

Table 5.4 Natural Gas-Fired Electric Power Plants in Utah

data through 2017, last updated 9/13/2018

| Operator                      | Utility type             | County    | Plant name         | Type                              | Unit      | Nameplate capacity | Summer capacity      | Winter capacity            | Initial date of operation / retirement date |
|-------------------------------|--------------------------|-----------|--------------------|-----------------------------------|-----------|--------------------|----------------------|----------------------------|---|
|                               |                          |           |                    |                                   |           | Megawatts          | Megawatts            | Megawatts                  |   |
| <b>Active utility plants:</b> |                          |           |                    |                                   |           |                    |                      |                            |   |
| Bountiful City                | Municipal                | Davis     | Bountiful City     | Combustion turbine                | 1A        | 5.2                | 4.2                  | 5.1                        | Jul-2001                                    |
|                               |                          |           |                    | Combustion turbine                | 2A        | 12.6               | 11.5                 | 13.5                       | Jun-2012                                    |
|                               |                          |           |                    | Combustion turbine                | 3A        | 12.6               | 11.5                 | 13.5                       | Jun-2012                                    |
| Utah Associated Mun. Sys.     | Power Investor owned IPP | Utah      | Nebo Power Station | Combined cycle combustion turbine | GT1       | 65.0               | 65.0                 | 65.0                       | Jun-2004                                    |
|                               |                          |           |                    | Combined cycle steam part         | ST1       | 75.0               | 65.0                 | 75.0                       | Jun-2004                                    |
| Heber Light & Power Co.       | Municipal                | Wasatch   | Heber City         | Internal combustion engine        | 1         | 1.4                | 1.4                  | 1.4                        | Mar-2004                                    |
|                               |                          |           |                    | Internal combustion engine        | 2         | 1.4                | 1.4                  | 1.4                        | Mar-2004                                    |
|                               |                          |           |                    | Internal combustion engine        | 4         | 1.9                | 1.9                  | 1.9                        | Jul-2003                                    |
|                               |                          |           |                    | Internal combustion engine        | 11        | 1.9                | 1.9                  | 1.9                        | Mar-2015                                    |
|                               |                          |           |                    | Internal combustion engine        | 12        | 2.3                | 2.3                  | 2.3                        | Mar-2015                                    |
|                               |                          |           |                    | Internal combustion engine        | NA5       | 0.7                | 0.7                  | 0.7                        | Dec-1990                                    |
|                               |                          |           |                    | Internal combustion engine        | NA6       | 0.7                | 0.7                  | 0.7                        | Jul-2001                                    |
|                               |                          |           |                    | Internal combustion engine        | NA9       | 1.9                | 1.9                  | 1.9                        | May-2003                                    |
|                               |                          |           |                    | Internal combustion engine        | NA10      | 1.9                | 1.9                  | 1.9                        | Jul-2002                                    |
|                               |                          |           |                    | Hurricane Power                   | Municipal | Washington         | Hurricane City Power | Internal combustion engine | 4   |
| Internal combustion engine    | 5                        | 2.0       | 1.9                |                                   |           |                    |                      | 1.9                        | Jul-2004                                    |
| Internal combustion engine    | 6                        | 2.0       | 1.9                |                                   |           |                    |                      | 1.9                        | Jun-2006                                    |
| Internal combustion engine    | 7                        | 2.0       | 1.9                |                                   |           |                    |                      | 1.9                        | May-2007                                    |
| Internal combustion engine    | 8                        | 2.0       | 1.9                |                                   |           |                    |                      | 1.9                        | May-2007                                    |
| Logan, City of                | Municipal                | Cache     | Logan City         | Combustion turbine                | 1         | 5.3                | 4.5                  | 5.2                        | Jul-2002                                    |
|                               |                          |           |                    | Combustion turbine                | 2         | 5.3                | 4.5                  | 5.2                        | Jul-2002                                    |
|                               |                          |           |                    | Combustion turbine                | 3         | 5.3                | 4.5                  | 5.2                        | Jul-2002                                    |
| Murray, City of               | Municipal                | Salt Lake | Murray Turbine     | Combustion turbine                | 1         | 14.0               | 12.0                 | 13.0                       | Jun-2001                                    |
|                               |                          |           |                    | Combustion turbine                | 2         | 14.0               | 12.0                 | 13.0                       | Oct-2001                                    |
|                               |                          |           |                    | Combustion turbine                | 3         | 14.0               | 12.0                 | 13.0                       | Jan-2002                                    |
| PacifiCorp                    | Investor owned           | Juab      | Current Creek      | Combined cycle combustion turbine | CT1A      | 172.0              | 135.0                | 143.0                      | Jun-2005                                    |
|                               |                          |           |                    | Combined cycle combustion turbine | CT1B      | 172.0              | 135.0                | 143.0                      | Jun-2005                                    |
|                               |                          |           |                    | Combined cycle steam part         | ST1       | 305.0              | 254.0                | 269.0                      | Apr-2006                                    |
| PacifiCorp                    | Investor owned           | Salt Lake | Gadsby             | Steam turbine                     | 1         | 70.5               | 64.0                 | 64.0                       | Sep-1951                                    |
|                               |                          |           |                    | Steam turbine                     | 2         | 75.0               | 69.0                 | 69.0                       | Dec-1952                                    |
|                               |                          |           |                    | Steam turbine                     | 3         | 133.6              | 104.5                | 104.5                      | Jun-1955                                    |
|                               |                          |           |                    | Combustion turbine                | 4         | 71.0               | 39.0                 | 40.0                       | Jul-2002                                    |
|                               |                          |           |                    | Combustion turbine                | 5         | 71.0               | 39.0                 | 40.0                       | Jul-2002                                    |
|                               |                          |           |                    | Combustion turbine                | 6         | 71.0               | 39.0                 | 40.0                       | Aug-2002                                    |
| PacifiCorp                    | Investor owned           | Utah      | Lakeside           | Combined cycle combustion turbine | CT01      | 203.0              | 169.0                | 174.0                      | Sep-2007                                    |
|                               |                          |           |                    | Combined cycle combustion turbine | CT02      | 203.0              | 169.0                | 174.0                      | Sep-2007                                    |
|                               |                          |           |                    | Combined cycle combustion turbine | CT21      | 206.0              | 178.0                | 183.2                      | Jun-2014                                    |
|                               |                          |           |                    | Combined cycle combustion turbine | CT22      | 206.0              | 178.0                | 183.2                      | Jun-2014                                    |
|                               |                          |           |                    | Combined cycle steam part         | ST2       | 316.0              | 273.0                | 281.0                      | Jun-2014                                    |
|                               |                          |           |                    | Combined cycle steam part         | ST01      | 251.0              | 209.0                | 215.0                      | Sep-2007                                    |

|                      |                       |            |                            |                            |       |      |      |      |          |
|----------------------|-----------------------|------------|----------------------------|----------------------------|-------|------|------|------|----------|
| CER Generation LLC   | Investor owned<br>IPP | Salt Lake  | West Valley Gen. Project   | Combustion turbine         | U1    | 43.4 | 37.0 | 41.0 | Jun-2002 |
|                      |                       |            |                            | Combustion turbine         | U2    | 43.4 | 37.0 | 41.0 | Jun-2002 |
|                      |                       |            |                            | Combustion turbine         | U3    | 43.4 | 37.0 | 41.0 | Jun-2002 |
|                      |                       |            |                            | Combustion turbine         | U4    | 43.4 | 37.0 | 41.0 | Jun-2002 |
|                      |                       |            |                            | Combustion turbine         | U5    | 43.4 | 37.0 | 41.0 | Jul-2002 |
| Payson City Corp.    | Municipal             | Utah       | Payson                     | Internal combustion engine | 86-1  | 2.6  | 2.6  | 2.6  | Jun-1988 |
|                      |                       |            |                            | Internal combustion engine | 86-2  | 2.6  | 2.6  | 2.6  | Jun-1988 |
|                      |                       |            |                            | Internal combustion engine | 86-3  | 2.5  | 2.0  | 2.0  | Aug-1995 |
|                      |                       |            |                            | Internal combustion engine | 86-4  | 2.0  | 2.0  | 2.0  | Apr-1995 |
| Provo City Corp.     | Municipal             | Utah       | Provo                      | Steam turbine              | 4     | 7.5  | 9.2  | 9.2  | Jan-1949 |
|                      |                       |            |                            | Internal combustion engine | 5     | 2.5  | 2.5  | 2.5  | May-1980 |
|                      |                       |            |                            | Internal combustion engine | 6     | 2.5  | 2.5  | 2.5  | May-1980 |
|                      |                       |            |                            | Internal combustion engine | 7     | 2.5  | 2.5  | 2.5  | May-1980 |
|                      |                       |            |                            | Internal combustion engine | 8     | 2.5  | 2.5  | 2.5  | May-1980 |
| Springville, City of | Municipal             | Utah       | Whitehead                  | Internal combustion engine | K1    | 7.0  | 5.9  | 6.3  | Oct-1986 |
|                      |                       |            |                            | Internal combustion engine | K2    | 7.0  | 6.0  | 6.2  | Aug-1986 |
|                      |                       |            |                            | Internal combustion engine | K3    | 7.0  | 5.9  | 6.0  | Feb-2000 |
|                      |                       |            |                            | Internal combustion engine | K4    | 5.0  | 4.0  | 4.3  | Dec-2002 |
|                      |                       |            |                            | Internal combustion engine | K6CAT | 2.5  | 2.5  | 2.5  | Dec-2016 |
|                      |                       |            |                            | Internal combustion engine | K7CAT | 2.5  | 2.5  | 2.5  | Dec-2016 |
| St. George, City of  | Municipal             | Washington | Millcreek Power Generation | Combustion turbine         | MC1   | 40.0 | 36.8 | 39.0 | Apr-2006 |
|                      |                       |            |                            | Combustion turbine         | MC2   | 40.0 | 36.8 | 39.0 | Jun-2010 |
| Washington, City of  | Municipal             | Washington | Washington City Electric   | Internal combustion engine | 3     | 2.0  | 2.0  | 2.0  | Jun-2008 |
|                      |                       |            |                            | Internal combustion engine | 4     | 2.0  | 2.0  | 2.0  | Jun-2008 |
|                      |                       |            |                            | Internal combustion engine | 9     | 2.0  | 2.0  | 2.0  | May-2007 |

### Active non-utility plants:

|                        |    |           |                         |                            |       |      |      |      |          |
|------------------------|----|-----------|-------------------------|----------------------------|-------|------|------|------|----------|
| Lagoon Cogen. Facility | -- | Davis     | Lagoon Cogen. Facility  | Internal combustion engine | 1     | 1.0  | 0.5  | 0.1  | May-1996 |
|                        |    |           |                         | Internal combustion engine | 2     | 1.0  | 0.5  | 0.1  | Jul-1989 |
|                        |    |           |                         | Internal combustion engine | 3     | 1.0  | 0.5  | 0.1  | Jul-1989 |
| Snowbird Corporation   | -- | Salt Lake | Snowbird Power Plant    | Internal combustion engine | 1367  | 0.6  | 0.6  | 0.6  | Dec-1986 |
|                        |    |           |                         | Internal combustion engine | 1391  | 0.6  | 0.6  | 0.6  | Dec-1986 |
|                        |    |           |                         | Internal combustion engine | 1392  | 0.6  | 0.6  | 0.6  | Dec-1986 |
| Tesoro Refinery        | -- | Salt Lake | Tesoro SLC Cogen. Plant | Combustion turbine         | 1     | 12.5 | 11.0 | 12.5 | Jul-2004 |
|                        |    |           |                         | Combustion turbine         | 2     | 12.5 | 11.0 | 12.5 | Jul-2004 |
| Kennecott Utah Copper  | -- | Salt Lake | KUCC                    | Combustion turbine         | RCHP  | 6.4  | 5.9  | 6.4  | Dec-2010 |
| Utah State University  | -- | Cache     | Central Energy Plant    | Combustion turbine         | TURBI | 5.0  | 4.4  | 4.6  | Aug-2004 |
| Bloom Energy           | -- | Salt Lake | eBay                    | Fuel cell                  | EBY00 | 6.0  | 6.0  | 6.0  | Sep-2013 |
|                        |    |           |                         | Fuel cell                  | EBY03 | 3.8  | 3.8  | 3.8  | Mar-2015 |
| University of Utah     | -- | Salt Lake | HTW Plant 303 Cogen     | Combustion turbine         | CGN1  | 7.4  | 5.6  | 6.6  | Aug-2008 |
| US Magnesium           | -- | Tooele    | US Magnesium            | Combustion turbine         | GT1   | 16.0 | 10.0 | 13.0 | Jan-1972 |
|                        |    |           |                         | Combustion turbine         | GT2   | 16.0 | 10.0 | 13.0 | Jan-1972 |
|                        |    |           |                         | Combustion turbine         | GT3   | 16.0 | 10.0 | 13.0 | Jan-1972 |

**Retired utility plants:**

|  |                |           |                 |      |                |                |                |                     |
|--|----------------|-----------|-----------------|------|----------------|----------------|----------------|---------------------|
| Bountiful City                           | Municipal      | Davis     | Bountiful City  | 1    | 0.4            | 0.4            | 0.4            | Aug-1939 / Jun-1990 |
|  |                |           |                 | 2    | 1.2            | 1.2            | 1.2            | Sep-1959 / 2011     |
|  |                |           |                 | 3    | 1.2            | 1.2            | 1.2            | Sep-1959 / 2011     |
|  |                |           |                 | 4    | 1.0            | 1.0            | 1.0            | Aug-1955 / 2011     |
|  |                |           |                 | 5    | 1.0            | 1.0            | 1.0            | Jan-1957 / 2011     |
|  |                |           |                 | 6    | 2.5            | 2.5            | 2.5            | Jan-1962 / 2011     |
|  |                |           |                 | 8    | 0.6            | 0.6            | 0.6            | 1945 / Dec-1985     |
|  |                |           |                 | IC8  | 7.0            | 7.0            | 7.0            | Oct-1986 / 2014     |
| Desert Power LP                          | Investor owned | Tooele    | Desert Power LP | UNT1 | 46.2           | 34.0           | 40.0           | May-2002 / 2008     |
|  |                |           |                 | UNT2 | 46.2           | 34.0           | 40.0           | May-2002 / 2008     |
| Heber Light & Power Co.                  | Municipal      | Wasatch   | Heber City      | NA1  | 0.6            | 0.6            | 0.6            | Dec-1987 / Jul-2003 |
|  |                |           |                 | NA2  | 0.6            | 0.6            | 0.6            | Dec-1987 / Jun-2003 |
|  |                |           |                 | NA3  | 0.6            | 0.6            | 0.6            | Dec-1987 / Jul-2012 |
|  |                |           |                 | NA4  | 0.6            | 0.6            | 0.6            | Dec-1987 / Jun-2003 |
| Murray, City of                          | Municipal      | Salt Lake | Murray City     | 3    | 2.2            | 2.0            | 2.0            | 1952 / Jan-2002     |
|  |                |           |                 | 4    | 1.0            | 0.9            | 1.0            | 1948 / Jan-2002     |
|  |                |           |                 | 5    | 1.0            | 0.9            | 1.0            | 1948 / Jan-2002     |
|  |                |           |                 | 6    | 3.0            | 2.3            | 2.5            | 1958 / Jan-2002     |
| PacifiCorp                               | Investor owned | Weber     | Little Mountain | 1    | 16.0           | 14.0           | 14.0           | Mar-1971 / Dec-2011 |
| <b>Total active utility capacity</b>     |                |           |                 |      | <b>3,139.7</b> | <b>2,604.6</b> | <b>2,718.4</b> |                     |
| <b>Total active non-utility capacity</b> |                |           |                 |      | <b>106.4</b>   | <b>81.0</b>    | <b>93.5</b>    |                     |
| <b>Overall total</b>                     |                |           |                 |      | <b>3,246.1</b> | <b>2,685.6</b> | <b>2,811.9</b> |                     |

Source: [EIA, Electric Generating Capacity, 2017 - Form EIA-860](#)

Note: IPP = Independent Power Producer