

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

Current Forecast: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Energy Supply																			
U.S. Crude Oil Production (million barrels per day)																			
Current	12.81	10.67	10.79	10.87	10.69	11.28	11.06	11.28	11.42	11.58	11.81	12.06	12.29	11.28	11.08	11.72	-8.2%	-1.8%	5.7%
Previous	12.81	10.67	10.79	10.87	10.69	11.22	11.26	11.30	11.46	11.62	11.86	12.11	12.29	11.28	11.12	11.77	-8.2%	-1.5%	5.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	-1.7%	-0.2%	-0.4%	-0.3%	-0.4%	-0.5%	0.0%	0.0%	-0.3%	-0.4%			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	94.80	89.68	89.83	91.15	90.30	93.05	92.64	92.70	93.17	94.54	96.25	97.59	93.06	91.36	92.18	95.40	-1.8%	0.9%	3.5%
Previous	94.79	89.68	89.83	91.15	90.29	92.49	92.67	93.11	93.34	94.15	95.51	96.47	93.06	91.35	92.15	94.88	-1.8%	0.9%	3.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	-0.4%	-0.2%	0.4%	0.8%	1.2%	0.0%	0.0%	0.0%	0.6%			
U.S. Coal Production (million short tons)																			
Current	149.2	116.2	135.9	134.1	140.3	152.3	151.2	157.3	163.9	158.0	165.3	160.7	706.3	535.3	601.1	647.9	-24.2%	12.3%	7.8%
Previous	149.2	116.2	135.9	134.1	140.3	152.3	158.1	156.7	157.9	144.8	150.7	147.1	706.3	535.3	607.4	600.6	-24.2%	13.5%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.3%	0.4%	3.8%	9.1%	9.6%	9.2%	0.0%	0.0%	-1.0%	7.9%			
U.S. Energy Consumption																			
U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)																			
Current	19.50	16.07	18.45	18.72	18.45	20.03	20.30	20.15	20.01	20.51	21.02	20.94	20.54	18.19	19.74	20.63	-11.5%	8.5%	4.5%
Previous	19.33	16.08	18.36	18.71	18.45	20.02	20.18	20.12	19.88	20.55	20.93	20.85	20.54	18.12	19.70	20.56	-11.8%	8.7%	4.3%
Percent Change	0.8%	-0.1%	0.5%	0.1%	0.0%	0.0%	0.6%	0.2%	0.7%	-0.2%	0.4%	0.4%	0.0%	0.4%	0.2%	0.3%			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	99.31	70.84	76.83	86.08	99.20	72.12	74.48	84.62	96.77	70.44	75.55	87.80	85.15	83.25	82.54	82.60	-2.2%	-0.9%	0.1%
Previous	99.31	70.84	76.83	86.08	99.17	71.43	73.15	86.33	98.42	72.58	75.67	88.66	85.15	83.25	82.46	83.78	-2.2%	-1.0%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	1.8%	-2.0%	-1.7%	-3.0%	-0.2%	-1.0%	0.0%	0.0%	0.1%	-1.4%			
U.S. Electricity Retail Sales (billion kilowatthours)																			
Current	887	844	1,057	876	914	898	1,072	896	918	912	1,078	909	3,811	3,664	3,780	3,817	-3.9%	3.2%	1.0%
Previous	887	844	1,057	876	914	891	1,062	895	916	904	1,072	907	3,811	3,664	3,762	3,799	-3.9%	2.7%	1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	1.0%	0.1%	0.2%	0.9%	0.5%	0.2%	0.0%	0.0%	0.5%	0.5%			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	25.10	20.63	23.42	23.79	25.04	23.09	24.42	24.77	25.57	23.41	24.71	25.14	100.29	92.94	97.32	98.84	-7.3%	4.7%	1.6%
Previous	25.10	20.63	23.42	23.79	25.04	22.97	24.19	24.63	25.44	23.31	24.54	24.95	100.29	92.94	96.83	98.24	-7.3%	4.2%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	1.0%	0.6%	0.5%	0.4%	0.7%	0.8%	0.0%	0.0%	0.5%	0.6%			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2012 dollars)																			
Current	18,952	17,258	18,561	18,768	19,056	19,358	19,643	19,914	20,149	20,290	20,417	20,533	19,033	18,385	19,493	20,347	-3.4%	6.0%	4.4%
Previous	19,011	17,303	18,597	18,794	19,086	19,456	19,810	20,197	20,388	20,569	20,703	20,829	19,092	18,426	19,637	20,622	-3.5%	6.6%	5.0%
Percent Change	-0.3%	-0.3%	-0.2%	-0.1%	-0.2%	-0.5%	-0.8%	-1.4%	-1.2%	-1.4%	-1.4%	-1.4%	-0.3%	-0.2%	-0.7%	-1.3%			
U.S. Manufacturing Production Index (index 2017 = 100)																			
Current	97.6	84.2	94.2	96.7	97.3	98.6	100.4	101.7	103.4	104.5	105.2	105.9	99.5	93.2	99.5	104.7	-6.4%	6.8%	5.2%
Previous	97.6	84.2	94.2	96.7	97.2	98.2	100.5	103.0	104.2	105.2	105.8	106.4	99.5	93.2	99.7	105.4	-6.4%	7.0%	5.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	0.0%	-1.2%	-0.7%	-0.7%	-0.6%	-0.5%	0.0%	0.0%	-0.2%	-0.6%			
U.S. Heating Degree Days																			
Current	1,881	544	71	1,422	2,107	473	68	1,530	2,113	488	77	1,525	4,320	3,918	4,178	4,202	-9.3%	6.6%	0.6%
Previous	1,881	543	71	1,422	2,106	472	70	1,523	2,114	488	77	1,521	4,320	3,916	4,171	4,201	-9.3%	6.5%	0.7%
Percent Change	0.0%	0.1%	0.3%	0.0%	0.0%	0.2%	-3.1%	0.5%	-0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.2%	0.0%			
U.S. Cooling Degree Days																			
Current	69	392	931	120	49	413	875	92	45	396	848	96	1,495	1,513	1,429	1,384	1.2%	-5.6%	-3.1%
Previous	70	393	931	121	49	413	858	95	46	398	850	97	1,495	1,514	1,415	1,390	1.3%	-6.6%	-1.7%
Percent Change	-0.3%	-0.2%	0.0%	-0.5%	-0.4%	-0.1%	2.0%	-3.3%	-0.6%	-0.6%	-0.2%	-1.0%	0.0%	-0.1%	1.0%	-0.4%			

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

STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Petroleum																			
WTI spot (\$/barrel)																			
Current	45.34	27.96	40.89	42.50	58.09	66.19	69.75	68.29	65.13	63.82	61.32	59.33	56.99	39.17	65.69	62.37	-31.3%	67.7%	-5.1%
Previous	45.34	27.96	40.89	42.50	58.09	66.19	70.51	68.45	65.13	63.82	61.32	59.33	56.99	39.17	65.93	62.37	-31.3%	68.3%	-5.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	47.48	26.76	40.79	42.09	57.12	66.06	68.78	67.29	63.90	62.57	59.86	57.83	59.36	39.73	65.05	60.96	-33.1%	63.7%	-6.3%
Previous	47.48	26.75	40.79	42.09	57.12	65.94	69.53	67.45	63.90	62.57	59.86	57.83	59.36	39.72	65.27	60.97	-33.1%	64.3%	-6.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-1.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%			
Brent spot average (\$/barrel)																			
Current	49.97	29.52	42.97	44.34	61.12	68.91	72.67	71.29	68.63	67.32	64.98	63.33	64.34	41.69	68.61	66.04	-35.2%	64.6%	-3.7%
Previous	49.97	29.52	42.97	44.34	61.12	68.91	73.07	71.29	68.63	67.32	64.98	63.33	64.34	41.69	68.71	66.04	-35.2%	64.8%	-3.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	2.41	1.94	2.18	2.15	2.56	2.97	3.14	2.91	2.73	2.85	2.78	2.64	2.60	2.18	2.91	2.75	-16.1%	33.2%	-5.4%
Previous	2.41	1.94	2.18	2.15	2.56	2.97	3.08	2.82	2.67	2.82	2.78	2.64	2.60	2.18	2.87	2.73	-16.1%	31.4%	-4.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	3.0%	2.5%	0.8%	0.1%	-0.1%	0.0%	0.0%	1.4%	0.8%			
Diesel, retail including taxes (\$/gallon)																			
Current	2.89	2.43	2.43	2.47	2.90	3.21	3.31	3.24	3.15	3.07	3.07	3.04	3.06	2.56	3.17	3.08	-16.4%	24.2%	-2.8%
Previous	2.89	2.43	2.43	2.46	2.90	3.21	3.27	3.23	3.13	3.06	3.06	3.03	3.06	2.55	3.16	3.07	-16.4%	23.7%	-2.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.5%	0.4%	0.5%	0.4%	0.4%	0.0%	0.1%	0.5%	0.5%			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	2.80	2.00	2.14	2.30	2.72	2.83	3.02	3.32	3.26	3.03	2.85	2.84	3.00	2.44	2.96	3.04	-18.5%	21.2%	2.6%
Previous	2.80	2.00	2.14	2.30	2.72	2.83	3.11	3.33	3.26	3.02	2.84	2.83	3.00	2.44	2.97	3.04	-18.5%	21.5%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-2.6%	-0.5%	0.1%	0.1%	0.4%	0.4%	0.0%	0.0%	-0.2%	0.1%			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	1.91	1.71	2.00	2.53	3.56	2.94	4.00	4.00	4.12	3.28	3.26	3.21	2.57	2.03	3.63	3.47	-20.7%	78.2%	-4.4%
Previous	1.91	1.71	2.00	2.53	3.56	2.94	3.71	3.46	3.38	2.95	2.98	2.99	2.57	2.03	3.42	3.08	-20.7%	68.0%	-10.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	15.6%	21.7%	11.3%	9.4%	7.2%	0.0%	0.0%	6.0%	12.7%			
Residential Retail (\$ per thousand cubic feet)																			
Current	9.46	11.89	17.65	10.60	9.79	13.87	18.86	12.09	10.97	13.59	17.94	11.01	10.46	10.83	11.73	11.85	3.6%	8.3%	1.1%
Previous	9.46	11.89	17.65	10.60	9.79	13.53	18.05	11.30	10.19	12.86	17.46	10.64	10.46	10.83	11.36	11.23	3.6%	4.9%	-1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	4.5%	7.0%	7.6%	5.7%	2.8%	3.5%	0.0%	0.0%	3.2%	5.5%			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	1.93	1.91	1.93	1.92	1.91	1.92	1.98	1.99	2.02	2.02	1.99	1.96	2.02	1.92	1.95	2.00	-4.8%	1.6%	2.4%
Previous	1.93	1.91	1.93	1.92	1.91	1.88	1.89	1.86	1.89	1.88	1.84	1.82	2.02	1.92	1.89	1.86	-4.8%	-1.9%	-1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	5.0%	6.9%	7.1%	7.7%	8.2%	7.6%	0.0%	0.0%	3.6%	7.7%			
Natural Gas																			
Current	2.39	2.08	2.26	2.87	7.26	3.27	4.16	4.42	4.76	3.53	3.42	3.56	2.88	2.39	4.69	3.75	-17.1%	96.5%	-20.0%
Previous	2.39	2.08	2.26	2.87	7.26	3.23	3.88	3.81	3.94	3.10	3.08	3.27	2.88	2.39	4.46	3.31	-17.1%	86.8%	-25.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	7.1%	16.1%	20.8%	13.8%	11.1%	8.9%	0.0%	0.0%	5.2%	13.4%			
Residual Fuel Oil																			
Current	12.15	6.65	8.85	8.90	11.28	12.99	13.03	13.01	13.03	13.33	12.32	11.90	12.73	9.15	12.72	12.70	-28.1%	39.1%	-0.2%
Previous	12.15	6.65	8.85	8.90	11.28	12.85	13.09	12.92	12.94	13.29	12.34	11.82	12.73	9.15	12.50	12.59	-28.1%	36.6%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	-0.5%	0.6%	0.7%	0.3%	-0.1%	0.7%	0.0%	0.0%	1.8%	0.8%			
U.S. Residential Retail Electricity (cents per kilowatt-hour)																			
Current	12.90	13.24	13.35	13.25	13.09	13.78	13.89	13.76	13.68	14.14	13.97	13.73	13.01	13.20	13.63	13.88	1.4%	3.3%	1.8%
Previous	12.90	13.24	13.35	13.25	13.09	13.71	13.84	13.70	13.61	14.01	13.92	13.73	13.01	13.20	13.59	13.82	1.4%	3.0%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.3%	0.4%	0.5%	0.9%	0.4%	0.0%	0.0%	0.0%	0.3%	0.4%			

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: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
World Crude Oil and Liquid Fuels Production (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Production																			
Current	33.05	29.27	29.95	30.66	30.18	30.89	31.22	31.90	32.17	32.45	32.79	33.37	31.63	30.73	31.05	32.70	-2.9%	1.1%	5.3%
Previous	33.00	29.28	29.95	30.66	30.16	30.95	31.56	31.93	32.17	32.47	32.84	33.36	31.63	30.72	31.16	32.71	-2.9%	1.4%	5.0%
Percent Change	0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	-1.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%			
OPEC (Organization of the Petroleum Exporting Countries) Production																			
Current	33.50	30.72	28.65	30.00	30.37	30.78	32.30	33.53	33.71	33.80	33.97	34.01	34.67	30.71	31.76	33.87	-11.4%	3.4%	6.7%
Previous	33.50	30.72	28.65	30.00	30.37	30.78	32.46	33.59	34.03	34.11	34.28	34.32	34.67	30.71	31.81	34.18	-11.4%	3.6%	7.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.2%	-0.9%	-0.9%	-0.9%	-0.9%	0.0%	0.0%	-0.2%	-0.9%			
Non-OPEC Production																			
Current	67.24	61.57	62.36	62.74	62.43	64.02	64.99	66.06	66.07	67.28	68.23	68.68	66.00	63.47	64.39	67.57	-3.8%	1.4%	5.0%
Previous	67.19	61.58	62.36	62.75	62.35	64.14	65.57	66.15	66.10	67.32	68.29	68.69	66.02	63.46	64.57	67.61	-3.9%	1.7%	4.7%
Percent Change	0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	-0.9%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%			
Total World Production																			
Current	100.74	92.30	91.01	92.74	92.80	94.80	97.30	99.60	99.79	101.08	102.20	102.68	100.67	94.18	96.14	101.45	-6.4%	2.1%	5.5%
Previous	100.69	92.30	91.01	92.75	92.72	94.92	98.03	99.75	100.12	101.43	102.57	103.00	100.69	94.17	96.38	101.79	-6.5%	2.3%	5.6%
Percent Change	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.7%	-0.2%	-0.3%	-0.3%	-0.4%	-0.3%	0.0%	0.0%	-0.2%	-0.3%			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	45.50	37.45	42.27	42.84	42.30	43.68	45.48	45.89	45.51	45.25	46.30	46.36	47.79	42.02	44.35	45.86	-12.1%	5.5%	3.4%
Previous	45.26	37.39	42.12	42.79	42.24	43.89	45.51	45.99	45.47	45.39	46.34	46.43	47.54	41.89	44.42	45.91	-11.9%	6.0%	3.4%
Percent Change	0.5%	0.2%	0.3%	0.1%	0.1%	-0.5%	-0.1%	-0.2%	0.1%	-0.3%	-0.1%	-0.1%	0.5%	0.3%	-0.2%	-0.1%			
Non-OECD Consumption																			
Current	50.33	47.44	51.21	52.59	52.37	52.81	53.07	53.88	54.08	55.37	55.49	55.64	53.36	50.40	53.04	55.15	-5.5%	5.2%	4.0%
Previous	50.33	47.44	51.21	52.59	52.36	52.82	53.55	54.07	54.20	55.54	55.71	55.86	53.36	50.40	53.21	55.34	-5.5%	5.6%	4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.9%	-0.4%	-0.2%	-0.3%	-0.4%	-0.4%	0.0%	0.0%	-0.3%	-0.3%			
China Consumption																			
Current	13.89	14.08	14.65	15.11	15.26	15.46	14.77	15.30	15.75	16.01	15.71	15.99	14.76	14.43	15.20	15.86	-2.2%	5.3%	4.4%
Previous	13.89	14.08	14.65	15.11	15.26	15.46	15.17	15.39	15.81	16.06	15.77	16.05	14.76	14.43	15.32	15.92	-2.2%	6.1%	3.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.6%	-0.6%	-0.4%	-0.3%	-0.4%	-0.4%	0.0%	0.0%	-0.8%	-0.4%			
Total World Consumption																			
Current	95.83	84.90	93.47	95.43	94.66	96.49	98.55	99.77	99.59	100.62	101.79	102.00	101.15	92.42	97.38	101.01	-8.6%	5.4%	3.7%
Previous	95.59	84.84	93.33	95.38	94.60	96.71	99.06	100.06	99.67	100.93	102.06	102.29	100.90	92.30	97.63	101.25	-8.5%	5.8%	3.7%
Percent Change	0.3%	0.1%	0.2%	0.1%	0.1%	-0.2%	-0.5%	-0.3%	-0.1%	-0.3%	-0.3%	-0.3%	0.2%	0.1%	-0.2%	-0.2%			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	2,970	3,206	3,168	3,025	2,916	2,876	2,818	2,800	2,812	2,869	2,885	2,890	2,879	3,025	2,800	2,890	5.1%	-7.5%	3.2%
Previous	2,964	3,201	3,167	3,026	2,916	2,873	2,852	2,819	2,835	2,889	2,904	2,908	2,879	3,026	2,819	2,908	5.1%	-6.9%	3.2%
Percent Change	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	-1.2%	-0.7%	-0.8%	-0.7%	-0.7%	-0.6%	0.0%	0.0%	-0.7%	-0.6%			
OPEC Surplus Production Capacity and World Macroeconomic																			
OPEC Surplus Crude Oil Production Capacity (million barrels per day)																			
Current	3.15	5.98	7.92	7.68	8.19	8.06	6.63	5.07	5.18	4.99	4.89	4.90	2.52	6.19	6.98	4.99	146.0%	12.7%	-28.5%
Previous	3.15	5.98	7.92	7.68	8.19	8.06	6.45	5.07	4.83	4.64	4.54	4.55	2.52	6.19	6.93	4.64	146.0%	12.0%	-33.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	7.2%	7.6%	7.7%	7.7%	0.0%	0.0%	0.6%	7.5%			
World GDP Growth (annualized percent change)																			
Current	-3.32	-6.14	-2.38	-1.67	5.10	8.85	5.05	5.04	5.58	5.17	4.86	4.29	2.84	-3.37	6.01	4.97			
Previous	-3.39	-6.14	-2.39	-1.74	5.08	8.87	5.53	5.37	5.73	5.13	4.36	3.96	2.81	-3.41	6.21	4.79			

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: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Supply (million barrels per day)																			
U.S. Crude Oil Production																			
Current	12.81	10.67	10.79	10.87	10.69	11.28	11.06	11.28	11.42	11.58	11.81	12.06	12.29	11.28	11.08	11.72	-8.2%	-1.8%	5.7%
Previous	12.81	10.67	10.79	10.87	10.69	11.22	11.26	11.30	11.46	11.62	11.86	12.11	12.29	11.28	11.12	11.77	-8.2%	-1.5%	5.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	-1.7%	-0.2%	-0.4%	-0.3%	-0.4%	-0.5%	0.0%	0.0%	-0.3%	-0.4%			
U.S. Natural Gas Plant Liquids Production																			
Current	5.17	4.96	5.34	5.22	4.86	5.46	5.40	5.50	5.62	5.81	5.95	6.04	4.82	5.17	5.30	5.86	7.3%	2.5%	10.4%
Previous	5.12	4.96	5.33	5.23	4.86	5.44	5.35	5.46	5.56	5.73	5.86	5.93	4.82	5.16	5.28	5.77	7.0%	2.3%	9.3%
Percent Change	0.9%	0.0%	0.2%	0.0%	0.0%	0.4%	0.9%	0.6%	1.1%	1.5%	1.6%	1.8%	0.0%	0.3%	0.5%	1.5%			
U.S. Ethanol Production																			
Current	1.02	0.70	0.92	0.97	0.90	0.99	0.99	0.98	0.98	1.01	1.02	1.01	1.03	0.91	0.97	1.01	-11.9%	6.5%	4.1%
Previous	1.02	0.70	0.92	0.97	0.90	1.00	1.01	0.98	0.98	1.02	1.03	1.02	1.03	0.91	0.97	1.01	-12.0%	7.6%	3.7%
Percent Change	0.0%	0.2%	0.0%	0.3%	0.0%	-0.9%	-2.3%	-0.1%	0.7%	-1.1%	-0.7%	-0.8%	0.0%	0.1%	-0.9%	-0.5%			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	-0.97	0.11	-0.83	-0.84	-0.07	-0.16	0.70	0.34	0.53	1.18	0.61	-0.20	0.67	-0.63	0.20	0.53	-194.8%	-132.0%	160.6%
Previous	-1.13	0.14	-0.81	-0.81	-0.07	-0.22	0.99	0.39	0.29	1.12	0.44	-0.27	0.67	-0.65	0.27	0.39	-197.2%	-142.2%	43.6%
Percent Change	-14.0%	-25.7%	2.8%	4.0%	0.0%	-24.3%	-28.9%	-13.2%	79.5%	5.6%	39.0%	-26.6%	0.0%	-2.5%	-26.1%	34.1%			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	8.51	7.12	8.51	8.06	8.00	9.07	9.27	8.76	8.50	9.21	9.35	8.87	9.31	8.05	8.78	8.98	-13.5%	9.1%	2.3%
Previous	8.49	7.11	8.50	8.02	8.00	9.10	9.25	8.73	8.37	9.25	9.34	8.87	9.31	8.03	8.78	8.96	-13.7%	9.2%	2.1%
Percent Change	0.2%	0.1%	0.1%	0.4%	0.0%	-0.4%	0.3%	0.3%	1.5%	-0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.3%			
U.S. Distillate																			
Current	4.02	3.49	3.70	3.94	3.97	3.93	3.97	4.13	4.17	4.12	4.10	4.24	4.10	3.79	4.00	4.16	-7.7%	5.7%	3.9%
Previous	3.97	3.51	3.70	3.92	3.97	3.96	3.97	4.18	4.24	4.17	4.13	4.25	4.10	3.78	4.02	4.20	-8.0%	6.5%	4.5%
Percent Change	1.2%	-0.6%	0.0%	0.3%	0.0%	-0.6%	0.1%	-1.2%	-1.6%	-1.2%	-0.9%	-0.2%	0.0%	0.3%	-0.4%	-1.0%			
U.S. Jet Fuel																			
Current	1.56	0.69	0.97	1.09	1.13	1.34	1.54	1.52	1.47	1.57	1.72	1.72	1.74	1.08	1.38	1.62	-38.3%	28.4%	17.4%
Previous	1.56	0.69	0.97	1.09	1.13	1.34	1.53	1.52	1.48	1.60	1.71	1.71	1.74	1.08	1.38	1.63	-38.2%	28.2%	17.6%
Percent Change	-0.2%	-0.6%	0.1%	0.1%	0.0%	0.1%	0.1%	-0.3%	-1.1%	-1.4%	0.3%	1.1%	0.0%	-0.1%	0.0%	-0.2%			
U.S. Hydrocarbon Gas Liquids																			
Current	3.37	2.85	3.01	3.68	3.40	3.33	3.09	3.63	3.84	3.35	3.41	3.89	3.14	3.23	3.36	3.62	2.8%	4.2%	7.6%
Previous	3.31	2.83	2.95	3.70	3.40	3.22	2.99	3.62	3.81	3.33	3.34	3.87	3.14	3.20	3.31	3.58	1.8%	3.4%	8.4%
Percent Change	2.0%	0.7%	2.0%	-0.6%	0.0%	3.4%	3.5%	0.4%	0.9%	0.6%	2.0%	0.7%	0.0%	1.0%	1.7%	1.0%			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	19.50	16.07	18.45	18.72	18.45	20.03	20.30	20.15	20.01	20.51	21.02	20.94	20.54	18.19	19.74	20.63	-11.5%	8.5%	4.5%
Previous	19.33	16.08	18.36	18.71	18.45	20.02	20.18	20.12	19.88	20.55	20.93	20.85	20.54	18.12	19.70	20.56	-11.8%	8.7%	4.3%
Percent Change	0.8%	-0.1%	0.5%	0.1%	0.0%	0.0%	0.6%	0.2%	0.7%	-0.2%	0.4%	0.4%	0.0%	0.4%	0.2%	0.3%			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	483.3	532.7	497.7	485.5	501.9	448.0	427.8	435.7	463.7	466.4	441.8	443.9	432.8	485.5	435.7	443.9	12.2%	-10.3%	1.9%
Previous	482.5	531.9	497.3	485.3	501.9	445.5	435.3	440.9	467.5	469.1	443.8	445.8	432.8	485.3	440.9	445.8	12.1%	-9.1%	1.1%
Percent Change	0.2%	0.1%	0.1%	0.0%	0.0%	0.6%	-1.7%	-1.2%	-0.8%	-0.6%	-0.4%	-0.4%	0.0%	0.0%	-1.2%	-0.4%			
U.S. Total Gasoline																			
Current	261.8	254.5	227.6	243.4	237.6	237.2	218.7	232.8	241.6	246.5	233.8	248.7	254.1	243.4	232.8	248.7	-4.2%	-4.4%	6.9%
Previous	260.8	253.3	226.5	243.2	237.6	235.5	226.1	234.2	241.7	246.4	233.3	249.4	254.1	243.2	234.2	249.4	-4.3%	-3.7%	6.5%
Percent Change	0.4%	0.5%	0.5%	0.1%	0.0%	0.7%	-3.3%	-0.6%	0.0%	0.1%	0.2%	-0.3%	0.0%	0.1%	-0.6%	-0.3%			
U.S. Distillate Fuel Oil																			
Current	126.8	176.9	172.5	161.2	145.5	140.1	130.0	133.6	123.8	129.0	136.2	137.5	140.1	161.2	133.6	137.5	15.1%	-17.1%	2.9%
Previous	126.7	175.4	171.7	160.4	145.5	138.7	140.1	142.4	131.7	136.2	142.9	144.1	140.1	160.4	142.4	144.1	14.5%	-11.2%	1.1%
Percent Change	0.1%	0.9%	0.5%	0.5%	0.0%	1.0%	-7.2%	-6.2%	-6.0%	-5.3%	-4.7%	-4.6%	0.0%	0.5%	-6.2%	-4.6%			

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: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Supply (billion cubic feet per day)																			
U.S. Total Marketed Production																			
Current	102.27	96.83	97.55	98.70	97.31	100.95	100.51	100.58	101.09	102.57	104.43	105.89	100.04	98.83	99.85	103.51	-1.2%	1.0%	3.7%
Previous	102.27	96.83	97.55	98.70	97.31	100.36	100.53	101.00	101.26	102.14	103.61	104.65	100.04	98.83	99.81	102.92	-1.2%	1.0%	3.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	-0.4%	-0.2%	0.4%	0.8%	1.2%	0.0%	0.0%	0.0%	0.6%			
U.S. Federal GOM Marketed Production																			
Current	2.72	2.22	1.72	1.73	2.27	2.26	1.90	2.09	2.09	2.02	1.91	1.88	2.78	2.09	2.13	1.97	-24.7%	1.7%	-7.4%
Previous	2.72	2.22	1.72	1.73	2.27	2.23	2.19	2.09	2.09	2.01	1.90	1.87	2.78	2.09	2.19	1.97	-24.7%	4.6%	-10.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	-12.9%	0.2%	0.2%	0.3%	0.4%	0.1%	0.0%	0.0%	-2.7%	0.3%			
U.S. Lower 48 ex GOM Marketed Production																			
Current	98.58	93.74	94.95	95.99	94.03	97.74	97.85	97.60	98.08	99.74	101.78	103.14	96.36	95.81	96.82	100.70	-0.6%	1.0%	4.0%
Previous	98.58	93.74	94.95	95.99	94.03	97.23	97.61	98.03	98.25	99.32	100.98	101.91	96.36	95.81	96.74	100.12	-0.6%	1.0%	3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.2%	-0.4%	-0.2%	0.4%	0.8%	1.2%	0.0%	0.0%	0.1%	0.6%			
U.S. Pipeline Gross Imports																			
Current	7.6	6.1	6.4	7.3	8.7	6.8	6.8	6.8	7.4	6.4	6.4	6.7	7.4	6.8	7.3	6.7	-7.2%	6.4%	-7.8%
Previous	7.6	6.1	6.4	7.3	8.7	6.7	6.7	6.8	7.4	6.4	6.4	6.7	7.4	6.8	7.2	6.7	-7.2%	5.6%	-7.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	1.4%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.8%	0.0%			
U.S. LNG Gross Imports																			
Current	0.24	0.12	0.09	0.09	0.15	0.02	0.18	0.20	0.32	0.18	0.18	0.20	0.14	0.13	0.14	0.22	-7.2%	1.9%	59.0%
Previous	0.24	0.12	0.09	0.09	0.15	0.08	0.18	0.20	0.32	0.18	0.18	0.20	0.14	0.13	0.15	0.22	-7.2%	13.4%	42.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-76.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.1%	0.0%			
U.S. Gross Exports																			
Current	16.07	12.69	12.00	16.99	17.59	18.36	18.78	19.36	19.81	18.39	18.79	20.38	12.76	14.44	18.53	19.34	13.2%	28.3%	4.4%
Previous	16.07	12.69	12.00	16.99	17.59	18.34	18.25	19.31	19.78	18.38	18.78	20.37	12.76	14.44	18.38	19.33	13.2%	27.3%	5.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.9%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	0.1%			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	22.83	8.20	3.82	16.00	25.59	7.52	3.68	16.89	25.05	7.85	3.67	16.92	13.74	12.70	13.37	13.32	-7.6%	5.3%	-0.3%
Previous	22.83	8.20	3.82	16.00	25.59	7.36	3.66	16.83	25.08	7.96	3.61	16.88	13.74	12.70	13.31	13.33	-7.6%	4.8%	0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.7%	0.3%	-0.1%	-1.3%	1.6%	0.2%	0.0%	0.0%	0.4%	-0.1%			
U.S. Commercial																			
Current	13.93	5.82	4.36	10.31	14.84	6.25	4.72	10.94	14.90	6.25	4.68	10.84	9.62	8.60	9.17	9.15	-10.7%	6.6%	-0.2%
Previous	13.93	5.82	4.36	10.31	14.81	6.23	4.75	10.93	14.91	6.25	4.70	10.84	9.62	8.60	9.16	9.15	-10.7%	6.5%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.4%	-0.7%	0.2%	0.0%	-0.1%	-0.4%	0.0%	0.0%	0.0%	0.1%	-0.1%			
U.S. Industrial																			
Current	24.65	20.62	21.15	23.83	24.05	21.77	21.91	25.10	24.95	22.66	22.41	25.22	23.07	22.56	23.21	23.81	-2.2%	2.9%	2.6%
Previous	24.65	20.62	21.15	23.83	24.05	21.67	21.21	24.27	24.61	22.08	21.52	23.96	23.07	22.56	22.80	23.04	-2.2%	1.0%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	3.3%	3.4%	1.4%	2.6%	4.2%	5.3%	0.0%	0.0%	1.8%	3.4%			
U.S. Electric Power Sector																			
Current	29.55	29.05	40.10	28.19	26.65	29.14	36.67	23.87	23.61	26.19	37.05	26.61	30.93	31.74	29.09	28.40	2.6%	-8.3%	-2.4%
Previous	29.55	29.05	40.10	28.19	26.65	28.78	36.08	26.40	25.51	28.76	38.13	28.80	30.93	31.74	29.49	30.33	2.6%	-7.1%	2.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	1.7%	-9.6%	-7.4%	-8.9%	-2.8%	-7.6%	0.0%	0.0%	-1.4%	-6.4%			
U.S. Total Consumption																			
Current	99.31	70.84	76.83	86.08	99.20	72.12	74.48	84.62	96.77	70.44	75.55	87.80	85.15	83.25	82.54	82.60	-2.2%	-0.9%	0.1%
Previous	99.31	70.84	76.83	86.08	99.17	71.43	73.15	86.33	98.42	72.58	75.67	88.66	85.15	83.25	82.46	83.78	-2.2%	-1.0%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	1.8%	-2.0%	-1.7%	-3.0%	-0.2%	-1.0%	0.0%	0.0%	0.1%	-1.4%			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	2,029	3,133	3,840	3,341	1,801	2,583	3,299	2,870	1,442	2,424	3,205	2,808	3,188	3,341	2,870	2,808	4.8%	-14.1%	-2.2%
Previous	2,029	3,133	3,840	3,341	1,801	2,595	3,315	2,865	1,379	2,347	3,166	2,722	3,188	3,341	2,865	2,722	4.8%	-14.2%	-5.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.5%	0.2%	4.6%	3.3%	1.2%	3.1%	0.0%	0.0%	0.2%	3.1%			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	-0.19	-0.28	0.05	-0.98	0.28	-0.42	1.25	-0.60	-0.33	-1.63	-0.15	-0.83	-1.47	-0.35	0.13	-0.74			
Previous	-0.19	-0.28	0.05	-0.98	0.27	-0.96	-0.50	0.43	0.48	0.73	1.11	0.66	-1.47	-0.35	-0.19	0.75			

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

Current Forecast: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Electricity Generation, Electric Power Sector (billion kilowatthours)																			
U.S. Total Generation																			
Current	925	896	1,109	923	952	948	1,116	936	947	964	1,116	949	3,966	3,853	3,952	3,976	-2.9%	2.6%	0.6%
Previous	925	896	1,109	923	952	941	1,098	935	945	955	1,110	947	3,966	3,853	3,926	3,957	-2.9%	1.9%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	1.7%	0.1%	0.2%	0.9%	0.6%	0.2%	0.0%	0.0%	0.7%	0.5%			
U.S. Coal																			
Current	170	151	248	199	230	204	283	248	246	218	260	213	959	768	965	937	-19.9%	25.6%	-2.8%
Previous	170	151	248	199	230	193	272	219	226	171	243	186	959	768	914	827	-19.9%	19.0%	-9.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	5.7%	4.0%	13.3%	8.7%	27.6%	6.9%	14.1%	0.0%	0.0%	5.6%	13.3%			
U.S. Natural gas																			
Current	355	343	474	341	318	345	436	291	286	313	444	327	1,477	1,512	1,391	1,370	2.4%	-8.0%	-1.5%
Previous	355	343	474	341	318	340	429	322	308	343	456	354	1,477	1,512	1,409	1,460	2.4%	-6.8%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.8%	-9.4%	-7.2%	-8.7%	-2.5%	-7.5%	0.0%	0.0%	-1.2%	-6.1%			
U.S. Petroleum																			
Current	4.0	3.9	4.5	4.0	5.2	3.5	5.1	5.1	6.5	4.9	5.3	5.2	17.2	16.5	19.1	21.8	-4.4%	15.8%	14.6%
Previous	4.0	3.9	4.5	4.0	5.2	4.0	4.4	4.1	5.0	4.1	4.0	4.1	17.2	16.5	17.7	17.2	-4.4%	7.5%	-2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-12.2%	17.8%	26.7%	29.2%	19.2%	30.5%	28.2%	0.0%	0.0%	7.7%	26.9%			
U.S. Nuclear																			
Current	204	191	204	191	198	185	204	186	187	185	197	184	809	790	774	754	-2.4%	-2.1%	-2.6%
Previous	204	191	204	191	198	186	203	186	187	185	197	184	809	790	773	753	-2.4%	-2.1%	-2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.7%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%			
U.S. Conventional Hydroelectric																			
Current	75	81	71	63	69	67	58	55	66	78	63	58	287	290	249	266	1.1%	-13.9%	6.6%
Previous	75	81	71	63	69	66	58	55	67	78	64	58	287	290	248	267	1.1%	-14.3%	7.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	-0.4%	-0.3%	-0.2%	-0.2%	-0.5%	-0.5%	0.0%	0.0%	0.4%	-0.3%			
U.S. Other Renewables																			
Current	115	125	106	124	129	141	130	149	154	162	146	160	410	471	549	622	14.8%	16.5%	13.4%
Previous	115	125	106	124	129	151	133	147	151	172	146	159	410	471	560	628	14.8%	19.0%	12.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-6.9%	-2.1%	1.1%	2.2%	-5.7%	-0.2%	0.8%	0.0%	0.0%	-2.1%	-0.9%			
U.S. Electricity Sales (billion kilowatthours)																			
U.S. Residential																			
Current	340	334	453	334	379	328	444	338	365	327	441	344	1,440	1,462	1,489	1,477	1.5%	1.8%	-0.8%
Previous	340	334	453	334	379	327	439	339	366	327	441	344	1,440	1,462	1,484	1,478	1.5%	1.5%	-0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.1%	-0.2%	-0.2%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.3%	-0.1%			
U.S. Commercial																			
Current	314	293	360	309	305	322	367	315	312	328	370	318	1,361	1,276	1,308	1,328	-6.3%	2.5%	1.5%
Previous	314	293	360	309	305	319	365	315	311	325	368	318	1,361	1,276	1,303	1,321	-6.3%	2.2%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.5%	0.1%	0.4%	1.1%	0.5%	0.1%	0.0%	0.0%	0.3%	0.5%			
U.S. Industrial																			
Current	231	216	242	231	229	247	260	241	239	255	266	245	1,002	920	976.64	1,006	-8.3%	6.2%	3.0%
Previous	231	216	242	231	229	243	256	240	238	251	261	243	1,002	920	968	993	-8.3%	5.3%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.4%	0.6%	0.6%	1.7%	1.7%	0.9%	0.0%	0.0%	0.9%	1.3%			
U.S. Total																			
Current	887	844	1,057	876	914	898	1,072	896	918	912	1,078	909	3,811	3,664	3,780	3,817	-3.9%	3.2%	1.0%
Previous	887	844	1,057	876	914	891	1,062	895	916	904	1,072	907	3,811	3,664	3,762	3,799	-3.9%	2.7%	1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	1.0%	0.1%	0.2%	0.9%	0.5%	0.2%	0.0%	0.0%	0.5%	0.5%			

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: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Coal (million short tons)																			
U.S. Production																			
Current	149.2	116.2	135.9	134.1	140.3	152.3	151.2	157.3	163.9	158.0	165.3	160.7	706	535	601	648	-24.2%	12.3%	7.8%
Previous	149.2	116.2	135.9	134.1	140.3	152.3	158.1	156.7	157.9	144.8	150.7	147.1	706	535	607	601	-24.2%	13.5%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.3%	0.4%	3.8%	9.1%	9.6%	9.2%	0.0%	0.0%	-1.0%	7.9%			
U.S. Exports																			
Current	20.0	14.8	15.3	19.1	20.7	22.1	22.1	25.5	28.1	19.9	20.3	25.7	93.8	69.1	90.5	94.0	-26.3%	31.0%	3.9%
Previous	20.0	14.8	15.3	19.1	20.7	21.3	21.9	25.9	32.3	22.3	22.4	28.6	93.8	69.1	89.7	105.6	-26.3%	29.9%	17.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	4.0%	1.1%	-1.5%	-13.0%	-10.7%	-9.5%	-10.1%	0.0%	0.0%	0.8%	-11.0%			
U.S. Imports																			
Current	1.3	1.1	1.3	1.3	1.1	1.5	1.4	1.2	0.9	0.9	1.1	1.1	6.7	5.1	5.2	4.1	-23.9%	3.0%	-21.8%
Previous	1.3	1.1	1.3	1.3	1.1	1.5	1.4	1.2	0.9	0.9	1.1	1.1	6.7	5.1	5.2	4.1	-23.9%	1.8%	-21.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	2.1%	0.9%	0.5%	0.2%	0.1%	0.0%	0.0%	0.0%	1.1%	0.2%			
U.S. Electric Power Demand																			
Current	97.9	87.2	139.3	112.1	128.1	113.8	157.3	137.7	136.0	119.5	145.4	117.9	539	437	537	519	-19.0%	23.0%	-3.4%
Previous	97.9	87.2	139.3	112.1	128.1	108.5	151.6	123.4	125.1	96.7	136.7	105.9	539	437	512	464	-19.0%	17.2%	-9.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	4.8%	3.7%	11.6%	8.7%	23.5%	6.3%	11.3%	0.0%	0.0%	4.9%	11.7%			
U.S. Secondary Stocks																			
Current	150.6	155.6	134.2	137.5	116.1	117.0	83.3	66.9	55.5	63.4	54.2	57.4	134.0	137.5	66.9	57.4	2.6%	-51.3%	-14.2%
Previous	150.6	155.6	134.2	137.5	116.1	128.0	107.1	103.9	92.6	107.0	89.1	87.1	134.0	137.5	103.9	87.1	2.6%	-24.4%	-16.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-8.6%	-22.2%	-35.6%	-40.0%	-40.7%	-39.2%	-34.1%	0.0%	0.0%	-35.6%	-34.1%			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	552.6	442.3	517.9	521.7	516.3	556.8	575.8	570.2	558.7	576.1	590.7	590.2	2,367	2,035	2,219	2,316	-14.0%	9.1%	4.4%
Previous	552.6	442.3	517.9	521.7	516.3	559.5	576.0	570.1	555.6	577.3	591.6	588.1	2,367	2,035	2,222	2,313	-14.0%	9.2%	4.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.0%	0.6%	-0.2%	-0.1%	0.4%	0.0%	0.0%	-0.1%	0.1%			
Coal																			
Current	201.2	177.0	270.8	224.5	254.8	231.0	307.6	273.8	273.6	241.2	288.5	241.0	1075.9	873.5	1067.3	1044.2	-18.8%	22.2%	-2.2%
Previous	201.2	177.0	270.8	224.5	254.8	221.8	297.9	248.1	255.5	201.7	273.9	220.5	1075.9	873.5	1022.7	951.6	-18.8%	17.1%	-6.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	4.2%	3.3%	10.3%	7.1%	19.6%	5.3%	9.3%	0.0%	0.0%	4.4%	9.7%			
Natural Gas																			
Current	490.4	349.0	382.8	429.2	484.7	355.0	371.2	422.2	473.0	346.8	376.5	437.9	1685.7	1651.4	1633.1	1634.4	-2.0%	-1.1%	0.1%
Previous	490.4	349.0	382.8	429.2	484.7	351.9	364.6	430.6	481.2	357.6	377.1	442.2	1685.7	1651.4	1631.7	1658.1	-2.0%	-1.2%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.8%	-2.0%	-1.7%	-3.0%	-0.2%	-1.0%	0.0%	0.0%	0.1%	-1.4%			
Total Fossil Fuel																			
Current	1244.2	968.3	1171.5	1175.4	1255.8	1142.9	1254.7	1266.1	1305.3	1164.1	1255.8	1269.1	5,129	4,559	4,919	4,994	-11.1%	7.9%	1.5%
Previous	1244.2	968.3	1171.5	1175.4	1255.8	1133.2	1238.5	1248.8	1292.3	1136.6	1242.6	1250.9	5,129	4,559	4,876	4,922	-11.1%	6.9%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.3%	1.4%	1.0%	2.4%	1.1%	1.5%	0.0%	0.0%	0.9%	1.5%			

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: September 8, 2021; Previous Forecast: August 10, 2021

	2020				2021				2022				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2019	2020	2021	2022	2019-2020	2020-2021	2021-2022
U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)																			
U.S. Wind Power																			
Current	0.796	0.793	0.615	0.862	0.877	0.867	0.724	1.013	1.035	0.965	0.797	1.076	2.691	3.065	3.482	3.872	13.9%	13.6%	11.2%
Previous	0.796	0.793	0.615	0.862	0.877	0.929	0.734	1.010	1.013	1.036	0.800	1.078	2.691	3.065	3.551	3.926	13.9%	15.8%	10.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-6.6%	-1.4%	0.3%	2.2%	-6.9%	-0.4%	-0.2%	0.0%	0.0%	-1.9%	-1.4%			
U.S. Wood Biomass																			
Current	0.532	0.517	0.519	0.533	0.520	0.523	0.568	0.562	0.542	0.546	0.560	0.546	2.236	2.101	2.173	2.195	-6.0%	3.4%	1.0%
Previous	0.532	0.517	0.519	0.533	0.520	0.537	0.590	0.559	0.535	0.536	0.562	0.546	2.236	2.101	2.207	2.178	-6.0%	5.0%	-1.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.7%	-3.7%	0.6%	1.4%	2.0%	-0.3%	0.0%	0.0%	0.0%	-1.5%	0.8%			
U.S. Solar Power																			
Current	0.238	0.374	0.377	0.257	0.292	0.470	0.485	0.330	0.381	0.596	0.596	0.398	1.017	1.246	1.577	1.971	22.5%	26.6%	25.0%
Previous	0.238	0.374	0.377	0.257	0.292	0.490	0.494	0.329	0.381	0.609	0.599	0.393	1.017	1.246	1.606	1.982	22.5%	28.9%	23.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-4.2%	-1.9%	0.3%	0.0%	-2.0%	-0.5%	1.1%	0.0%	0.0%	-1.8%	-0.5%			
U.S. Ethanol																			
Current	0.268	0.231	0.277	0.269	0.253	0.293	0.295	0.285	0.269	0.296	0.301	0.293	1.200	1.045	1.127	1.160	-12.9%	7.9%	2.9%
Previous	0.267	0.228	0.278	0.268	0.254	0.299	0.295	0.284	0.265	0.298	0.301	0.293	1.200	1.041	1.131	1.157	-13.3%	8.7%	2.2%
Percent Change	0.4%	1.3%	-0.4%	0.4%	0.0%	-1.8%	0.0%	0.3%	1.5%	-0.4%	0.1%	0.0%	0.0%	0.4%	-0.4%	0.3%			
U.S. Biodiesel																			
Current	0.062	0.066	0.073	0.075	0.056	0.072	0.075	0.084	0.081	0.083	0.087	0.094	0.265	0.275	0.287	0.345	3.7%	4.1%	20.4%
Previous	0.061	0.064	0.073	0.076	0.057	0.069	0.064	0.075	0.075	0.078	0.083	0.091	0.265	0.275	0.266	0.327	3.4%	-3.2%	22.9%
Percent Change	1.0%	2.2%	0.5%	-2.1%	-2.1%	3.3%	17.4%	11.4%	8.7%	6.4%	4.7%	3.3%	0.0%	0.3%	7.8%	5.6%			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	106,123	107,617	109,144	118,112	120,998	124,339	127,810	135,696	136,400	137,954	138,664	141,972	103,462	118,112	135,696	141,972	14.2%	14.9%	4.6%
Previous	106,143	107,637	109,164	118,132	121,018	124,835	128,523	135,721	136,430	138,172	138,882	141,988	103,462	118,132	135,721	141,988	14.2%	14.9%	4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.6%	0.0%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
Wood Biomass																			
Current	2,673	2,673	2,697	2,697	2,697	2,554	2,554	2,554	2,554	2,554	2,554	2,554	2,778	2,697	2,554	2,554	-2.9%	-5.3%	0.0%
Previous	2,673	2,673	2,697	2,697	2,697	2,554	2,554	2,554	2,554	2,554	2,554	2,554	2,778	2,697	2,554	2,554	-2.9%	-5.3%	0.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Solar Power																			
Current	39,060	41,153	42,954	47,574	50,244	52,116	56,380	63,492	65,554	69,711	72,187	79,837	37,038	47,574	63,492	79,837	28.4%	33.5%	25.7%
Previous	39,107	41,199	43,000	47,596	50,264	52,759	56,810	63,802	65,720	70,595	72,791	80,427	37,038	47,596	63,802	80,427	28.5%	34.0%	26.1%
Percent Change	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-1.2%	-0.8%	-0.5%	-0.3%	-1.3%	-0.8%	-0.7%	0.0%	0.0%	-0.5%	-0.7%			

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