# Table 7.7c Electric Net Summer Capacity: Commercial Sector

(Subset of Table 7.7a; Million Kilowatts)

| | Fossil Fuels | | | | | | Renewable Energy | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Biomass | | | | | | | |
| | Coal[a] | Petroleum[b] | Natural Gas[c] | Total[d] | Nuclear Electric Power | Hydroelectric Pumped Storage | Conventional Hydroelectric Power | Wood[e] | Waste[f] | Geothermal | Solar[g] | Wind | Total | Battery Storage | Total[h] |
| **1990 Year** | **0.3** | **0.2** | **0.7** | **1.2** | **–** | **–** | **(s)** | **(s)** | **0.2** | **–** | **–** | **–** | **0.2** | **–** | **1.4** |
| **1995 Year** | **.3** | **.2** | **1.2** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.3** | **–** | **–** | **–** | **.3** | **–** | **2.1** |
| **2000 Year** | **.3** | **.3** | **1.2** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.4** | **–** | **–** | **–** | **.4** | **–** | **2.2** |
| **2005 Year** | **.4** | **.3** | **1.0** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.4** | **–** | **–** | **–** | **.5** | **–** | **2.2** |
| **2006 Year** | **.4** | **.3** | **1.0** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.4** | **–** | **–** | **–** | **.5** | **–** | **2.3** |
| **2007 Year** | **.4** | **.3** | **1.1** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.4** | **–** | **–** | **–** | **.5** | **–** | **2.3** |
| **2008 Year** | **.4** | **.4** | **1.1** | **1.8** | **–** | **–** | **(s)** | **(s)** | **.4** | **–** | **–** | **–** | **.5** | **–** | **2.3** |
| **2009 Year** | **.4** | **.3** | **1.1** | **1.9** | **–** | **–** | **(s)** | **(s)** | **.5** | **–** | **–** | **(s)** | **.5** | **–** | **2.4** |
| **2010 Year** | **.4** | **.4** | **1.2** | **1.9** | **–** | **–** | **(s)** | **(s)** | **.5** | **–** | **(s)** | **(s)** | **.5** | **–** | **2.5** |
| **2011 Year** | **.4** | **.4** | **1.3** | **2.1** | **–** | **–** | **(s)** | **(s)** | **.6** | **–** | **.1** | **(s)** | **.7** | **–** | **2.8** |
| **2012 Year** | **.4** | **.4** | **1.5** | **2.4** | **–** | **–** | **(s)** | **(s)** | **.6** | **–** | **.1** | **(s)** | **.8** | **–** | **3.2** |
| **2013 Year** | **.3** | **.5** | **1.8** | **2.6** | **–** | **–** | **(s)** | **(s)** | **.7** | **–** | **.2** | **(s)** | **1.0** | **–** | **3.6** |
| **2014 Year** | **.3** | **.5** | **1.8** | **2.6** | **–** | **–** | **(s)** | **.1** | **.7** | **–** | **.2** | **.1** | **1.1** | **–** | **3.7** |
| **2015 Year** | **.2** | **.5** | **1.9** | **2.6** | **–** | **–** | **(s)** | **.1** | **.7** | **–** | **.3** | **.1** | **1.2** | **(s)** | **3.8** |
| **2016 Year** | **.2** | **.5** | **2.0** | **2.7** | **–** | **–** | **.1** | **.1** | **.7** | **–** | **.3** | **.1** | **1.2** | **(s)** | **3.9** |
| **2017 Year** | **.2** | **.6** | **2.0** | **2.8** | **–** | **–** | **.1** | **.1** | **.7** | **–** | **.3** | **.1** | **1.2** | **(s)** | **4.1** |
| **2018 Year** | **.1** | **.8** | **2.2** | **3.1** | **–** | **–** | **.1** | **.1** | **.7** | **(s)** | **.3** | **.1** | **1.3** | **(s)** | **4.5** |
| **2019 Year** | **.1** | **.9** | **2.2** | **3.2** | **–** | **–** | **.1** | **.1** | **.7** | **(s)** | **.4** | **.1** | **1.3** | **(s)** | **4.6** |
| **2020 Year** | **.1** | **.9** | **2.3** | **3.3** | **–** | **–** | **.1** | **.1** | **.7** | **(s)** | **.4** | **.1** | **1.3** | **(s)** | **4.6** |
| **2021** January | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | (s) | .4 | .1 | 1.4 | (s) | 4.7 |
| February | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | (s) | .4 | .1 | 1.4 | (s) | 4.7 |
| March | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | (s) | .4 | .1 | 1.4 | (s) | 4.7 |
| April | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.7 |
| May | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.7 |
| June | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.7 |
| July | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.7 |
| August | .1 | .9 | 2.2 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.7 |
| September | .1 | .9 | 2.3 | 3.2 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.8 |
| October | .1 | .9 | 2.3 | 3.3 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.8 |
| November | .1 | .9 | 2.3 | 3.3 | – | – | .1 | .1 | .7 | .1 | .4 | .1 | 1.5 | (s) | 4.8 |
| **December** | **.1** | **.9** | **2.3** | **3.3** | **–** | **–** | **.1** | **.1** | **.7** | **.1** | **.4** | **.1** | **1.5** | **(s)** | **4.8** |
| **2022** January | (s) | 1.0 | 2.3 | 3.3 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| February | (s) | 1.0 | 2.3 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| March | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| April | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| May | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| June | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| July | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| August | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| September | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| October | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| November | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.4 |
| **December** | **(s)** | **1.0** | **2.4** | **3.4** | **–** | **–** | **.1** | **.1** | **1.3** | **–** | **.4** | **.1** | **2.0** | **(s)** | **5.4** |
| **2023** January | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| February | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| March | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| April | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| May | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| June | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| July | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| August | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| September | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .4 | .1 | 2.0 | (s) | 5.5 |
| October | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .5 | .1 | 2.1 | (s) | 5.5 |
| November | (s) | 1.0 | 2.4 | 3.4 | – | – | .1 | .1 | 1.3 | – | .5 | .1 | 2.1 | (s) | 5.6 |

[a] Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

[b] Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, waste oil, and, beginning in 2011, propane.

[c] Natural gas, plus a small amount of supplemental gaseous fuels.

[d] Includes other gases (blast furnace gas, other manufactured and waste gases derived from fossil fuels, and, through 2010, propane gas), which are not separately shown.

[e] Wood and wood-derived fuels.

[f] Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

[g] Electric net summer capacity from solar thermal and photovoltaic (PV) energy at utility-scale facilities. Does not include small-scale solar photovoltaic capacity.

[h] Includes chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, flywheels, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels), which are not separately shown.

– =No data reported. (s)=Less than 0.05 million kilowatts.

Notes: • Data are at end of period. • For plants that use multiple sources of energy, capacity is assigned to the energy source reported as the predominant one. • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • See "Net summer capacity" in Glossary. • See Note 2, "Classification of Power Plants Into Energy-Use Sectors,"at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#electricity (Excel and CSV files) for all available annual data beginning in 1989 and monthly data beginning in 2008.

Sources: • **1989–1997:** U.S. Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • **1998–2000:** EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • **2001–2007:** EIA, Form EIA-860, "Annual Electric Generator Report." • **2008 forward:** EIA, Form EIA-860, "Annual Electric Generator Report," and Form EIA-860M, "Monthly Update to the Annual Electric Generator Report."