-0.7%	0.0%	-0.1%	-1.1%	-0.9%			
<b>U.S. Heating Degree Days</b>																			
Current	2,129	522	48	1,549	2,103	486	73	1,525	2,111	486	73	1,523	3,829	4,249	4,186	4,192	11.0%	-1.5%	0.1%
Previous	2,129	522	48	1,552	2,132	481	73	1,525	2,111	480	73	1,523	3,829	4,251	4,211	4,188	11.0%	-1.0%	-0.6%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-1.4%	0.9%	-0.6%	0.0%	0.0%	1.1%	-0.6%	0.0%	0.0%	-0.1%	-0.6%	0.1%			
<b>U.S. Cooling Degree Days</b>																			
Current	52	476	958	99	38	391	851	91	43	394	852	91	1,427	1,585	1,370	1,380	11.1%	-13.5%	0.7%
Previous	52	476	958	98	41	394	850	91	43	395	851	91	1,427	1,584	1,375	1,381	11.0%	-13.2%	0.4%
Percent Change	0.0%	0.0%	0.0%	1.0%	-6.3%	-0.8%	0.1%	-0.1%	0.1%	-0.3%	0.1%	-0.1%	0.0%	0.1%	-0.4%	0.0%			

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

## STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Petroleum</b>																			
<b>WTI spot (\$/barrel)</b>																			
Current	62.90	68.07	69.69	59.59	53.10	53.69	54.97	57.33	58.00	58.00	58.00	58.00	50.79	65.06	54.79	58.00	28.1%	-15.8%	5.9%
Previous	62.90	68.07	69.69	59.59	50.00	51.97	55.97	58.64	60.00	61.00	61.00	61.00	50.79	65.06	54.19	60.76	28.1%	-16.7%	12.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	6.2%	3.3%	-1.8%	-2.2%	-3.3%	-4.9%	-4.9%	-4.9%	0.0%	0.0%	1.1%	-4.5%			
<b>Refiner composite crude oil acquisition cost (\$/barrel)</b>																			
Current	61.89	67.29	69.03	58.33	51.84	52.27	53.15	55.15	55.35	55.35	55.35	55.35	50.68	64.18	53.11	55.35	26.7%	-17.2%	4.2%
Previous	61.89	67.29	69.03	58.20	48.00	50.00	54.00	56.00	57.00	58.00	58.00	58.00	50.68	64.16	52.06	57.76	26.6%	-18.9%	11.0%
Percent Change	0.0%	0.0%	0.0%	0.2%	8.0%	4.5%	-1.6%	-1.5%	-2.9%	-4.6%	-4.6%	-4.6%	0.0%	0.0%	2.0%	-4.2%			
<b>Brent spot average (\$/barrel)</b>																			
Current	66.84	74.53	75.02	68.29	61.11	61.38	60.31	61.33	62.00	62.00	62.00	62.00	54.15	71.19	61.03	62.00	31.5%	-14.3%	1.6%
Previous	66.84	74.53	75.02	68.29	58.00	60.00	61.31	62.64	64.00	65.00	65.00	65.00	54.15	71.19	60.52	64.76	31.5%	-15.0%	7.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	5.4%	2.3%	-1.6%	-2.1%	-3.1%	-4.6%	-4.6%	-4.6%	0.0%	0.0%	0.8%	-4.3%			
<b>Gasoline, regular-grade retail including taxes (\$/gallon)</b>																			
Current	2.58	2.85	2.84	2.63	2.32	2.55	2.56	2.46	2.49	2.65	2.62	2.46	2.42	2.73	2.47	2.56	12.8%	-9.3%	3.5%
Previous	2.58	2.85	2.84	2.63	2.30	2.52	2.58	2.49	2.53	2.72	2.69	2.53	2.42	2.73	2.47	2.62	12.8%	-9.4%	6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	1.3%	-0.7%	-1.2%	-1.7%	-2.5%	-2.7%	-2.8%	0.0%	0.0%	0.0%	-2.4%			
<b>Diesel, retail including taxes (\$/gallon)</b>																			
Current	3.02	3.20	3.24	3.27	2.93	2.91	2.93	3.04	3.09	3.16	3.16	3.18	2.65	3.18	2.95	3.15	19.9%	-7.2%	6.5%
Previous	3.02	3.20	3.24	3.27	2.85	2.87	2.95	3.07	3.06	3.15	3.15	3.16	2.65	3.18	2.94	3.13	19.9%	-7.7%	6.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	2.9%	1.5%	-0.7%	-1.1%	1.1%	0.3%	0.1%	0.4%	0.0%	0.0%	0.6%	0.5%			
<b>Heating Oil, residential retail including taxes (\$/gallon)</b>																			
Current	2.87	2.99	3.25	3.15	2.93	2.75	2.73	2.87	3.01	2.94	2.94	3.02	2.51	3.02	2.86	2.99	20.4%	-5.2%	4.6%
Previous	2.87	2.99	3.25	3.14	2.89	2.71	2.74	2.89	3.05	2.99	3.00	3.08	2.51	3.01	2.85	3.04	20.0%	-5.3%	6.9%
Percent Change	0.0%	0.0%	0.0%	0.5%	1.2%	1.7%	-0.2%	-0.8%	-1.2%	-1.8%	-2.2%	-2.1%	0.0%	0.3%	0.4%	-1.7%			
<b>U.S. Natural Gas</b>																			
<b>Henry Hub spot (\$ per million Btu)</b>																			
Current	3.02	2.85	2.93	3.80	2.97	2.69	2.70	2.95	3.04	2.60	2.64	2.91	2.99	3.15	2.83	2.80	5.5%	-10.2%	-1.2%
Previous	3.02	2.85	2.93	3.78	3.03	2.73	2.74	3.05	3.27	2.77	2.66	2.97	2.99	3.15	2.89	2.92	5.3%	-8.2%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.5%	-2.0%	-1.4%	-1.3%	-3.1%	-7.2%	-6.2%	-0.5%	-2.3%	0.0%	0.2%	-2.0%	-4.2%			
<b>Residential Retail (\$ per thousand cubic feet)</b>																			
Current	9.37	11.94	17.93	9.98	9.70	11.96	16.59	10.69	9.88	12.26	16.75	10.68	10.86	10.50	10.79	10.92	-3.4%	2.8%	1.2%
Previous	9.37	11.94	17.93	10.33	9.77	12.00	16.63	10.73	10.01	12.43	16.85	10.71	10.86	10.61	10.84	11.00	-2.4%	2.2%	1.5%
Percent Change	0.0%	0.0%	0.0%	-3.3%	-0.7%	-0.3%	-0.2%	-0.4%	-1.3%	-1.4%	-0.6%	-0.2%	0.0%	-1.0%	-0.4%	-0.7%			
<b>U.S. Electric Utilities Fuel Costs (\$ per million Btu)</b>																			
<b>Coal</b>																			
Current	2.06	2.06	2.06	2.07	2.09	2.07	2.06	2.07	2.09	2.08	2.07	2.07	2.06	2.06	2.07	2.08	0.2%	0.6%	0.1%
Previous	2.06	2.06	2.06	2.09	2.08	2.07	2.06	2.08	2.08	2.08	2.07	2.07	2.06	2.07	2.07	2.08	0.4%	0.3%	0.1%
Percent Change	0.0%	0.0%	0.0%	-1.0%	0.3%	0.1%	0.0%	-0.3%	0.3%	0.1%	-0.1%	0.0%	0.0%	-0.3%	0.0%	0.1%			
<b>Natural Gas</b>																			
Current	3.96	3.09	3.23	3.99	3.49	2.85	2.77	3.29	3.55	2.73	2.63	3.18	3.37	3.52	3.06	2.97	4.5%	-13.0%	-3.0%
Previous	3.96	3.09	3.23	4.07	3.55	2.90	2.81	3.38	3.77	2.90	2.66	3.25	3.37	3.54	3.12	3.08	5.0%	-11.9%	-1.0%
Percent Change	0.0%	0.0%	0.0%	-2.1%	-1.5%	-1.5%	-1.2%	-2.7%	-5.8%	-5.7%	-1.1%	-2.0%	0.0%	-0.5%	-1.7%	-3.7%			
<b>Residual Fuel Oil</b>																			
Current	11.47	13.02	13.87	14.17	12.25	12.73	11.74	11.53	12.08	12.88	12.19	11.96	11.01	12.86	12.07	12.25	16.7%	-6.1%	1.5%
Previous	11.47	13.02	13.87	14.03	12.03	12.38	11.75	11.72	12.34	13.28	12.67	12.44	11.01	12.82	11.97	12.64	16.4%	-6.7%	5.7%
Percent Change	0.0%	0.0%	0.0%	1.0%	1.9%	2.9%	-0.1%	-1.6%	-2.1%	-3.0%	-3.8%	-3.9%	0.0%	0.3%	0.9%	-3.1%			
<b>U.S. Residential Retail Electricity (cents per kilowatt-hour)</b>																			
Current	12.59	13.03	13.15	12.81	12.94	13.51	13.46	13.08	13.08	13.73	13.68	13.31	12.89	12.91	13.25	13.45	0.2%	2.7%	1.5%
Previous	12.59	13.03	13.15	12.84	12.91	13.53	13.48	13.12	13.10	13.76	13.73	13.38	12.89	12.91	13.26	13.49	0.2%	2.7%	1.8%
Percent Change	0.0%	0.0%	0.0%	-0.2%	0.3%	-0.1%	-0.1%	-0.4%	-0.1%	-0.2%	-0.3%	-0.5%	0.0%	0.0%	-0.1%	-0.3%			

Prices are not adjusted for inflation.

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>World Crude Oil and Liquid Fuels Supply (million barrels per day)</b>																			
<b>OECD (Organization for Economic Cooperation and Development) Supply</b>																			
Current	29.14	29.27	30.40	31.00	31.15	31.75	31.91	32.55	33.04	33.48	33.57	34.22	27.68	29.96	31.84	33.58	8.2%	6.3%	5.5%
Previous	29.14	29.27	30.25	30.88	31.07	31.52	31.60	32.18	32.59	33.03	33.20	33.86	27.68	29.89	31.60	33.17	8.0%	5.7%	5.0%
Percent Change	0.0%	0.0%	0.5%	0.4%	0.2%	0.8%	1.0%	1.2%	1.4%	1.3%	1.1%	1.1%	0.0%	0.2%	0.8%	1.2%			
<b>OPEC (Organization of the Petroleum Exporting Countries) Supply</b>																			
Current	37.43	37.04	37.32	37.32	36.16	36.15	36.20	35.88	35.63	35.67	35.77	35.51	37.33	37.28	36.10	35.65	-0.1%	-3.2%	-1.3%
Previous	37.40	36.97	37.22	37.37	36.32	36.22	36.37	36.06	35.99	36.06	36.18	35.96	37.33	37.24	36.24	36.05	-0.2%	-2.7%	-0.5%
Percent Change	0.1%	0.2%	0.2%	-0.1%	-0.4%	-0.2%	-0.5%	-0.5%	-1.0%	-1.1%	-1.2%	-1.3%	0.0%	0.1%	-0.4%	-1.1%			
<b>Non-OPEC Supply</b>																			
Current	61.70	62.57	63.89	64.66	64.57	65.63	66.20	66.76	66.86	67.95	68.21	68.63	60.70	63.22	65.79	67.92	4.1%	4.1%	3.2%
Previous	61.70	62.58	63.78	64.57	64.49	65.47	65.89	66.30	66.36	67.46	67.77	68.17	60.71	63.17	65.54	67.44	4.1%	3.8%	2.9%
Percent Change	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.5%	0.7%	0.7%	0.7%	0.6%	0.7%	0.0%	0.1%	0.4%	0.7%			
<b>Total World Supply</b>																			
Current	99.13	99.61	101.21	101.99	100.73	101.77	102.40	102.64	102.49	103.63	103.97	104.14	98.03	100.49	101.89	103.56	2.5%	1.4%	1.6%
Previous	99.10	99.55	101.00	101.94	100.81	101.69	102.26	102.36	102.36	103.52	103.96	104.13	98.04	100.41	101.79	103.49	2.4%	1.4%	1.7%
Percent Change	0.0%	0.1%	0.2%	0.0%	-0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%			
<b>World Crude Oil and Liquid Fuels Consumption (million barrels per day)</b>																			
<b>OECD (Organization for Economic Cooperation and Development) Consumption</b>																			
Current	47.58	46.94	47.89	48.10	47.91	47.34	48.37	48.32	48.10	47.58	48.70	48.54	47.23	47.63	47.99	48.24	0.8%	0.7%	0.5%
Previous	47.58	46.94	47.86	48.12	47.98	47.38	48.42	48.42	48.28	47.72	48.85	48.74	47.23	47.63	48.05	48.40	0.8%	0.9%	0.7%
Percent Change	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	-0.1%	-0.2%	-0.4%	-0.3%	-0.3%	-0.4%	0.0%	0.0%	-0.1%	-0.3%			
<b>Non-OECD Consumption</b>																			
Current	51.46	52.53	52.53	52.79	52.74	53.65	53.70	53.75	53.86	54.90	54.95	55.05	51.32	52.33	53.46	54.69	2.0%	2.2%	2.3%
Previous	51.60	52.55	52.52	52.83	52.68	53.71	53.75	53.80	53.84	54.88	54.92	55.03	51.32	52.38	53.49	54.67	2.1%	2.1%	2.2%
Percent Change	-0.3%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%			
<b>China Consumption</b>																			
Current	13.80	14.00	13.73	13.95	14.28	14.47	14.20	14.41	14.76	14.95	14.67	14.90	13.36	13.87	14.34	14.82	3.8%	3.4%	3.3%
Previous	13.80	14.00	13.73	13.95	14.28	14.47	14.20	14.41	14.76	14.95	14.67	14.90	13.36	13.87	14.34	14.82	3.8%	3.4%	3.3%
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	99.04	99.47	100.42	100.89	100.64	100.99	102.06	102.07	101.96	102.49	103.65	103.60	98.55	99.96	101.45	102.93	1.4%	1.5%	1.5%
Previous	99.18	99.49	100.37	100.94	100.66	101.09	102.17	102.23	102.12	102.60	103.77	103.76	98.55	100.00	101.54	103.07	1.5%	1.5%	1.5%
Percent Change	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%			
<b>Closing Stocks (million barrels)</b>																			
<b>OECD Commercial Inventory</b>																			
Current	2,806	2,806	2,858	2,863	2,870	2,929	2,954	2,957	2,982	3,043	3,062	3,062	2,843	2,863	2,957	3,062	0.7%	3.3%	3.6%
Previous	2,806	2,806	2,856	2,883	2,893	2,945	2,962	2,951	2,965	3,018	3,033	3,025	2,843	2,883	2,951	3,025	1.4%	2.4%	2.5%
Percent Change	0.0%	0.0%	0.1%	-0.7%	-0.8%	-0.5%	-0.3%	0.2%	0.6%	0.8%	0.9%	1.2%	0.0%	-0.7%	0.2%	1.2%			
<b>OPEC Surplus Production Capacity and World Macroeconomic</b>																			
<b>OPEC Surplus Crude Oil Production Capacity (million barrels per day)</b>																			
Current	1.86	1.78	1.34	0.97	2.08	1.98	1.81	2.04	2.63	2.53	2.36	2.60	2.03	1.48	1.97	2.53	-27.0%	33.0%	28.1%
Previous	1.86	1.78	1.34	1.03	2.05	1.95	1.71	1.94	2.42	2.32	2.15	2.39	2.03	1.50	1.91	2.32	-26.3%	27.3%	21.5%
Percent Change	0.0%	0.0%	0.0%	-5.8%	1.5%	1.5%	5.9%	5.2%	8.7%	9.1%	9.8%	8.8%	0.0%	-1.0%	3.4%	9.1%			
<b>World Oil-Consumption-Weighted GDP Growth (annualized percent change)</b>																			
Current	3.28	3.23	2.99	2.92	2.83	2.78	2.87	2.89	2.22	3.16	3.14	3.17	3.13	3.10	2.84	2.92			
Previous	3.30	3.24	3.01	2.92	2.84	2.80	2.90	2.93	2.24	3.18	3.14	3.18	3.15	3.11	2.87	2.94			

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Supply (million barrels per day)</b>																			
<b>U.S. Crude Oil Production</b>																			
Current	10.23	10.54	11.24	11.79	12.15	12.41	12.42	12.65	12.97	13.18	13.20	13.45	9.35	10.96	12.41	13.20	17.2%	13.3%	6.4%
Previous	10.23	10.54	11.24	11.70	11.93	12.07	12.04	12.24	12.55	12.78	12.89	13.23	9.35	10.93	12.07	12.86	16.9%	10.4%	6.6%
Percent Change	0.0%	0.0%	0.0%	0.8%	1.9%	2.8%	3.2%	3.4%	3.3%	3.1%	2.5%	1.6%	0.0%	0.2%	2.8%	2.6%			
<b>U.S. Natural Gas Plant Liquids Production</b>																			
Current	4.01	4.30	4.54	4.60	4.76	4.90	5.00	5.11	5.15	5.25	5.33	5.42	3.78	4.36	4.94	5.29	15.3%	13.3%	7.0%
Previous	4.01	4.30	4.54	4.65	4.82	4.93	5.02	5.10	5.10	5.23	5.32	5.40	3.78	4.38	4.97	5.26	15.7%	13.5%	6.0%
Percent Change	0.0%	0.0%	0.0%	-1.1%	-1.3%	-0.5%	-0.3%	0.1%	0.9%	0.5%	0.2%	0.3%	0.0%	-0.3%	-0.5%	0.5%			
<b>U.S. Ethanol Production</b>																			
Current	1.05	1.04	1.06	1.04	1.03	1.05	1.04	1.04	1.04	1.06	1.05	1.04	1.04	1.05	1.04	1.05	0.8%	-0.7%	0.5%
Previous	1.05	1.04	1.06	1.04	1.04	1.05	1.04	1.04	1.04	1.05	1.05	1.04	1.04	1.05	1.04	1.04	0.9%	-0.5%	0.1%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-0.9%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.1%	0.0%	0.0%	-0.2%	0.1%			
<b>U.S. Total Petroleum and Other Liquid Fuel Net Imports</b>																			
Current	3.05	2.75	2.67	1.33	1.14	1.18	1.08	0.01	-0.05	0.01	0.00	-1.07	3.77	2.45	0.85	-0.28	-35.1%	-65.2%	-132.7%
Previous	3.05	2.75	2.67	1.19	1.22	1.42	1.39	0.42	0.37	0.38	0.28	-0.87	3.77	2.41	1.11	0.04	-36.0%	-53.9%	-96.7%
Percent Change	0.0%	0.0%	0.0%	11.8%	-7.0%	-16.6%	-22.3%	-98.0%	-113.8%	-96.7%	-100.8%	22.3%	0.0%	1.5%	-23.4%	-862.7%			
<b>U.S. Consumption (million barrels per day)</b>																			
<b>U.S. Gasoline</b>																			
Current	9.01	9.51	9.51	9.20	9.06	9.58	9.55	9.21	9.04	9.59	9.64	9.18	9.33	9.31	9.35	9.36	-0.2%	0.5%	0.1%
Previous	9.01	9.51	9.51	9.15	9.06	9.58	9.55	9.21	9.03	9.57	9.62	9.17	9.33	9.29	9.35	9.35	-0.3%	0.6%	0.0%
Percent Change	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%			
<b>U.S. Distillate</b>																			
Current	4.18	4.13	4.05	4.21	4.21	4.11	4.11	4.24	4.27	4.13	4.17	4.27	3.93	4.14	4.17	4.21	5.3%	0.7%	1.0%
Previous	4.18	4.13	4.05	4.19	4.20	4.10	4.10	4.23	4.24	4.12	4.15	4.26	3.93	4.14	4.16	4.19	5.2%	0.6%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.3%	0.3%	0.2%	0.2%	0.1%	0.8%	0.3%	0.4%	0.4%	0.0%	0.1%	0.2%	0.5%			
<b>U.S. Jet Fuel</b>																			
Current	1.64	1.73	1.78	1.66	1.72	1.79	1.83	1.80	1.74	1.81	1.86	1.83	1.68	1.70	1.79	1.81	1.1%	5.0%	1.2%
Previous	1.64	1.73	1.78	1.69	1.71	1.79	1.83	1.80	1.74	1.81	1.85	1.83	1.68	1.71	1.78	1.81	1.6%	4.2%	1.3%
Percent Change	0.0%	0.0%	0.0%	-2.0%	0.4%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.0%	-0.5%	0.2%	0.2%			
<b>U.S. Hydrocarbon Gas Liquids</b>																			
Current	3.22	2.67	2.85	3.23	3.37	2.92	3.03	3.32	3.52	3.11	3.19	3.47	2.64	2.99	3.16	3.32	13.1%	5.7%	5.2%
Previous	3.22	2.67	2.85	3.17	3.31	2.89	3.03	3.32	3.50	3.10	3.19	3.48	2.64	2.98	3.14	3.32	12.6%	5.5%	5.7%
Percent Change	0.0%	0.0%	0.0%	1.7%	1.7%	0.8%	0.2%	-0.1%	0.6%	0.4%	0.1%	-0.2%	0.0%	0.4%	0.6%	0.2%			
<b>U.S. Total Petroleum and Other Liquid Fuels</b>																			
Current	20.24	20.33	20.63	20.69	20.59	20.76	21.07	20.85	20.78	20.98	21.36	21.03	19.96	20.47	20.82	21.04	2.6%	1.7%	1.1%
Previous	20.24	20.33	20.63	20.64	20.54	20.69	21.02	20.84	20.77	20.93	21.32	21.03	19.96	20.46	20.77	21.01	2.5%	1.5%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.2%	0.2%	0.3%	0.2%	0.0%	0.1%	0.2%	0.2%	0.0%	0.0%	0.1%	0.2%	0.1%			
<b>U.S. Closing Stocks (million barrels)</b>																			
<b>U.S. Crude Oil</b>																			
Current	423.4	414.8	416.1	439.7	480.7	479.1	469.2	476.7	516.5	508.8	494.4	501.0	421.6	439.7	476.7	501.0	4.3%	8.4%	5.1%
Previous	423.4	414.8	416.1	439.7	483.2	480.8	470.4	477.4	514.3	505.7	491.1	494.4	421.6	439.7	477.4	494.4	4.3%	8.6%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.4%	-0.3%	-0.1%	0.4%	0.6%	0.7%	1.3%	0.0%	0.0%	-0.1%	1.3%			
<b>U.S. Total Gasoline</b>																			
Current	239.6	240.3	239.7	248.1	245.2	239.8	234.1	247.4	246.6	242.9	238.3	250.8	236.8	248.1	247.4	250.8	4.7%	-0.3%	1.4%
Previous	239.6	240.3	239.7	248.1	244.1	239.6	234.1	247.1	246.2	242.7	238.2	250.4	236.8	248.1	247.1	250.4	4.7%	-0.4%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%			
<b>U.S. Distillate Fuel Oil</b>																			
Current	130.4	120.4	137.1	140.0	131.1	133.5	138.4	143.1	133.5	135.6	140.5	145.4	145.6	140.0	143.1	145.4	-3.8%	2.2%	1.6%
Previous	130.4	120.4	137.1	140.0	130.3	132.1	136.5	140.9	131.1	133.1	137.8	142.6	145.6	140.0	140.9	142.6	-3.8%	0.6%	1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	1.1%	1.4%	1.6%	1.8%	1.9%	2.0%	2.0%	0.0%	0.0%	1.6%	2.0%			

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Supply (billion cubic feet per day)</b>																			
<b>U.S. Total Marketed Production</b>																			
Current	84.93	87.39	91.50	94.33	95.25	97.11	97.85	98.31	98.86	99.43	99.53	99.75	79.99	89.57	97.14	99.39	12.0%	8.5%	2.3%
Previous	84.93	87.39	91.50	94.64	96.33	97.23	97.56	97.98	98.80	99.39	99.87	100.66	79.99	89.65	97.28	99.68	12.1%	8.5%	2.5%
Percent Change	0.0%	0.0%	0.0%	-0.3%	-1.1%	-0.1%	0.3%	0.3%	0.1%	0.0%	-0.3%	-0.9%	0.0%	-0.1%	-0.1%	-0.3%			
<b>U.S. Federal GOM Marketed Production</b>																			
Current	2.57	2.48	2.86	2.81	2.92	2.94	2.89	2.94	3.02	3.06	3.05	3.13	2.90	2.68	2.92	3.07	-7.8%	9.1%	4.9%
Previous	2.57	2.48	2.85	2.81	2.91	2.90	2.86	2.92	3.01	3.06	3.05	3.14	2.90	2.68	2.90	3.06	-7.7%	8.2%	5.6%
Percent Change	0.0%	0.0%	0.2%	-0.3%	0.4%	1.3%	0.8%	0.6%	0.5%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.8%	0.1%			
<b>U.S. Lower 48 ex GOM Marketed Production</b>																			
Current	81.37	83.98	87.79	90.57	91.33	93.30	94.17	94.43	94.83	95.49	95.67	95.67	76.14	85.96	93.32	95.42	12.9%	8.6%	2.2%
Previous	81.37	83.98	87.79	90.88	92.42	93.46	93.91	94.11	94.79	95.46	96.01	96.58	76.14	86.04	93.48	95.71	13.0%	8.7%	2.4%
Percent Change	0.0%	0.0%	0.0%	-0.3%	-1.2%	-0.2%	0.3%	0.3%	0.0%	0.0%	-0.4%	-0.9%	0.0%	-0.1%	-0.2%	-0.3%			
<b>U.S. Pipeline Gross Imports</b>																			
Current	8.8	7.6	7.5	7.2	8.3	6.4	6.1	7.1	8.3	6.1	6.1	6.6	8.1	7.8	7.0	6.8	-4.4%	-10.1%	-2.7%
Previous	8.8	7.6	7.5	7.1	8.3	6.6	6.1	7.0	8.2	6.3	6.2	6.5	8.1	7.8	7.0	6.8	-4.5%	-9.6%	-2.9%
Percent Change	0.0%	0.0%	0.0%	0.8%	0.3%	-3.1%	-0.6%	1.4%	1.0%	-3.1%	-0.6%	1.5%	0.0%	0.2%	-0.4%	-0.2%			
<b>U.S. LNG Gross Imports</b>																			
Current	0.33	0.10	0.15	0.18	0.32	0.17	0.17	0.21	0.32	0.18	0.18	0.20	0.21	0.19	0.22	0.22	-10.9%	13.8%	0.7%
Previous	0.33	0.10	0.15	0.20	0.32	0.17	0.17	0.21	0.32	0.18	0.18	0.20	0.21	0.20	0.22	0.22	-8.7%	11.1%	0.7%
Percent Change	0.0%	0.0%	0.0%	-9.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.4%	0.0%	0.0%			
<b>U.S. Gross Exports</b>																			
Current	9.66	8.94	9.99	11.12	12.71	11.96	12.92	14.54	16.49	14.32	14.21	15.65	8.68	9.93	13.04	15.17	14.4%	31.3%	16.3%
Previous	9.66	8.94	9.99	11.49	13.01	12.11	13.00	14.58	16.52	14.33	14.22	15.65	8.68	10.02	13.18	15.18	15.5%	31.5%	15.1%
Percent Change	0.0%	0.0%	0.0%	-3.2%	-2.3%	-1.3%	-0.6%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.9%	-1.1%	-0.1%			
<b>U.S. Consumption (billion cubic feet per day)</b>																			
<b>U.S. Residential</b>																			
Current	25.75	7.97	3.44	16.87	25.98	7.74	3.56	16.56	25.51	7.59	3.45	16.23	12.09	13.46	13.41	13.18	11.3%	-0.4%	-1.7%
Previous	25.75	7.97	3.44	16.69	25.95	7.59	3.50	16.72	25.33	7.34	3.29	16.46	12.09	13.41	13.39	13.09	11.0%	-0.2%	-2.2%
Percent Change	0.0%	0.0%	0.0%	1.0%	0.1%	2.0%	1.8%	-1.0%	0.7%	3.5%	4.8%	-1.4%	0.0%	0.3%	0.2%	0.7%			
<b>U.S. Commercial</b>																			
Current	15.34	6.61	4.58	10.88	15.20	6.77	4.64	10.62	14.92	6.37	4.60	10.13	8.67	9.33	9.28	9.00	7.6%	-0.5%	-3.1%
Previous	15.34	6.61	4.58	10.78	15.31	6.75	4.64	10.54	14.93	6.35	4.60	10.12	8.67	9.30	9.29	8.99	7.3%	-0.2%	-3.2%
Percent Change	0.0%	0.0%	0.0%	1.0%	-0.7%	0.2%	0.0%	0.7%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.3%	0.0%	0.1%			
<b>U.S. Industrial</b>																			
Current	24.27	21.78	21.23	23.52	24.62	22.05	21.43	24.33	25.00	22.36	21.60	24.56	21.78	22.69	23.10	23.38	4.2%	1.8%	1.2%
Previous	24.27	21.78	21.23	23.66	24.75	22.11	21.50	24.38	25.02	22.37	21.62	24.55	21.78	22.73	23.18	23.39	4.4%	2.0%	0.9%
Percent Change	0.0%	0.0%	0.0%	-0.6%	-0.5%	-0.3%	-0.3%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	-0.1%			
<b>U.S. Electric Power Sector</b>																			
Current	24.91	27.61	37.80	25.99	25.37	27.73	37.02	26.00	25.22	28.47	39.19	27.13	25.39	29.10	29.05	30.02	14.7%	-0.2%	3.3%
Previous	24.91	27.61	37.80	25.73	25.41	27.63	37.14	26.03	25.58	28.53	38.73	27.27	25.39	29.04	29.07	30.04	14.4%	0.1%	3.3%
Percent Change	0.0%	0.0%	0.0%	1.0%	-0.2%	0.4%	-0.3%	-0.1%	-1.4%	-0.2%	1.2%	-0.5%	0.0%	0.2%	-0.1%	-0.1%			
<b>U.S. Total Consumption</b>																			
Current	97.54	70.66	74.04	84.71	99.06	71.62	74.22	85.46	99.02	72.46	76.64	86.19	74.32	81.68	82.53	83.56	9.9%	1.0%	1.3%
Previous	97.54	70.66	74.04	84.32	99.40	71.44	74.36	85.65	99.26	72.28	76.07	86.63	74.32	81.58	82.65	83.55	9.8%	1.3%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.5%	-0.3%	0.3%	-0.2%	-0.2%	-0.2%	0.2%	0.8%	-0.5%	0.0%	0.1%	-0.1%	0.0%			
<b>U.S. Working Gas in Storage (billion cubic feet)</b>																			
Current	1,391	2,196	2,951	2,703	1,417	2,552	3,430	3,151	1,685	2,687	3,433	3,135	3,033	2,703	3,151	3,135	-10.9%	16.6%	-0.5%
Previous	1,391	2,196	2,951	2,702	1,405	2,548	3,427	3,142	1,651	2,613	3,357	3,079	3,033	2,702	3,142	3,079	-10.9%	16.3%	-2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.9%	0.2%	0.1%	0.3%	2.0%	2.8%	2.3%	1.8%	0.0%	0.0%	0.3%	1.8%			
<b>U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)</b>																			
Current	0.45	-0.61	-0.55	-2.09	0.13	-0.85	-0.58	-1.74	-1.01	-0.86	0.29	-0.74	-1.07	-0.70	-0.77	-0.58			
Previous	0.45	-0.61	-0.55	-2.28	-0.23	-1.01	-0.03	-1.06	-0.80	-1.52	-0.56	-0.74	-1.07	-0.75	-0.59	-0.90			

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Electricity Generation, All Sectors (thousand megawatthours per day)</b>																			
<b>U.S. Total Generation</b>																			
Current	11,128	11,141	12,822	10,761	11,026	10,788	12,457	10,644	11,103	10,842	12,510	10,673	11,053	11,466	11,231	11,284	3.7%	-2.0%	0.5%
Previous	11,128	11,141	12,822	10,787	11,104	10,788	12,448	10,681	11,123	10,835	12,494	10,700	11,053	11,472	11,258	11,290	3.8%	-1.9%	0.3%
Percent Change	0.0%	0.0%	0.0%	-0.2%	-0.7%	0.0%	0.1%	-0.3%	-0.2%	0.1%	0.1%	-0.3%	0.0%	-0.1%	-0.2%	-0.1%			
<b>U.S. Coal</b>																			
Current	3,127	2,859	3,559	3,077	3,098	2,529	3,190	2,743	3,029	2,336	2,878	2,524	3,304	3,157	2,890	2,691	-4.4%	-8.5%	-6.9%
Previous	3,127	2,859	3,559	3,146	3,161	2,551	3,157	2,794	2,976	2,292	2,908	2,542	3,304	3,174	2,915	2,680	-3.9%	-8.2%	-8.1%
Percent Change	0.0%	0.0%	0.0%	-2.2%	-2.0%	-0.9%	1.1%	-1.8%	1.8%	1.9%	-1.1%	-0.7%	0.0%	-0.5%	-0.9%	0.4%			
<b>U.S. Natural gas</b>																			
Current	3,456	3,806	5,160	3,660	3,573	3,831	5,027	3,659	3,565	3,943	5,327	3,825	3,552	4,024	4,026	4,167	13.3%	0.0%	3.5%
Previous	3,456	3,806	5,160	3,625	3,575	3,818	5,042	3,664	3,606	3,946	5,256	3,838	3,552	4,016	4,028	4,164	13.1%	0.3%	3.4%
Percent Change	0.0%	0.0%	0.0%	1.0%	0.0%	0.4%	-0.3%	-0.1%	-1.1%	-0.1%	1.3%	-0.3%	0.0%	0.2%	-0.1%	0.1%			
<b>U.S. Petroleum</b>																			
Current	102	53	61	54	74	57	64	56	73	57	64	57	59	67	63	63	15.2%	-7.1%	0.4%
Previous	102	53	61	53	75	57	64	56	73	57	64	57	59	67	63	63	14.8%	-6.3%	-0.1%
Percent Change	0.0%	0.0%	0.0%	1.6%	-1.3%	-0.5%	-0.1%	-0.1%	-0.5%	0.0%	0.4%	0.2%	0.0%	0.3%	-0.6%	0.0%			
<b>U.S. Nuclear</b>																			
Current	2,294	2,155	2,277	2,118	2,239	2,097	2,271	2,135	2,180	2,023	2,180	2,061	2,205	2,211	2,185	2,111	0.2%	-1.1%	-3.4%
Previous	2,294	2,155	2,277	2,117	2,239	2,097	2,271	2,135	2,180	2,023	2,180	2,061	2,205	2,210	2,185	2,111	0.2%	-1.1%	-3.4%
Percent Change	0.0%	0.0%	0.0%	0.1%	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>U.S. Conventional Hydroelectric</b>																			
Current	856	944	696	688	712	840	705	666	780	889	730	682	823	795	730	770	-3.3%	-8.2%	5.4%
Previous	856	944	696	632	720	830	714	642	789	903	742	664	823	781	727	774	-5.1%	-7.0%	6.5%
Percent Change	0.0%	0.0%	0.0%	8.9%	-1.2%	1.1%	-1.3%	3.6%	-1.2%	-1.5%	-1.5%	2.7%	0.0%	1.8%	0.5%	-0.5%			
<b>U.S. Other Renewables</b>																			
Current	1,237	1,269	1,021	1,111	1,275	1,379	1,145	1,333	1,421	1,539	1,277	1,471	1,058	1,159	1,283	1,427	9.5%	10.7%	11.2%
Previous	1,237	1,269	1,021	1,161	1,279	1,380	1,145	1,337	1,443	1,558	1,290	1,485	1,058	1,171	1,285	1,444	10.7%	9.7%	12.3%
Percent Change	0.0%	0.0%	0.0%	-4.3%	-0.3%	-0.1%	0.0%	-0.3%	-1.6%	-1.2%	-1.0%	-0.9%	0.0%	-1.1%	-0.2%	-1.2%			
<b>U.S. Electricity Sales (million kilowatthours per day)</b>																			
<b>U.S. Residential</b>																			
Current	4,103	3,605	4,719	3,589	3,996	3,412	4,532	3,527	4,102	3,445	4,573	3,556	3,777	4,005	3,867	3,920	6.0%	-3.4%	1.4%
Previous	4,103	3,605	4,719	3,588	4,072	3,407	4,522	3,519	4,109	3,437	4,563	3,547	3,777	4,004	3,880	3,915	6.0%	-3.1%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.9%	0.1%	0.2%	0.2%	-0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	-0.3%	0.1%			
<b>U.S. Commercial</b>																			
Current	3,606	3,705	4,205	3,565	3,597	3,657	4,150	3,562	3,625	3,679	4,169	3,569	3,707	3,771	3,742	3,761	1.7%	-0.8%	0.5%
Previous	3,606	3,705	4,205	3,578	3,614	3,654	4,147	3,575	3,630	3,675	4,164	3,581	3,707	3,775	3,748	3,763	1.8%	-0.7%	0.4%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-0.5%	0.1%	0.1%	-0.4%	-0.1%	0.1%	0.1%	-0.3%	0.0%	-0.1%	-0.2%	-0.1%			
<b>U.S. Industrial</b>																			
Current	2,498	2,618	2,773	2,586	2,508	2,637	2,792	2,601	2,516	2,634	2,780	2,587	2,697	2,619	2,635.25	2,630	-2.9%	0.6%	-0.2%
Previous	2,498	2,618	2,773	2,612	2,517	2,645	2,800	2,630	2,523	2,640	2,784	2,611	2,697	2,626	2,649	2,640	-2.6%	0.9%	-0.3%
Percent Change	0.0%	0.0%	0.0%	-1.0%	-0.3%	-0.3%	-0.3%	-1.1%	-0.3%	-0.2%	-0.1%	-0.9%	0.0%	-0.3%	-0.5%	-0.4%			
<b>U.S. Total</b>																			
Current	10,230	9,948	11,718	9,759	10,122	9,725	11,494	9,709	10,264	9,778	11,542	9,732	10,201	10,416	10,265	10,331	2.1%	-1.5%	0.6%
Previous	10,230	9,948	11,718	9,799	10,224	9,726	11,489	9,744	10,284	9,772	11,531	9,759	10,201	10,426	10,298	10,338	2.2%	-1.2%	0.4%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-1.0%	0.0%	0.0%	-0.4%	-0.2%	0.1%	0.1%	-0.3%	0.0%	-0.1%	-0.3%	-0.1%			

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Coal (million short tons)</b>																			
<b>U.S. Production</b>																			
Current	187.6	180.8	194.7	190.6	185.6	158.1	191.5	187.0	184.1	147.2	173.2	176.9	775	753.7	722	681	-2.7%	-4.2%	-5.6%
Previous	187.6	180.8	194.7	191.7	190.8	159.2	189.8	189.8	181.7	145.1	174.8	178.1	775	755	729	680	-2.6%	-3.4%	-6.8%
Percent Change	0.0%	0.0%	0.0%	-0.6%	-2.7%	-0.7%	0.9%	-1.4%	1.3%	1.5%	-0.9%	-0.7%	0.0%	-0.1%	-1.0%	0.3%			
<b>U.S. Exports</b>																			
Current	27.2	30.9	29.1	28.9	27.1	24.9	24.4	24.1	22.6	23.7	23.3	23.2	97.0	116.1	100.6	92.7	19.7%	-13.3%	-7.9%
Previous	27.2	30.9	29.1	28.9	27.6	25.4	24.7	24.7	23.0	24.0	23.7	23.7	97.0	116.1	102.4	94.4	19.7%	-11.8%	-7.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.6%	-1.7%	-1.3%	-2.1%	-1.7%	-1.3%	-1.8%	-2.3%	0.0%	0.0%	-1.7%	-1.8%			
<b>U.S. Imports</b>																			
Current	1.4	1.5	1.4	1.3	1.2	1.4	1.7	1.7	1.4	1.4	1.7	1.4	7.8	5.7	6.0	6.0	-26.8%	6.0%	-1.2%
Previous	1.4	1.5	1.4	1.3	1.2	1.4	1.7	1.7	1.4	1.4	1.7	1.4	7.8	5.7	6.0	6.0	-26.8%	6.0%	-1.2%
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>U.S. Electric Power Demand</b>																			
Current	154.8	144.2	181.6	157.0	152.8	126.9	162.9	140.9	151.3	117.6	147.7	130.3	665	638	583	547	-4.1%	-8.5%	-6.3%
Previous	154.8	144.2	181.6	160.1	155.7	128.0	161.1	143.4	148.9	115.6	149.1	131.1	665	641	588	545	-3.7%	-8.2%	-7.4%
Percent Change	0.0%	0.0%	0.0%	-2.0%	-1.9%	-0.9%	1.1%	-1.7%	1.6%	1.8%	-0.9%	-0.7%	0.0%	-0.5%	-0.8%	0.4%			
<b>U.S. Secondary Stocks</b>																			
Current	131.1	126.2	105.8	108.6	108.7	107.6	103.8	112.4	112.0	110.6	104.9	114.5	143.0	108.6	112.4	114.5	-24.0%	3.5%	1.9%
Previous	131.1	126.2	105.8	112.8	111.4	110.0	106.1	114.6	114.0	112.4	106.7	116.2	143.0	112.8	114.6	116.2	-21.1%	1.6%	1.4%
Percent Change	0.0%	0.0%	0.0%	-3.7%	-2.4%	-2.2%	-2.2%	-1.9%	-1.7%	-1.6%	-1.6%	-1.4%	0.0%	-3.7%	-1.9%	-1.4%			
<b>U.S. Carbon Dioxide Emissions</b>																			
<b>Petroleum</b>																			
Current	577.8	591.3	600.9	605.6	581.1	595.1	606.7	599.2	590.2	596.2	611.3	600.9	2,330	2,376	2,382	2,399	2.0%	0.3%	0.7%
Previous	580.3	594.3	604.1	606.8	585.0	596.3	608.1	601.9	593.3	598.0	613.2	604.1	2,342	2,386	2,391	2,409	1.9%	0.2%	0.7%
Percent Change	-0.4%	-0.5%	-0.5%	-0.2%	-0.7%	-0.2%	-0.2%	-0.4%	-0.5%	-0.3%	-0.3%	-0.5%	-0.5%	-0.4%	-0.4%	-0.4%			
<b>Coal</b>																			
Current	307.7	288.3	356.3	317.1	307.0	256.8	324.2	289.3	303.9	239.6	296.5	269.9	1316.0	1269.4	1177.3	1109.9	-3.5%	-7.3%	-5.7%
Previous	307.7	288.3	357.4	326.3	311.9	258.1	322.0	292.0	298.9	235.3	300.0	269.9	1316.0	1279.7	1184.0	1104.1	-2.8%	-7.5%	-6.7%
Percent Change	0.0%	0.0%	-0.3%	-2.8%	-1.6%	-0.5%	0.7%	-0.9%	1.7%	1.8%	-1.2%	0.0%	0.0%	-0.8%	-0.6%	0.5%			
<b>Natural Gas</b>																			
Current	477.9	349.2	370.0	420.5	485.2	353.6	370.7	427.3	490.4	357.7	382.8	430.9	1473.9	1617.6	1636.9	1661.8	9.8%	1.2%	1.5%
Previous	477.9	349.2	370.1	415.0	486.9	352.7	371.4	428.2	491.6	356.9	379.9	433.0	1473.9	1612.2	1639.3	1661.4	9.4%	1.7%	1.4%
Percent Change	0.0%	0.0%	0.0%	1.3%	-0.3%	0.3%	-0.2%	-0.2%	-0.2%	0.2%	0.7%	-0.5%	0.0%	0.3%	-0.1%	0.0%			
<b>Total Fossil Fuel</b>																			
Current	1363.4	1228.8	1327.3	1343.2	1373.4	1205.6	1301.5	1315.8	1384.6	1193.5	1290.6	1301.8	5,119	5,263	5,196	5,170	2.8%	-1.3%	-0.5%
Previous	1365.9	1231.8	1331.6	1348.1	1383.8	1207.1	1301.6	1322.0	1383.8	1190.2	1293.1	1307.0	5,132	5,277	5,214	5,174	2.8%	-1.2%	-0.8%
Percent Change	-0.2%	-0.2%	-0.3%	-0.4%	-0.8%	-0.1%	0.0%	-0.5%	0.1%	0.3%	-0.2%	-0.4%	-0.2%	-0.3%	-0.3%	-0.1%			

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

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

Current Forecast: February 12, 2019; Previous Forecast: January 15, 2019

	2018				2019				2020				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020	2017-2018	2018-2019	2019-2020
<b>U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)</b>																			
<b>U.S. Wind Power</b>																			
Current	0.722	0.689	0.494	0.642	0.748	0.770	0.574	0.799	0.856	0.870	0.643	0.885	2.346	2.546	2.892	3.254	8.5%	13.6%	12.5%
Previous	0.722	0.689	0.494	0.679	0.748	0.770	0.574	0.802	0.874	0.885	0.654	0.897	2.346	2.583	2.894	3.310	10.1%	12.1%	14.4%
Percent Change	0.0%	0.0%	0.0%	-5.5%	0.0%	0.0%	0.0%	-0.4%	-2.0%	-1.8%	-1.7%	-1.3%	0.0%	-1.4%	-0.1%	-1.7%			
<b>U.S. Wood Biomass</b>																			
Current	0.588	0.585	0.596	0.567	0.537	0.529	0.552	0.546	0.535	0.528	0.552	0.546	2.285	2.335	2.164	2.162	2.2%	-7.3%	-0.1%
Previous	0.555	0.552	0.562	0.552	0.536	0.528	0.552	0.547	0.535	0.527	0.552	0.546	2.187	2.221	2.163	2.160	1.6%	-2.6%	-0.1%
Percent Change	5.9%	6.0%	5.9%	2.7%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	4.5%	5.1%	0.1%	0.1%			
<b>U.S. Solar Power</b>																			
Current	0.183	0.295	0.288	0.190	0.205	0.321	0.324	0.227	0.241	0.375	0.387	0.271	0.774	0.956	1.078	1.274	23.4%	12.8%	18.2%
Previous	0.183	0.295	0.288	0.197	0.207	0.322	0.325	0.228	0.242	0.376	0.386	0.270	0.774	0.962	1.082	1.274	24.3%	12.4%	17.7%
Percent Change	0.0%	0.0%	0.0%	-3.5%	-0.9%	-0.3%	-0.2%	-0.3%	-0.4%	-0.2%	0.1%	0.4%	0.0%	-0.7%	-0.4%	0.0%			
<b>U.S. Ethanol</b>																			
Current	0.283	0.297	0.305	0.301	0.286	0.307	0.308	0.300	0.288	0.308	0.311	0.299	1.192	1.186	1.201	1.206	-0.6%	1.3%	0.4%
Previous	0.283	0.297	0.305	0.305	0.286	0.307	0.308	0.300	0.288	0.308	0.311	0.298	1.192	1.191	1.201	1.204	-0.2%	0.8%	0.3%
Percent Change	0.0%	0.0%	0.0%	-1.5%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	0.1%	0.1%			
<b>U.S. Biodiesel</b>																			
Current	0.054	0.068	0.071	0.068	0.063	0.078	0.083	0.096	0.072	0.085	0.089	0.094	0.280	0.262	0.321	0.341	-6.6%	22.3%	6.5%
Previous	0.054	0.068	0.071	0.077	0.063	0.078	0.083	0.096	0.072	0.085	0.089	0.094	0.280	0.271	0.320	0.341	-3.4%	18.3%	6.5%
Percent Change	0.0%	0.0%	0.0%	-11.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.3%	0.0%	0.0%			
<b>U.S. Renewable Electric Power Sector Generation Capacity (MW)</b>																			
<b>Wind Power</b>																			
Current	88,541	88,665	89,674	94,657	96,533	97,880	99,688	105,250	107,459	108,264	108,698	113,652	87,488	94,657	105,250	113,652	8.2%	11.2%	8.0%
Previous	88,541	88,665	89,569	95,491	96,505	97,852	99,572	106,740	109,500	110,306	110,740	114,266	87,488	95,491	106,740	114,266	9.1%	11.8%	7.1%
Percent Change	0.0%	0.0%	0.1%	-0.9%	0.0%	0.0%	0.1%	-1.4%	-1.9%	-1.9%	-1.8%	-0.5%	0.0%	-0.9%	-1.4%	-0.5%			
<b>Wood Biomass</b>																			
Current	3,042	3,042	3,042	2,987	3,146	3,146	3,146	3,146	3,146	3,146	3,188	3,188	3,079	2,987	3,146	3,188	-3.0%	5.3%	1.3%
Previous	3,042	3,042	3,042	2,987	3,146	3,146	3,146	3,146	3,146	3,146	3,188	3,188	3,079	2,987	3,146	3,188	-3.0%	5.3%	1.3%
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	27,974	28,818	29,321	31,679	32,687	33,429	33,730	36,363	37,019	40,126	40,478	43,074	26,432	31,679	36,363	43,074	19.9%	14.8%	18.5%
Previous	27,970	28,813	29,313	31,915	32,673	33,397	33,700	36,430	37,084	39,925	40,277	42,285	26,432	31,915	36,430	42,285	20.7%	14.1%	16.1%
Percent Change	0.0%	0.0%	0.0%	-0.7%	0.0%	0.1%	0.1%	-0.2%	-0.2%	0.5%	0.5%	1.9%	0.0%	-0.7%	-0.2%	1.9%			

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