

Table 20. Coal 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	2,025.0	2,044.0	2,047.6	2,081.4	2,142.3	2,178.4	2,202.5	2,228.3	2,274.0	2,295.4	2,328.3	2,361.4	2,388.5	2,431.9	2,488.5	2,553.5
AEO2008		2,024.4	2,014.3	2,035.1	2,055.4	2,102.9	2,130.0	2,142.7	2,166.3	2,181.7	2,204.5	2,240.1	2,289.5	2,324.9	2,357.3	2,402.4
AEO2009			2,019.2	1,999.1	2,056.9	2,085.1	2,102.0	2,110.1	2,114.3	2,121.5	2,126.9	2,138.1	2,144.2	2,152.6	2,155.8	2,151.1
AEO2010				1,813.2	1,828.9	1,940.0	2,003.3	2,045.6	2,075.6	2,037.5	2,054.8	2,054.3	2,071.2	2,088.4	2,093.1	2,117.0
AEO2011					1,863.7	1,819.5	1,823.6	1,820.3	1,799.9	1,798.8	1,822.8	1,832.5	1,847.2	1,865.9	1,906.9	1,951.0
AEO2012						1,797.4	1,709.3	1,697.5	1,641.2	1,581.5	1,588.6	1,605.1	1,624.8	1,644.7	1,671.5	1,696.3
AEO2013							1,546.7	1,609.9	1,616.0	1,613.6	1,520.2	1,566.6	1,599.6	1,635.6	1,655.6	1,663.0
AEO2014								1,629.2	1,663.8	1,636.9	1,553.3	1,599.0	1,634.3	1,647.6	1,645.7	1,654.6
AEO2015									1,616.3	1,593.8	1,562.7	1,595.0	1,613.5	1,674.4	1,709.1	1,713.7
AEO2016										1,354.9	1,356.8	1,365.2	1,386.1	1,387.0	1,388.0	1,346.8
AEO2017											1,232.9	1,250.2	1,260.5	1,331.3	1,372.0	1,342.7
AEO2018												1,268.3	1,253.7	1,197.1	1,194.0	1,158.1
AEO2019													1,164.6	1,109.0	1,050.2	1,014.6
AEO2020														984.9	898.8	851.6
AEO2021															773.9	941.7
AEO2022																954.1
Actual	1,990.5	2,016.5	1,985.8	1,755.9	1,847.3	1,733.4	1,514.0	1,581.1	1,581.7	1,352.4	1,239.1	1,205.8	1,149.5	965.0	773.4	898.7
Average absolute difference	34.5	17.8	41.2	226.3	149.5	253.8	417.0	329.3	303.5	469.2	521.2	533.8	564.2	711.9	850.6	701.7

Table 20. Coal 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	1.7	1.4	3.1	18.5	16.0	25.7	45.5	40.9	43.8	69.7	87.9	95.8	107.8	152.0	221.8	184.1
AEO2008		0.4	1.4	15.9	11.3	21.3	40.7	35.5	37.0	61.3	77.9	85.8	99.2	140.9	204.8	167.3
AEO2009			1.7	13.8	11.3	20.3	38.8	33.5	33.7	56.9	71.6	77.3	86.5	123.1	178.7	139.4
AEO2010				3.3	-1.0	11.9	32.3	29.4	31.2	50.7	65.8	70.4	80.2	116.4	170.6	135.6
AEO2011					0.9	5.0	20.4	15.1	13.8	33.0	47.1	52.0	60.7	93.4	146.6	117.1
AEO2012						3.7	12.9	7.4	3.8	16.9	28.2	33.1	41.4	70.4	116.1	88.8
AEO2013							2.2	1.8	2.2	19.3	22.7	29.9	39.2	69.5	114.1	85.1
AEO2014								3.0	5.2	21.0	25.4	32.6	42.2	70.7	112.8	84.1
AEO2015									2.2	17.9	26.1	32.3	40.4	73.5	121.0	90.7
AEO2016										0.2	9.5	13.2	20.6	43.7	79.5	49.9
AEO2017											-0.5	3.7	9.7	38.0	77.4	49.4
AEO2018												5.2	9.1	24.1	54.4	28.9
AEO2019													1.3	14.9	35.8	12.9
AEO2020														2.1	16.2	-5.2
AEO2021															0.1	4.8
AEO2022																6.2
Average absolute percentage difference	1.7	0.9	2.1	12.9	8.1	14.6	27.5	20.8	19.2	34.7	42.1	44.3	49.1	73.8	110.0	78.1

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.CLETPUS.A ; projections: Annual Energy Outlook, Reference case projections from various editions

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