

**6.2.1 2010 Existing Capacity, by Energy Source (GW)**

| <u>Plant Fuel Type</u>         | <u>Number of<br/>Generators</u> | <u>Generator Nameplate<br/>Capacity</u> | <u>Net Summer<br/>Capacity</u> | <u>Net Winter<br/>Capacity</u> |
|--------------------------------|---------------------------------|---|--------------------------------|--------------------------------|
| Coal                           | 1,396                           | 342.3                                   | 316.8                          | 319.2                          |
| Petroleum                      | 3,779                           | 62.5                                    | 55.6                           | 59.6                           |
| Natural Gas                    | 5,529                           | 467.2                                   | 407.0                          | 438.7                          |
| Other Gases                    | 106                             | 3.1                                     | 2.7                            | 2.7                            |
| Nuclear                        | 104                             | 106.7                                   | 101.2                          | 103.0                          |
| Hydroelectric Conventional     | 4,020                           | 78.2                                    | 78.8                           | 78.5                           |
| Wind                           | 689                             | 39.5                                    | 39.1                           | 39.2                           |
| Solar Thermal and Photovoltaic | 180                             | 0.9                                     | 0.9                            | 0.8                            |
| Wood and Wood Derived Fuels    | 346                             | 7.9                                     | 7.0                            | 7.1                            |
| Geothermal                     | 225                             | 3.5                                     | 2.4                            | 2.6                            |
| Other Biomass                  | 1,574                           | 5.0                                     | 4.4                            | 4.4                            |
| Pumped Storage                 | 151                             | 20.5                                    | 22.2                           | 22.1                           |
| <u>Other</u>                   | <u>51</u>                       | <u>1.0</u>                              | <u>0.9</u>                     | <u>0.9</u>                     |
| <b>Total</b>                   | <b>18,150</b>                   | <b>1,138.6</b>                          | <b>1,039.1</b>                 | <b>1,078.7</b>                 |

Source(s): EIA, Electric Power Annual 2010, Feb. 2012, Table 1.2.