Table 35. Comparison of electricity forecasts, 2015 and 2025 (billion kilowatthours, except where noted)

Projection	2003	AEO2005			Other forecasts				
		Reference	Low economic growth	High economic growth	GII	EVA	EEA	SEER	PIRA
					2015				
Average end-use price (2003 cents per kilowatthour)	**7.4**	**6.9**	**6.7**	**7.1**	**7.2**	**NA**	**NA**	**NA**	**NA**
Residential	8.7	8.1	7.7	8.3	8.3	8.1	NA	NA	NA
Commercial	7.9	7.3	6.9	7.5	7.7	7.4	NA	NA	NA
Industrial	5.1	5.0	4.7	5.2	4.8	4.7	NA	NA	NA
Net energy for load, including CHP	**3,857**	**4,912**	**4,762**	**5,082**	**4,667**	**5,131**	**4,913**	**4,472**	**4,706**
Coal	1,971	2,306	2,269	2,354	2,325	2,190	2,255	2,230	2,115
Oil	135	150	146	149	45	22	77	97	97
Natural gas [a]	632	1,171	1,077	1,285	1,035	1,523	1,306	815	1,237
Nuclear	764	826	826	826	800	822	813	794	805
Hydroelectric/other [b]	350	438	426	448	446	538	383	356	430
Nonutility sales to grid [c]	28	59	53	67	NA	NA	41	179	NA
Net imports	5	21	18	20	16	36	38	NA	23
Electricity sales	**3,482**	**4,430**	**4,295**	**4,583**	**4,244**	**4,571**	**4,415**	**NA**	**NA**
Residential	1,280	1,584	1,569	1,604	1,569	1,673	1,561	NA	NA
Commercial/other [d]	1,233	1,680	1,657	1,703	1,539	1,699	1,588	NA	NA
Industrial	969	1,166	1,069	1,276	1,136	1,200	1,266	NA	NA
Capability, including CHP (gigawatts) [e]	**948**	**1,002**	**981**	**1,030**	**989**	**1,074**	**1,074**	**NA**	**NA**
Coal	314	320	316	325	347	330	335	NA	NA
Oil and natural gas	415	455	439	476	408	329	500	NA	NA
Nuclear	99	102	102	102	100	102	102	NA	NA
Hydroelectric/other	119	125	123	126	134	312	138	NA	NA
					2025				
Average end-use price (2003 cents per kilowatthour)	**7.4**	**7.3**	**7.0**	**7.6**	**7.1**	**NA**	**NA**	**NA**	**NA**
Residential	8.7	8.3	8.0	8.7	8.2	8.1	NA	NA	NA
Commercial	7.9	7.6	7.3	8.1	7.7	7.3	NA	NA	NA
Industrial	5.1	5.4	5.1	5.7	4.7	4.7	NA	NA	NA
Net energy for load, including CHP	**3,857**	**5,780**	**5,444**	**6,117**	**5,475**	**6,100**	**NA**	**5,309**	**NA**
Coal	1,971	2,890	2,613	3,179	2,932	2,597	NA	2,578	NA
Oil	135	163	158	168	26	19	NA	94	NA
Natural gas [a]	632	1,406	1,371	1,409	1,267	1,831	NA	1,181	NA
Nuclear	764	830	830	830	773	888	NA	816	NA
Hydroelectric/other [b]	350	480	461	519	464	727	NA	398	NA
Nonutility sales to grid [c]	28	91	74	110	NA	NA	NA	242	NA
Net imports	5	11	11	12	13	40	NA	NA	NA
Electricity sales	**3,482**	**5,219**	**4,914**	**5,518**	**4,982**	**5,396**	**NA**	**NA**	**NA**
Residential	1,280	1,810	1,748	1,850	1,851	2,007	NA	NA	NA
Commercial/other [d]	1,233	2,123	2,047	2,196	1,846	2,058	NA	NA	NA
Industrial	969	1,286	1,119	1,472	1,285	1,331	NA	NA	NA
Capability, including CHP (gigawatts) [e]	**948**	**1,190**	**1,129**	**1,248**	**1,140**	**1,246**	**NA**	**NA**	**NA**
Coal	314	398	361	438	435	390	NA	NA	NA
Oil and natural gas	415	555	535	567	466	387	NA	NA	NA
Nuclear	99	103	103	103	100	110	NA	NA	NA
Hydroelectric/other	119	134	130	141	139	358	NA	NA	NA

[a]Includes supplemental gaseous fuels. [b]"Other" includes conventional hydroelectric, pumped storage, geothermal, wood, wood waste, municipal waste, other biomass, solar and wind power, plus a small quantity of petroleum coke. [c]For *AEO2005*, includes only net sales from combined heat and power plants. [d]"Other" includes sales of electricity to government, railways, and street lighting authorities. [e]EIA capacity is net summer capability, including combined heat and power plants. GII capacity is nameplate, excluding cogeneration plants. [f]EVA "other" includes all CHP.

CHP = combined heat and power. NA = not available.

Sources: ***AEO2005:*** AEO2005 National Energy Modeling System, runs AEO2005.D102004A (reference case), LM2005.D102004A (low economic growth case), and HM2005.D102004A (high economic growth case). **GII:** Global Insight, Inc., *Summer 2004 U.S. Energy Outlook* (August 2004). **EVA:** Energy Ventures Analysis, Inc., *FUELCAST: Long-Term Outlook* (August 2004). **EEA:** Energy and Environmental Analysis, Inc., *EEA's Compass Service Base Case* (October 2004). **SEER:** Strategic Energy and Economic Research, Inc., *2004 Energy Outlook* (October 2004). PIRA: PIRA Research Group (October 2004).