

**Table 21. Natural gas net generation (all sectors), projected versus actual**

**Projected**

(billion kilowatthours)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AEO2007	798.0	814.1	886.2	906.1	892.3	916.0	946.0	969.4	980.2	1,017.9	1,034.8	1,027.5	1,038.3	1,045.2	1,059.4	1,053.1
AEO2008		881.5	897.1	901.4	907.8	907.1	914.5	881.1	882.0	904.6	921.0	912.4	886.9	861.4	832.4	813.9
AEO2009			887.1	863.9	814.5	802.2	826.8	813.5	805.7	815.4	838.8	860.5	881.0	891.1	897.9	923.8
AEO2010				905.1	856.1	804.5	753.4	665.8	638.6	690.3	699.4	722.5	735.3	751.9	766.9	761.9
AEO2011					1,009.6	971.3	958.5	974.7	980.6	1,000.1	993.1	1,004.3	1,015.1	1,020.8	1,001.7	984.7
AEO2012						1,008.2	1,065.6	1,006.6	1,066.8	1,129.7	1,119.8	1,113.4	1,116.4	1,126.5	1,112.8	1,113.2
AEO2013							1,217.7	1,094.1	1,113.0	1,131.8	1,226.2	1,201.9	1,187.6	1,186.7	1,184.5	1,188.9
AEO2014								1,116.5	1,082.0	1,127.2	1,222.4	1,212.0	1,220.9	1,238.1	1,267.9	1,285.0
AEO2015									1,133.1	1,146.6	1,179.5	1,147.6	1,164.8	1,144.3	1,116.5	1,116.4
AEO2016										1,348.3	1,330.3	1,322.6	1,288.8	1,265.6	1,201.2	1,163.6
AEO2017											1,414.5	1,384.8	1,386.7	1,322.5	1,235.1	1,202.6
AEO2018												1,252.0	1,329.3	1,417.4	1,371.9	1,379.1
AEO2019													1,440.1	1,464.0	1,537.6	1,564.5
AEO2020														1,558.5	1,552.8	1,638.7
AEO2021															1,636.4	1,428.2
AEO2022																1,564.1
<b>Actual</b>	816.4	896.6	883.0	921.0	987.7	1,013.7	1,225.9	1,124.8	1,126.6	1,333.5	1,378.3	1,296.4	1,469.1	1,585.8	1,624.2	1,575.2
Average absolute difference	18.4	48.8	7.2	26.9	100.4	112.1	271.2	184.6	163.4	305.2	295.8	218.7	339.0	422.0	440.8	384.3

**Table 21. Natural gas net generation (all sectors), projected versus actual (continued)**

**Projected versus actual**  
(percentage difference)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AEO2007	-2.3	-9.2	0.4	-1.6	-9.7	-9.6	-22.8	-13.8	-13.0	-23.7	-24.9	-20.7	-29.3	-34.1	-34.8	-33.1
AEO2008		-1.7	1.6	-2.1	-8.1	-10.5	-25.4	-21.7	-21.7	-32.2	-33.2	-29.6	-39.6	-45.7	-48.8	-48.3
AEO2009			0.5	-6.2	-17.5	-20.9	-32.6	-27.7	-28.5	-38.8	-39.1	-33.6	-40.0	-43.8	-44.7	-41.4
AEO2010				-1.7	-13.3	-20.6	-38.5	-40.8	-43.3	-48.2	-49.3	-44.3	-49.9	-52.6	-52.8	-51.6
AEO2011					2.2	-4.2	-21.8	-13.3	-13.0	-25.0	-27.9	-22.5	-30.9	-35.6	-38.3	-37.5
AEO2012						-0.5	-13.1	-10.5	-5.3	-15.3	-18.8	-14.1	-24.0	-29.0	-31.5	-29.3
AEO2013							-0.7	-2.7	-1.2	-15.1	-11.0	-7.3	-19.2	-25.2	-27.1	-24.5
AEO2014								-0.7	-4.0	-15.5	-11.3	-6.5	-16.9	-21.9	-21.9	-18.4
AEO2015									0.6	-14.0	-14.4	-11.5	-20.7	-27.8	-31.3	-29.1
AEO2016										1.1	-3.5	2.0	-12.3	-20.2	-26.0	-26.1
AEO2017											2.6	6.8	-5.6	-16.6	-24.0	-23.7
AEO2018												-3.4	-9.5	-10.6	-15.5	-12.4
AEO2019													-2.0	-7.7	-5.3	-0.7
AEO2020														-1.7	-4.4	4.0
AEO2021															0.8	-9.3
AEO2022																-0.7
Average absolute percentage difference	2.3	5.4	0.8	2.9	10.2	11.1	22.1	16.4	14.5	22.9	21.5	16.9	23.1	26.6	27.1	24.4

Data source: Historical data are from the U.S. Energy Information Administration open data API (accessed April 2022), <http://www.eia.gov/opendata/>, series: TOTAL.NGETPUS.A ; projections: Annual Energy Outlook, Reference case projections from various editions

Notes: shading indicates overestimation (blue) or underestimation (green).