

# STEO Current/Previous Forecast Comparisons: U.S. Energy Production and Consumption Summary

Current Forecast: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Energy Production</b>																			
<b>Crude Oil Production (million barrels per day)</b>																			
Current	12.67	12.76	13.05	13.25	12.94	13.20	13.33	13.44	13.46	13.66	13.76	13.90	11.99	12.93	13.23	13.69	7.9%	2.3%	3.5%
Previous	12.63	12.75	13.07	13.26	12.94	13.21	13.32	13.51	13.52	13.72	13.84	13.98	11.91	12.93	13.25	13.77	8.5%	2.5%	3.9%
Percent Change	0.4%	0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.5%	-0.5%	-0.4%	-0.6%	-0.5%	0.7%	0.1%	-0.1%	-0.5%			
<b>Dry Natural Gas Production (billion cubic feet per day)</b>																			
Current	102.2	103.2	104.1	105.5	104.0	101.7	103.6	103.8	103.5	104.4	104.8	105.9	99.6	103.8	103.3	104.6	4.2%	-0.5%	1.3%
Previous	102.3	103.2	104.1	105.6	104.1	102.4	103.4	104.1	104.0	104.7	105.3	106.7	99.6	103.8	103.5	105.2	4.2%	-0.3%	1.7%
Percent Change	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.7%	0.2%	-0.3%	-0.5%	-0.3%	-0.6%	-0.8%	0.0%	0.0%	-0.2%	-0.5%			
<b>Coal Production (million short tons)</b>																			
Current	148.7	142.3	145.6	140.8	129.9	110.2	130.9	128.0	123.1	107.5	123.3	120.1	594.2	577.5	499.0	474.0	-2.8%	-13.6%	-5.0%
Previous	148.7	142.3	145.6	140.8	129.9	110.4	136.3	133.2	127.6	112.7	127.5	121.8	594.2	577.5	509.7	489.5	-2.8%	-11.7%	-4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-3.9%	-3.9%	-3.6%	-4.6%	-3.3%	-1.3%	0.0%	0.0%	-2.1%	-3.2%			
<b>U.S. Energy Consumption</b>																			
<b>Petroleum and Other Liquid Fuels Consumption (million barrels per day)</b>																			
Current	19.7	20.4	20.4	20.6	19.8	20.5	20.8	20.7	20.3	20.6	20.8	20.8	20.0	20.2	20.5	20.6	1.2%	1.0%	0.9%
Previous	19.7	20.4	20.4	20.6	19.8	20.2	20.7	20.7	20.3	20.6	20.9	20.8	20.0	20.2	20.4	20.6	1.2%	0.6%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.5%	-0.1%	-0.3%	0.2%	-0.2%	-0.1%	0.0%	0.0%	0.4%	-0.1%			
<b>Natural Gas Consumption (billion cubic feet per day)</b>																			
Current	103.0	78.0	83.9	91.7	104.0	78.5	83.6	93.0	104.7	77.4	82.6	92.4	88.5	89.1	89.8	89.2	0.7%	0.7%	-0.6%
Previous	103.0	78.0	83.9	91.7	104.0	78.3	82.9	92.3	104.2	77.5	82.6	92.8	88.5	89.1	89.4	89.2	0.7%	0.3%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.8%	0.7%	0.5%	-0.1%	-0.1%	-0.5%	0.0%	0.0%	0.4%	0.0%			
<b>Electricity Retail Sales (billion kilowatthours)</b>																			
Current	919	906	1,124	912	939	953	1,136	937	956	964	1,164	951	3,927	3,861	3,965	4,035	-1.7%	2.7%	1.8%
Previous	919	906	1,124	912	939	955	1,147	939	957	969	1,177	953	3,927	3,861	3,981	4,056	-1.7%	3.1%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-1.0%	-0.2%	-0.1%	-0.5%	-1.1%	-0.2%	0.0%	0.0%	-0.4%	-0.5%			
<b>Total Energy Consumption (quadrillion Btu)</b>																			
Current	24.1	22.0	23.7	23.7	24.4	22.3	23.9	24.1	24.7	22.3	24.0	24.1	94.8	93.6	94.6	95.1	-1.3%	1.1%	0.5%
Previous	24.1	22.0	23.7	23.7	24.4	22.2	23.9	24.1	24.7	22.3	24.1	24.1	94.8	93.6	94.7	95.3	-1.3%	1.2%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	-0.2%	-0.3%	-0.3%	-0.3%	0.0%	0.0%	0.0%	-0.1%	-0.2%			
<b>U.S. Macroeconomic and Weather</b>																			
<b>Real Gross Domestic Product (billion chained 2017 dollars)</b>																			
Current	22,112	22,225	22,491	22,679	22,759	22,873	22,969	23,056	23,136	23,237	23,332	23,443	21,822	22,377	22,914	23,287	2.5%	2.4%	1.6%
Previous	22,112	22,225	22,491	22,679	22,750	22,864	22,971	23,077	23,169	23,273	23,367	23,476	21,822	22,377	22,915	23,321	2.5%	2.4%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%			
<b>Manufacturing Production Index (index 2017 = 100)</b>																			
Current	100.0	100.1	100.0	99.7	99.5	99.9	100.5	100.9	101.0	101.5	101.8	102.4	100.3	100.0	100.2	101.7	-0.4%	0.2%	1.5%
Previous	99.9	100.2	100.0	99.7	99.7	100.1	100.2	100.7	100.9	101.3	101.6	102.2	100.5	100.0	100.2	101.5	-0.5%	0.2%	1.4%
Percent Change	0.1%	-0.1%	0.0%	-0.1%	-0.2%	-0.1%	0.3%	0.2%	0.1%	0.2%	0.2%	0.1%	-0.1%	0.0%	0.0%	0.1%			
<b>Heating Degree Days</b>																			
Current	1,922	485	60	1,336	1,905	413	69	1,450	1,989	469	74	1,443	4,245	3,803	3,836	3,975	-10.4%	0.9%	3.6%
Previous	1,923	485	61	1,336	1,906	413	73	1,450	1,989	469	74	1,443	4,245	3,804	3,842	3,975	-10.4%	1.0%	3.5%
Percent Change	0.0%	0.0%	-0.7%	0.0%	-0.1%	0.0%	-6.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%			
<b>Cooling Degree Days</b>																			
Current	68	362	942	104	53	497	932	105	51	446	967	106	1,556	1,476	1,586	1,569	-5.1%	7.4%	-1.1%
Previous	68	363	942	104	53	482	929	105	51	446	967	106	1,556	1,476	1,569	1,569	-5.1%	6.3%	0.0%
Percent Change	0.1%	-0.1%	0.1%	-0.1%	-0.5%	3.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>Petroleum</b>																			
<b>WTI spot (\$/barrel)</b>																			
Current	75.96	73.49	82.25	78.63	77.50	81.77	79.95	81.47	84.16	81.83	80.50	78.50	94.91	77.58	80.21	81.21	-18.3%	3.4%	1.3%
Previous	75.96	73.49	82.25	78.63	77.50	81.81	83.47	85.14	86.16	84.50	83.50	81.50	94.91	77.58	82.03	83.88	-18.3%	5.7%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.2%	-4.3%	-2.3%	-3.2%	-3.6%	-3.7%	0.0%	0.0%	-2.2%	-3.2%			
<b>Brent spot average (\$/barrel)</b>																			
Current	81.04	78.02	86.64	83.93	82.96	84.72	84.06	85.97	88.66	86.33	85.00	83.00	100.94	82.41	84.44	85.71	-18.4%	2.5%	1.5%
Previous	81.04	78.02	86.64	83.93	82.96	84.74	87.97	89.64	90.66	89.00	88.00	86.00	100.94	82.41	86.37	88.38	-18.4%	4.8%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.4%	-4.1%	-2.2%	-3.0%	-3.4%	-3.5%	0.0%	0.0%	-2.2%	-3.0%			
<b>U.S. wholesale gasoline price (\$/gallon)</b>																			
Current	2.62	2.65	2.96	2.33	2.46	2.58	2.47	2.34	2.40	2.56	2.55	2.30	3.09	2.64	2.46	2.45	-14.5%	-6.7%	-0.4%
Previous	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	3.09	2.64	2.52	2.56	-14.5%	-4.7%	1.8%
Percent Change	0.0%	1.0%	13.0%	-11.0%	-6.2%	-1.4%	-5.7%	-10.5%	-8.5%	-2.2%	-2.5%	-12.3%	0.0%	0.0%	-2.1%	-4.2%			
<b>U.S. wholesale diesel price (\$/gallon)</b>																			
Current	2.95	2.45	3.09	2.84	2.70	2.51	2.46	2.54	2.66	2.50	2.61	2.59	3.58	2.83	2.55	2.59	-20.9%	-9.9%	1.4%
Previous	2.95	2.45	3.09	2.84	2.68	2.53	2.64	2.63	2.58	2.55	2.69	2.72	3.58	2.83	2.62	2.64	-20.9%	-7.6%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	-0.8%	-6.6%	-3.2%	2.9%	-1.9%	-3.0%	-5.0%	0.0%	0.0%	-2.5%	-1.8%			
<b>U.S. propane, Mt. Belvieu spot price (\$/gallon)</b>																			
Current	0.82	0.68	0.68	0.67	0.84	0.75	0.81	0.83	0.86	0.85	0.84	0.81	1.10	0.71	0.81	0.84	-35.5%	13.7%	4.0%
Previous	0.82	0.68	0.68	0.67	0.84	0.75	0.79	0.80	0.80	0.79	0.78	0.75	1.10	0.71	0.79	0.78	-35.5%	11.5%	-2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	2.8%	4.2%	7.3%	7.9%	8.5%	9.0%	0.0%	0.0%	2.0%	8.2%			
<b>U.S. gasoline, regular-grade retail including taxes (\$/gallon)</b>																			
Current	3.38	3.58	3.76	3.36	3.24	3.56	3.44	3.25	3.24	3.45	3.43	3.20	3.97	3.52	3.38	3.33	-11.3%	-4.2%	-1.3%
Previous	3.38	3.58	3.76	3.36	3.24	3.56	3.49	3.33	3.35	3.58	3.55	3.38	3.97	3.52	3.41	3.47	-11.3%	-3.2%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.6%	-2.3%	-3.2%	-3.6%	-3.3%	-5.3%	0.0%	0.0%	-1.0%	-3.9%			
<b>U.S. diesel, retail including taxes (\$/gallon)</b>																			
Current	4.40	3.94	4.28	4.25	3.97	3.85	3.77	3.79	3.91	3.82	3.84	3.88	4.99	4.22	3.84	3.87	-15.5%	-8.9%	0.6%
Previous	4.40	3.94	4.28	4.25	3.97	3.85	3.84	3.90	3.87	3.86	3.92	4.02	4.99	4.22	3.89	3.92	-15.5%	-7.7%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.0%	-2.9%	1.1%	-0.9%	-2.0%	-3.3%	0.0%	0.0%	-1.3%	-1.3%			
<b>U.S. Natural Gas</b>																			
<b>Henry Hub spot (\$ per million Btu)</b>																			
Current	2.65	2.16	2.59	2.74	2.13	2.09	2.20	2.78	3.23	3.04	3.38	3.43	6.42	2.54	2.30	3.27	-60.5%	-9.4%	42.2%
Previous	2.65	2.16	2.59	2.74	2.13	2.09	2.64	3.09	3.27	3.07	3.39	3.42	6.42	2.54	2.49	3.29	-60.5%	-2.0%	32.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-16.8%	-10.0%	-1.4%	-0.8%	-0.4%	0.1%	0.0%	0.0%	-7.6%	-0.6%			
<b>Residential retail (\$ per thousand cubic feet)</b>																			
Current	14.72	16.19	22.33	13.72	12.76	16.96	21.52	12.69	11.55	14.13	19.90	12.48	14.77	15.19	13.96	12.84	2.8%	-8.0%	-8.0%
Previous	14.72	16.19	22.33	13.72	12.76	16.43	21.08	12.71	11.59	14.19	19.93	12.50	14.77	15.19	13.87	12.88	2.8%	-8.6%	-7.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%	2.1%	-0.2%	-0.4%	-0.4%	-0.2%	-0.1%	0.0%	0.0%	0.7%	-0.3%			
<b>U.S. Electric Utilities Fuel Costs (\$ per million Btu)</b>																			
<b>Coal</b>																			
Current	2.57	2.49	2.51	2.51	2.49	2.56	2.56	2.52	2.53	2.51	2.51	2.48	2.37	2.52	2.53	2.51	6.5%	0.6%	-1.0%
Previous	2.57	2.49	2.51	2.51	2.49	2.54	2.53	2.49	2.51	2.49	2.49	2.46	2.37	2.52	2.52	2.49	6.5%	-0.1%	-1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	1.1%	1.0%	0.9%	0.8%	0.7%	0.8%	0.0%	0.0%	0.7%	0.8%			
<b>Natural Gas</b>																			
Current	4.98	2.60	2.92	3.19	3.40	2.31	2.40	3.12	3.76	3.21	3.47	3.71	7.23	3.35	2.76	3.53	-53.7%	-17.4%	27.6%
Previous	4.98	2.60	2.92	3.19	3.40	2.36	2.71	3.36	3.82	3.23	3.48	3.70	7.23	3.35	2.93	3.55	-53.7%	-12.5%	21.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.1%	-11.6%	-7.3%	-1.5%	-0.8%	-0.2%	0.3%	0.0%	0.0%	-5.6%	-0.5%			
<b>Residual Fuel Oil</b>																			
Current	19.24	17.88	19.16	20.84	18.84	18.43	15.43	15.30	16.05	16.59	15.73	15.42	21.58	19.32	17.01	15.91	-10.5%	-11.9%	-6.5%
Previous	19.24	17.88	19.16	20.84	18.84	17.80	15.76	15.97	16.31	16.85	16.19	16.02	21.58	19.32	17.11	16.31	-10.5%	-11.4%	-4.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	-2.1%	-4.2%	-1.6%	-1.5%	-2.8%	-3.7%	0.0%	0.0%	-0.6%	-2.4%			
<b>U.S. Residential Retail Electricity (cents per kilowatthour)</b>																			
Current	15.8	16.1	16.0	16.0	16.0	16.5	16.2	15.9	16.1	16.8	16.6	16.4	15.0	16.0	16.2	16.5	6.3%	1.1%	1.8%
Previous	15.8	16.1	16.0	16.0	16.0	16.5	16.2	15.9	16.1	16.8	16.6	16.3	15.0	16.0	16.2	16.5	6.3%	1.1%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.3%	-0.2%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			

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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>World Crude Oil and Liquid Fuels Production (million barrels per day)</b>																			
<b>OPEC+</b>																			
Current	45.0	44.2	42.8	43.1	42.9	42.2	42.3	42.5	42.8	43.2	43.5	43.4	45.0	43.8	42.5	43.2	-2.8%	-2.9%	1.7%
Previous	45.0	44.2	42.8	43.1	43.0	42.2	42.3	42.5	42.8	43.1	43.6	43.4	45.0	43.8	42.5	43.2	-2.8%	-2.9%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%			
<b>OPEC</b>																			
Current	32.8	32.5	31.6	31.9	32.0	31.9	32.1	32.0	32.1	32.4	32.7	32.5	32.9	32.2	32.0	32.4	-2.3%	-0.6%	1.4%
Previous	32.8	32.5	31.6	31.9	32.0	31.9	32.1	32.0	32.1	32.4	32.7	32.5	32.9	32.2	32.0	32.4	-2.3%	-0.6%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>Non-OPEC Production</b>																			
Current	68.4	69.0	70.0	71.0	69.7	70.2	70.6	70.9	70.8	71.7	72.5	72.9	67.1	69.6	70.4	72.0	3.7%	1.1%	2.3%
Previous	68.3	69.0	70.1	71.0	69.8	70.2	70.7	71.1	71.0	71.8	72.7	73.1	67.1	69.6	70.4	72.2	3.8%	1.2%	2.5%
Percent Change	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	-0.2%	-0.1%	-0.3%	-0.3%	0.1%	0.0%	-0.1%	-0.2%			
<b>Total World Production</b>																			
Current	101.2	101.5	101.7	102.8	101.8	102.1	102.7	102.9	103.0	104.1	105.2	105.4	100.1	101.8	102.4	104.4	1.7%	0.6%	2.0%
Previous	101.1	101.5	101.7	102.9	101.8	102.1	102.7	103.1	103.1	104.2	105.4	105.6	100.0	101.8	102.4	104.6	1.8%	0.6%	2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%	-0.2%	-0.2%	0.1%	0.0%	-0.1%	-0.2%			
<b>World Crude Oil and Liquid Fuels Consumption (million barrels per day)</b>																			
<b>OECD (Organization for Economic Cooperation and Development) Consumption</b>																			
Current	45.1	45.6	45.9	46.0	44.8	45.4	46.2	46.3	45.7	45.4	46.2	46.4	45.6	45.6	45.7	45.9	0.2%	0.1%	0.5%
Previous	45.1	45.6	45.9	46.0	44.8	45.1	46.2	46.4	45.8	45.4	46.3	46.4	45.6	45.6	45.6	46.0	0.2%	-0.1%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.2%	-0.1%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.2%	-0.1%			
<b>Non-OECD Consumption</b>																			
Current	55.7	56.3	56.3	56.3	57.0	57.4	57.3	57.3	58.4	58.8	58.7	58.7	54.3	56.2	57.2	58.6	3.4%	1.9%	2.4%
Previous	55.7	56.3	56.3	56.3	56.9	57.6	57.4	57.4	58.3	58.9	58.8	58.8	54.3	56.2	57.3	58.7	3.4%	2.1%	2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	-0.2%	-0.2%	0.0%	-0.1%	-0.2%	-0.2%	0.0%	0.0%	-0.1%	-0.1%			
<b>China Consumption</b>																			
Current	16.0	16.2	15.9	16.1	16.5	16.4	16.1	16.4	16.7	16.8	16.4	16.7	15.1	16.1	16.3	16.7	6.0%	1.8%	2.0%
Previous	16.0	16.2	15.9	16.1	16.4	16.6	16.2	16.4	16.7	16.9	16.6	16.8	15.1	16.1	16.4	16.7	6.0%	2.1%	2.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	-1.0%	-0.5%	-0.5%	0.1%	-0.5%	-0.8%	-0.8%	0.0%	0.0%	-0.3%	-0.5%			
<b>Total World Consumption</b>																			
Current	100.8	101.8	102.3	102.3	101.8	102.8	103.5	103.6	104.0	104.2	104.9	105.1	99.8	101.8	102.9	104.5	2.0%	1.1%	1.6%
Previous	100.8	101.8	102.3	102.3	101.7	102.6	103.6	103.7	104.1	104.3	105.1	105.2	99.8	101.8	102.9	104.7	2.0%	1.1%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	0.0%	0.0%	0.0%	-0.1%			
<b>Closing Stocks (million barrels)</b>																			
<b>OECD Commercial Inventory</b>																			
Current	2,746	2,782	2,815	2,776	2,756	2,761	2,728	2,685	2,654	2,677	2,689	2,682	2,767	2,776	2,685	2,682	0.3%	-3.3%	-0.1%
Previous	2,746	2,782	2,815	2,776	2,760	2,765	2,734	2,693	2,664	2,683	2,697	2,688	2,767	2,776	2,693	2,688	0.3%	-3.0%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.3%	-0.4%	-0.2%	-0.3%	-0.2%	0.0%	0.0%	-0.3%	-0.2%			
<b>OPEC Surplus Production Capacity and World Macroeconomic</b>																			
<b>OPEC Surplus Crude Oil Production Capacity (million barrels per day)</b>																			
Current	3.1	3.1	4.2	4.3	4.4	4.6	4.3	4.3	4.2	4.1	3.9	4.1	2.4	3.7	4.4	4.1	52.9%	19.9%	-7.2%
Previous	3.1	3.1	4.2	4.3	4.4	4.5	4.3	4.6	4.4	4.2	3.8	4.0	2.4	3.7	4.4	4.1	52.8%	20.2%	-7.0%
Percent Change	-1.7%	0.7%	0.5%	0.5%	1.8%	2.2%	1.9%	-6.3%	-4.3%	-1.0%	2.1%	2.0%	0.0%	0.1%	-0.2%	-0.4%			
<b>World GDP Growth (annualized percent change)</b>																			
Current	2.7	3.5	3.2	3.3	3.2	3.0	3.0	3.1	3.0	3.3	3.4	3.4	3.3	3.2	3.0	3.3			
Previous	2.8	3.5	3.2	3.3	3.1	3.0	3.0	3.1	3.0	3.3	3.3	3.4	3.3	3.2	3.0	3.3			

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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Supply (million barrels per day)</b>																			
<b>Crude Oil Production</b>																			
Current	12.67	12.76	13.05	13.25	12.94	13.20	13.33	13.44	13.46	13.66	13.76	13.90	11.99	12.93	13.23	13.69	7.9%	2.3%	3.5%
Previous	12.63	12.75	13.07	13.26	12.94	13.21	13.32	13.51	13.52	13.72	13.84	13.98	11.91	12.93	13.25	13.77	8.5%	2.5%	3.9%
Percent Change	0.4%	0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.5%	-0.5%	-0.4%	-0.6%	-0.5%	0.7%	0.1%	-0.1%	-0.5%			
<b>Natural Gas Plant Liquids Production</b>																			
Current	6.01	6.42	6.58	6.70	6.51	6.81	6.60	6.57	6.58	6.74	6.74	6.82	5.93	6.43	6.62	6.72	8.4%	3.0%	1.4%
Previous	6.01	6.42	6.58	6.70	6.51	6.74	6.64	6.63	6.62	6.77	6.78	6.87	5.93	6.43	6.63	6.76	8.4%	3.1%	2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	-0.7%	-0.8%	-0.7%	-0.4%	-0.6%	-0.8%	0.0%	0.0%	-0.1%	-0.6%			
<b>Ethanol Production</b>																			
Current	1.00	1.00	1.02	1.05	1.04	1.02	1.03	1.02	1.02	1.02	1.02	1.04	1.00	1.02	1.03	1.02	1.7%	1.0%	-0.5%
Previous	1.00	1.00	1.02	1.05	1.04	1.02	1.03	1.03	1.03	1.02	1.02	1.03	1.00	1.02	1.03	1.02	1.7%	1.3%	-0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.1%	-1.0%	-0.4%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.3%	0.0%			
<b>Total Petroleum and Other Liquid Fuel Net Imports</b>																			
Current	-1.64	-1.20	-1.42	-2.28	-2.41	-1.49	-1.88	-2.49	-2.71	-2.35	-2.57	-3.19	-1.19	-1.64	-2.07	-2.71	37.4%	26.4%	31.0%
Previous	-1.64	-1.20	-1.42	-2.28	-2.41	-1.98	-2.12	-2.68	-2.74	-2.52	-2.63	-3.33	-1.19	-1.64	-2.30	-2.80	37.4%	40.3%	22.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-24.8%	-11.2%	-6.9%	-1.1%	-6.5%	-2.0%	-4.1%	0.0%	0.0%	-9.9%	-3.4%			
<b>U.S. Consumption (million barrels per day)</b>																			
<b>Gasoline</b>																			
Current	8.67	9.13	9.05	8.93	8.57	9.22	9.17	8.81	8.63	9.09	9.08	8.77	8.81	8.94	8.94	8.89	1.5%	0.0%	-0.6%
Previous	8.67	9.13	9.05	8.93	8.57	9.08	9.13	8.83	8.65	9.07	9.08	8.76	8.81	8.94	8.90	8.89	1.5%	-0.4%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.5%	-0.2%	-0.2%	0.2%	0.0%	0.1%	0.0%	0.0%	0.4%	0.0%			
<b>Distillate Fuel Oil</b>																			
Current	4.01	3.93	3.90	3.90	3.82	3.79	3.91	3.94	3.98	3.96	3.95	4.01	4.03	3.93	3.87	3.98	-2.3%	-1.7%	2.9%
Previous	4.01	3.93	3.90	3.90	3.82	3.80	3.88	3.95	3.98	3.95	3.94	4.00	4.03	3.93	3.86	3.97	-2.3%	-1.8%	2.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.8%	-0.1%	0.1%	0.2%	0.3%	0.3%	0.0%	0.0%	0.2%	0.2%			
<b>Jet Fuel</b>																			
Current	1.55	1.67	1.72	1.66	1.58	1.76	1.75	1.73	1.64	1.78	1.81	1.77	1.56	1.65	1.71	1.75	5.9%	3.3%	2.6%
Previous	1.55	1.67	1.72	1.66	1.58	1.74	1.76	1.72	1.68	1.77	1.82	1.77	1.56	1.65	1.70	1.76	5.9%	3.1%	3.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	-0.3%	0.3%	-2.6%	0.6%	-0.5%	0.0%	0.0%	0.0%	0.2%	-0.6%			
<b>Hydrocarbon Gas Liquids</b>																			
Current	3.40	3.36	3.25	3.81	3.80	3.37	3.40	3.85	3.87	3.42	3.46	3.91	3.36	3.46	3.60	3.66	2.9%	4.2%	1.7%
Previous	3.40	3.36	3.25	3.81	3.80	3.27	3.40	3.86	3.87	3.40	3.49	3.94	3.36	3.46	3.58	3.67	2.9%	3.6%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	-0.4%	0.0%	0.4%	-0.9%	-0.7%	0.0%	0.0%	0.6%	-0.3%			
<b>Total Petroleum and Other Liquid Fuels</b>																			
Current	19.66	20.38	20.37	20.56	19.80	20.53	20.79	20.67	20.26	20.63	20.82	20.79	20.01	20.25	20.45	20.63	1.2%	1.0%	0.9%
Previous	19.66	20.38	20.37	20.56	19.80	20.24	20.70	20.70	20.33	20.58	20.85	20.81	20.01	20.25	20.36	20.65	1.2%	0.6%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.5%	-0.1%	-0.3%	0.2%	-0.2%	-0.1%	0.0%	0.0%	0.4%	-0.1%			
<b>U.S. Closing Stocks (million barrels)</b>																			
<b>Crude Oil</b>																			
Current	465.4	454.7	417.5	426.4	447.2	445.1	421.3	424.7	448.7	437.5	420.8	428.5	430.1	426.4	424.7	428.5	-0.9%	-0.4%	0.9%
Previous	465.4	454.7	417.5	426.4	447.2	445.7	424.5	428.2	454.2	443.8	426.7	434.2	430.1	426.4	428.2	434.2	-0.9%	0.4%	1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.8%	-0.8%	-1.2%	-1.4%	-1.4%	-1.3%	0.0%	0.0%	-0.8%	-1.3%			
<b>Total Gasoline</b>																			
Current	225.3	223.2	227.6	241.3	233.4	229.7	220.5	237.1	235.4	230.0	225.8	241.4	224.4	241.3	237.1	241.4	7.5%	-1.8%	1.8%
Previous	225.3	223.2	227.6	241.3	233.4	230.6	221.1	234.4	231.0	220.2	216.9	229.0	224.4	241.3	234.4	229.0	7.5%	-2.9%	-2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	1.1%	1.9%	4.4%	4.1%	5.4%	0.0%	0.0%	1.1%	5.4%			
<b>Distillate Fuel Oil</b>																			
Current	112.3	112.6	119.2	130.7	121.2	124.6	121.4	126.7	118.2	119.9	118.2	119.2	118.9	130.7	126.7	119.2	9.9%	-3.1%	-5.9%
Previous	112.3	112.6	119.2	130.7	121.2	120.0	120.0	125.9	117.2	118.9	117.1	118.2	118.9	130.7	125.9	118.2	9.9%	-3.7%	-6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	3.9%	1.2%	0.6%	0.9%	0.8%	1.0%	0.8%	0.0%	0.0%	0.6%	0.8%			

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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Supply (billion cubic feet per day)</b>																			
<b>Total Marketed Production</b>																			
Current	111.2	112.5	113.6	115.2	113.4	111.7	113.0	113.3	113.0	114.1	114.5	115.7	108.0	113.1	112.8	114.3	4.7%	-0.3%	1.3%
Previous	111.2	112.5	113.6	115.2	113.4	112.2	112.9	113.6	113.6	114.4	115.1	116.6	108.0	113.1	113.0	114.9	4.7%	-0.1%	1.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.1%	-0.3%	-0.5%	-0.3%	-0.6%	-0.8%	0.0%	0.0%	-0.2%	-0.5%			
<b>Federal GOM Marketed Production</b>																			
Current	2.1	1.9	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	2.1	2.0	1.8	1.7	-5.6%	-9.6%	-3.9%
Previous	2.1	1.9	2.0	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.0	1.8	1.8	-5.6%	-7.6%	-2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-3.0%	-2.8%	-2.9%	-3.4%	-4.3%	-4.1%	-3.3%	0.0%	0.0%	-2.2%	-3.8%			
<b>Lower 48 ex GOM Marketed Production</b>																			
Current	108.0	109.6	110.7	112.2	110.4	108.8	110.3	110.5	110.2	111.4	111.9	113.0	104.9	110.1	110.0	111.6	5.0%	-0.1%	1.5%
Previous	108.0	109.6	110.7	112.2	110.4	109.3	110.2	110.8	110.8	111.7	112.4	113.8	104.9	110.1	110.2	112.2	5.0%	0.0%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.1%	-0.3%	-0.5%	-0.2%	-0.5%	-0.7%	0.0%	0.0%	-0.1%	-0.5%			
<b>Pipeline Gross Imports</b>																			
Current	8.4	7.3	7.9	8.2	9.0	7.6	7.5	7.6	8.3	7.0	7.2	7.5	8.2	8.0	7.9	7.5	-2.8%	-1.0%	-5.1%
Previous	8.4	7.3	7.9	8.2	9.0	7.1	7.3	7.5	8.3	7.0	7.2	7.5	8.2	8.0	7.7	7.5	-2.8%	-3.5%	-2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	6.5%	3.6%	1.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	2.6%	0.1%			
<b>LNG Gross Imports</b>																			
Current	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	-39.7%	48.4%	-4.5%
Previous	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	-39.7%	54.5%	-8.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-40.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.9%	0.0%			
<b>Gross Exports</b>																			
Current	20.4	20.5	20.6	21.9	21.8	20.5	20.9	22.7	23.2	23.3	24.3	24.9	18.9	20.9	21.5	23.9	10.2%	3.0%	11.4%
Previous	20.4	20.5	20.6	21.9	21.8	20.6	21.1	22.7	23.2	23.3	24.3	24.9	18.9	20.9	21.6	23.9	10.2%	3.4%	11.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%			
<b>U.S. Consumption (billion cubic feet per day)</b>																			
<b>Residential</b>																			
Current	23.5	7.3	3.6	15.0	22.8	6.6	3.7	16.1	24.2	7.3	3.8	16.1	13.6	12.3	12.3	12.8	-9.7%	0.2%	4.0%
Previous	23.5	7.3	3.6	15.0	22.8	6.6	3.8	16.1	24.2	7.3	3.8	16.1	13.6	12.3	12.3	12.8	-9.7%	0.2%	4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	-1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
<b>Commercial</b>																			
Current	14.5	6.4	4.7	10.7	14.3	6.3	5.2	11.4	15.1	6.7	5.3	11.4	9.6	9.1	9.3	9.6	-5.7%	2.3%	3.6%
Previous	14.5	6.4	4.7	10.7	14.3	6.3	5.2	11.4	15.1	6.8	5.3	11.4	9.6	9.1	9.3	9.6	-5.7%	2.4%	3.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.7%	-0.1%	-0.1%	-0.2%	-0.3%	-0.2%	0.0%	0.0%	-0.1%	-0.2%			
<b>Industrial</b>																			
Current	24.8	22.4	22.0	24.3	24.9	22.3	21.9	23.9	24.7	21.7	21.5	23.8	23.4	23.4	23.3	22.9	0.0%	-0.6%	-1.3%
Previous	24.8	22.4	22.0	24.3	24.9	22.1	21.6	23.8	24.7	21.7	21.5	23.8	23.4	23.4	23.1	22.9	0.0%	-1.3%	-0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	1.4%	0.6%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.8%	0.0%			
<b>Electric Power Sector</b>																			
Current	30.8	33.4	44.8	32.6	32.5	34.8	44.0	32.4	31.1	33.1	43.1	31.9	33.1	35.4	36.0	34.8	6.9%	1.5%	-3.1%
Previous	30.8	33.4	44.8	32.6	32.5	34.9	43.6	31.9	30.6	33.2	43.1	32.2	33.1	35.4	35.7	34.8	6.9%	0.9%	-2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	1.0%	1.7%	1.7%	-0.2%	0.0%	-1.0%	0.0%	0.0%	0.6%	0.1%			
<b>Total Consumption</b>																			
Current	103.0	78.0	83.9	91.7	104.0	78.5	83.6	93.0	104.7	77.4	82.6	92.4	88.5	89.1	89.8	89.2	0.7%	0.7%	-0.6%
Previous	103.0	78.0	83.9	91.7	104.0	78.3	82.9	92.3	104.2	77.5	82.6	92.8	88.5	89.1	89.4	89.2	0.7%	0.3%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.8%	0.7%	0.5%	-0.1%	-0.1%	-0.5%	0.0%	0.0%	0.4%	0.0%			
<b>U.S. Working Gas in Storage (billion cubic feet)</b>																			
Current	1,850	2,902	3,490	3,457	2,301	3,179	3,706	3,314	1,963	2,956	3,573	3,250	2,925	3,457	3,314	3,250	18.2%	-4.1%	-1.9%
Previous	1,850	2,902	3,490	3,457	2,301	3,178	3,720	3,326	1,971	2,962	3,577	3,266	2,925	3,457	3,326	3,266	18.2%	-3.8%	-1.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.4%	-0.4%	-0.4%	-0.2%	-0.1%	-0.5%	0.0%	0.0%	-0.4%	-0.5%			
<b>U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)</b>																			
Current	0.4	-0.4	-1.4	-0.6	-0.2	-0.8	-1.0	-0.2	0.8	0.1	1.3	0.2	-1.5	-0.5	-0.6	0.6			
Previous	0.4	-0.4	-1.4	-0.7	-0.3	-1.1	-1.0	-1.0	-0.2	-0.1	0.8	-0.1	-1.5	-0.5	-0.8	0.1			

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

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

Current Forecast: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Electricity Generation, Electric Power Sector (billion kilowatthours)</b>																			
<b>Total Generation</b>																			
Current	949	947	1168	958	984	1007	1175	982	991	1007	1202	992	4,074	4,022	4,148	4,193	-1.3%	3.1%	1.1%
Previous	949	947	1168	958	984	1012	1183	985	993	1015	1210	994	4,074	4,022	4,164	4,211	-1.3%	3.5%	1.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.7%	-0.3%	-0.1%	-0.7%	-0.7%	-0.2%	0.0%	0.0%	-0.4%	-0.4%			
<b>Coal</b>																			
Current	157	141	216	157	157	147	206	160	161	127	214	157	826	671	670	659	-18.8%	-0.2%	-1.6%
Previous	157	141	216	157	157	148	216	168	168	132	220	155	826	671	688	674	-18.8%	2.6%	-2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-4.7%	-5.0%	-4.0%	-4.1%	-2.6%	1.3%	0.0%	0.0%	-2.7%	-2.3%			
<b>Natural gas</b>																			
Current	368	395	538	395	395	411	530	392	373	393	519	386	1,583	1,695	1,728	1,671	7.1%	1.9%	-3.3%
Previous	368	395	538	395	395	414	524	387	368	395	520	391	1,583	1,695	1,719	1,674	7.1%	1.4%	-2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	1.0%	1.4%	1.5%	-0.5%	-0.2%	-1.3%	0.0%	0.0%	0.5%	-0.2%			
<b>Petroleum</b>																			
Current	4	3	5	4	4	3	5	5	4	3	4	5	22	16	16	16	-28.5%	4.2%	1.1%
Previous	4	3	5	4	4	4	4	5	4	3	4	5	22	16	16	16	-28.5%	3.6%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.5%	1.6%	1.7%	3.8%	-1.3%	0.4%	1.5%	0.0%	0.0%	0.6%	1.3%			
<b>Nuclear</b>																			
Current	194	183	205	193	197	191	207	192	198	193	209	196	772	775	787	795	0.5%	1.5%	1.0%
Previous	194	183	205	193	197	190	206	191	196	191	207	194	772	775	784	788	0.5%	1.1%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.4%	1.0%	1.0%	0.7%	0.9%	1.0%	0.0%	0.0%	0.5%	0.9%			
<b>Conventional Hydroelectric</b>																			
Current	61	64	59	55	63	63	57	57	66	75	64	59	254	239	241	264	-5.9%	0.9%	9.8%
Previous	61	64	59	55	63	64	59	59	68	76	65	60	254	239	246	269	-5.9%	2.9%	9.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	-3.8%	-3.4%	-2.8%	-1.4%	-1.3%	-1.1%	0.0%	0.0%	-2.0%	-1.7%			
<b>Other Renewables</b>																			
Current	165	161	146	154	169	190	171	176	188	217	193	189	617	626	707	788	1.5%	12.9%	11.6%
Previous	165	161	146	154	169	193	174	176	189	218	196	190	617	626	711	791	1.5%	13.6%	11.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.4%	-1.3%	0.1%	-0.2%	-0.2%	-1.3%	0.0%	0.0%	0.0%	-0.7%	-0.4%			
<b>U.S. Electricity Sales (billion kilowatthours)</b>																			
<b>Residential</b>																			
Current	355	319	455	325	365	344	459	337	371	343	471	339	1,509	1,455	1,504	1,525	-3.6%	3.4%	1.4%
Previous	355	319	455	325	365	341	462	336	371	342	475	339	1,509	1,455	1,504	1,527	-3.6%	3.4%	1.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	-0.6%	0.1%	0.0%	0.3%	-0.8%	0.0%	0.0%	0.0%	0.0%	-0.2%			
<b>Commercial</b>																			
Current	322	330	392	331	330	349	396	338	334	349	401	339	1,391	1,375	1,412	1,423	-1.1%	2.7%	0.8%
Previous	322	330	392	331	330	351	399	338	334	353	404	340	1,391	1,375	1,418	1,431	-1.1%	3.1%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.8%	-0.1%	-0.1%	-1.0%	-1.0%	-0.2%	0.0%	0.0%	-0.4%	-0.6%			
<b>Industrial</b>																			
Current	239	256	275	254	243	259	279	261	249	269	290	271	1,020	1,025	1,042	1,080	0.4%	1.6%	3.7%
Previous	239	256	275	254	243	261	285	263	250	272	296	273	1,020	1,025	1,052	1,090	0.4%	2.7%	3.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	-1.9%	-0.8%	-0.2%	-0.9%	-1.8%	-0.6%	0.0%	0.0%	-1.0%	-0.9%			
<b>Total</b>																			
Current	919	906	1124	912	939	953	1136	937	956	964	1164	951	3,927	3,861	3,965	4,035	-1.7%	2.7%	1.8%
Previous	919	906	1124	912	939	955	1147	939	957	969	1177	953	3,927	3,861	3,981	4,056	-1.7%	3.1%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-1.0%	-0.2%	-0.1%	-0.5%	-1.1%	-0.2%	0.0%	0.0%	-0.4%	-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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Coal (million short tons)</b>																			
<b>Production</b>																			
Current	149	142	146	141	130	110	131	128	123	108	123	120	594	577	499	474	-2.8%	-13.6%	-5.0%
Previous	149	142	146	141	130	110	136	133	128	113	127	122	594	577	510	490	-2.8%	-11.7%	-4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-3.9%	-3.9%	-3.6%	-4.6%	-3.3%	-1.3%	0.0%	0.0%	-2.1%	-3.2%			
<b>Exports</b>																			
Current	25	24	25	26	27	25	25	26	24	24	26	30	86	100	103	104	16.1%	3.2%	0.8%
Previous	25	24	25	26	27	24	25	27	24	25	26	29	86	100	102	104	16.1%	2.2%	2.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	6.8%	0.1%	-2.6%	-2.1%	-4.8%	1.8%	3.2%	0.0%	0.0%	0.9%	-0.3%			
<b>Imports</b>																			
Current	1.0	1.0	1.0	1.0	0.3	0.6	1.1	0.9	0.6	0.7	1.1	0.8	6.3	4.0	2.9	3.2	-36.5%	-28.7%	13.5%
Previous	1.0	1.0	1.0	1.0	0.3	0.8	1.2	1.0	0.7	0.8	1.2	0.8	6.3	4.0	3.4	3.5	-36.5%	-15.6%	4.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-31.8%	-13.0%	-10.9%	-11.9%	-10.6%	-6.9%	-5.9%	0.0%	0.0%	-15.6%	-8.5%			
<b>Electric Power Demand</b>																			
Current	91	82	123	91	91	85	117	92	92	72	121	92	473	387	384	377	-18.1%	-0.8%	-1.9%
Previous	91	82	123	91	91	85	123	97	96	76	125	90	473	387	395	387	-18.1%	2.2%	-2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-5.0%	-5.1%	-4.9%	-4.7%	-2.7%	1.3%	0.0%	0.0%	-2.9%	-2.7%			
<b>Secondary Stocks</b>																			
Current	113	132	121	136	138	134	120	122	122	126	97	88	93	136	122	88	46.0%	-10.1%	-27.6%
Previous	113	132	121	136	138	133	119	120	117	122	95	89	93	136	120	89	46.0%	-11.8%	-25.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	1.2%	1.9%	4.0%	3.8%	2.5%	-1.0%	0.0%	0.0%	1.9%	-1.0%			
<b>U.S. Carbon Dioxide Emissions</b>																			
<b>Petroleum</b>																			
Current	548.2	563.0	570.1	571.7	543.1	566.6	574.8	572.5	550.7	568.5	577.3	575.0	2,250	2,253	2,257	2,272	0.1%	0.2%	0.6%
Previous	548.2	563.0	570.1	571.7	543.1	565.4	573.9	572.8	552.6	567.2	576.9	574.3	2,250	2,253	2,255	2,271	0.1%	0.1%	0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.3%	0.2%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%			
<b>Coal</b>																			
Current	185.8	167.3	239.6	183.8	183.0	164.6	230.2	187.6	186.7	150.3	239.4	186.9	939	777	765	763	-17.3%	-1.4%	-0.3%
Previous	185.8	167.3	239.6	183.8	183.7	167.3	242.1	197.4	196.1	158.1	246.5	185.8	939	777	790	787	-17.3%	1.8%	-0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-1.6%	-4.9%	-4.9%	-4.8%	-4.9%	-2.9%	0.6%	0.0%	0.0%	-3.2%	-3.0%			
<b>Natural Gas</b>																			
Current	501.2	382.9	416.4	455.5	511.7	388.4	415.2	462.3	509.9	380.0	410.2	459.2	1,742	1,756	1,778	1,759	0.8%	1.2%	-1.0%
Previous	501.2	382.8	416.4	455.5	511.7	383.9	411.8	459.0	507.3	380.4	410.5	461.3	1,742	1,756	1,766	1,759	0.8%	0.6%	-0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.8%	0.7%	0.5%	-0.1%	-0.1%	-0.5%	0.0%	0.0%	0.6%	0.0%			
<b>Total Fossil Fuel</b>																			
Current	1,235	1,113	1,226	1,211	1,238	1,120	1,220	1,222	1,247	1,099	1,227	1,221	4,931	4,785	4,800	4,794	-3.0%	0.3%	-0.1%
Previous	1,235	1,113	1,226	1,211	1,238	1,117	1,228	1,229	1,256	1,106	1,234	1,221	4,931	4,785	4,812	4,817	-3.0%	0.6%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	-0.6%	-0.5%	-0.7%	-0.6%	-0.6%	0.0%	0.0%	0.0%	-0.3%	-0.5%			

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: August 6, 2024; Previous Forecast: July 9, 2024

	2023				2024				2025				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025
<b>U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)</b>																			
<b>Wind Power</b>																			
Current	0.430	0.350	0.289	0.382	0.418	0.398	0.299	0.404	0.433	0.413	0.309	0.417	1.481	1.450	1.518	1.572	-2.1%	4.7%	3.5%
Previous	0.430	0.350	0.289	0.382	0.418	0.397	0.307	0.406	0.433	0.413	0.317	0.420	1.481	1.450	1.527	1.583	-2.1%	5.3%	3.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-2.5%	-0.4%	-0.2%	0.1%	-2.7%	-0.6%	0.0%	0.0%	-0.6%	-0.7%			
<b>Wood Biomass</b>																			
Current	0.493	0.472	0.478	0.475	0.461	0.477	0.522	0.520	0.501	0.504	0.532	0.522	2.012	1.918	1.980	2.059	-4.7%	3.2%	4.0%
Previous	0.493	0.472	0.478	0.475	0.461	0.491	0.527	0.522	0.502	0.509	0.532	0.523	2.012	1.918	2.000	2.066	-4.7%	4.3%	3.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.7%	-0.9%	-0.4%	-0.3%	-1.0%	-0.1%	-0.1%	0.0%	0.0%	-1.0%	-0.4%			
<b>Solar Power</b>																			
Current	0.162	0.262	0.272	0.181	0.201	0.328	0.359	0.237	0.259	0.418	0.435	0.278	0.765	0.878	1.125	1.389	14.8%	28.2%	23.5%
Previous	0.162	0.262	0.272	0.181	0.201	0.338	0.359	0.236	0.260	0.420	0.436	0.277	0.765	0.878	1.134	1.392	14.8%	29.2%	22.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.7%	-0.2%	0.6%	-0.4%	-0.5%	-0.2%	0.4%	0.0%	0.0%	-0.7%	-0.2%			
<b>Ethanol</b>																			
Current	0.281	0.298	0.299	0.300	0.279	0.300	0.302	0.298	0.279	0.298	0.301	0.299	1.163	1.177	1.179	1.177	1.2%	0.2%	-0.2%
Previous	0.281	0.298	0.299	0.300	0.279	0.293	0.303	0.299	0.280	0.298	0.301	0.300	1.163	1.177	1.174	1.179	1.2%	-0.2%	0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	-0.5%	-0.4%	-0.4%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.4%	-0.2%			
<b>Biodiesel, Renewable Diesel, and Other</b>																			
Current	0.140	0.173	0.175	0.172	0.177	0.193	0.188	0.199	0.188	0.199	0.200	0.208	0.462	0.660	0.757	0.795	42.9%	14.7%	5.0%
Previous	0.140	0.173	0.175	0.172	0.177	0.197	0.190	0.200	0.194	0.206	0.206	0.214	0.462	0.660	0.765	0.820	42.9%	15.9%	7.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-2.0%	-1.3%	-0.9%	-2.8%	-3.1%	-3.1%	-3.0%	0.0%	0.0%	-1.1%	-3.0%			
<b>U.S. Renewable Electric Power Sector Generation Capacity (MW)</b>																			
<b>Wind Power</b>																			
Current	142,976	144,398	144,573	147,599	148,819	150,612	151,774	155,224	155,239	155,828	157,006	160,274	141,275	147,599	155,224	160,274	4.5%	5.2%	3.3%
Previous	142,975	144,397	144,572	147,600	148,820	151,451	151,791	155,216	155,232	155,853	157,032	160,397	141,275	147,600	155,216	160,397	4.5%	5.2%	3.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%			
<b>Wood Biomass</b>																			
Current	2,414	2,414	2,329	2,329	2,329	2,317	2,317	2,320	2,320	2,320	2,320	2,320	2,414	2,329	2,320	2,320	-3.5%	-0.4%	0.0%
Previous	2,414	2,414	2,329	2,329	2,329	2,317	2,319	2,319	2,319	2,319	2,319	2,319	2,414	2,329	2,319	2,319	-3.5%	-0.4%	0.0%
Percent Change	0.0%	0.0%	0.0%	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%			
<b>Solar Power</b>																			
Current	74,808	78,458	81,965	91,712	97,536	105,401	116,420	128,591	132,937	138,585	142,943	155,377	72,248	91,712	128,591	155,377	26.9%	40.2%	20.8%
Previous	74,845	78,437	81,939	91,648	97,465	108,232	116,702	128,738	132,486	139,240	143,062	155,850	72,248	91,648	128,738	155,850	26.9%	40.5%	21.1%
Percent Change	0.0%	0.0%	0.0%	0.1%	0.1%	-2.6%	-0.2%	-0.1%	0.3%	-0.5%	-0.1%	-0.3%	0.0%	0.1%	-0.1%	-0.3%			

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