

**Table ET7. Electric Power Sector Price and Expenditure Estimates, Selected Years, 1970-2019, Hawaii**

| Year                              | Coal | Natural Gas <sup>a</sup> | Petroleum           |                |                   |         | Nuclear Fuel | Biomass                     | Electricity Imports <sup>c</sup> | Total Energy <sup>d</sup> |
|-----------------------------------|------|--------------------------|---------------------|----------------|-------------------|---------|--------------|-----------------------------|----------------------------------|---------------------------|
|                                   |      |                          | Distillate Fuel Oil | Petroleum Coke | Residual Fuel Oil | Total   |              | Wood and Waste <sup>b</sup> |                                  |                           |
| Prices in Dollars per Million Btu |      |                          |                     |                |                   |         |              |                             |                                  |                           |
| 1970                              | —    | —                        | 0.43                | —              | 0.40              | 0.40    | —            | 0.65                        | —                                | 0.41                      |
| 1975                              | —    | —                        | 1.71                | —              | 1.57              | 1.58    | —            | 0.92                        | —                                | 1.58                      |
| 1980                              | —    | —                        | 5.19                | —              | 3.87              | 3.97    | —            | —                           | —                                | 3.97                      |
| 1985                              | —    | —                        | 6.40                | —              | 4.86              | 4.95    | —            | 0.79                        | —                                | 4.94                      |
| 1990                              | 1.49 | —                        | 5.79                | —              | 4.15              | 4.33    | —            | —                           | —                                | 4.01                      |
| 1995                              | 1.36 | —                        | 4.55                | —              | 2.98              | 3.23    | —            | 0.70                        | —                                | 2.78                      |
| 2000                              | 1.36 | —                        | 8.11                | —              | 5.04              | 5.62    | —            | 0.67                        | —                                | 4.74                      |
| 2001                              | 1.11 | —                        | 6.77                | —              | 4.90              | 5.28    | —            | 1.36                        | —                                | 4.53                      |
| 2002                              | 1.60 | —                        | 5.72                | —              | 4.87              | 5.09    | —            | 1.64                        | —                                | 4.50                      |
| 2003                              | 2.96 | —                        | 7.49                | —              | 4.87              | 5.30    | —            | 1.58                        | —                                | 4.82                      |
| 2004                              | 1.88 | —                        | 8.97                | —              | 5.04              | 5.71    | —            | 1.46                        | —                                | 5.08                      |
| 2005                              | 1.43 | —                        | 10.26               | —              | 8.69              | 8.96    | —            | —                           | —                                | 7.84                      |
| 2006                              | 1.68 | —                        | 15.42               | —              | 9.89              | 10.80   | —            | 2.32                        | —                                | 9.50                      |
| 2007                              | 1.85 | —                        | 16.19               | —              | 10.94             | 11.77   | —            | —                           | —                                | 10.26                     |
| 2008                              | 2.19 | —                        | 22.86               | —              | 16.21             | 17.24   | —            | —                           | —                                | 14.81                     |
| 2009                              | 2.24 | —                        | 13.73               | —              | 9.43              | 10.13   | —            | 2.20                        | —                                | 8.88                      |
| 2010                              | 2.22 | —                        | 17.45               | —              | 13.49             | 14.15   | —            | 2.40                        | —                                | 12.15                     |
| 2011                              | 1.66 | —                        | 23.57               | —              | 19.52             | 20.20   | —            | 2.44                        | —                                | 17.14                     |
| 2012                              | 1.89 | —                        | 24.87               | —              | 21.39             | 21.99   | —            | 2.21                        | —                                | 18.38                     |
| 2013                              | 1.96 | —                        | 23.77               | —              | 20.18             | 20.79   | —            | 2.26                        | —                                | 17.57                     |
| 2014                              | 2.49 | —                        | 22.98               | —              | 19.23             | 19.89   | —            | 2.73                        | —                                | 16.46                     |
| 2015                              | 3.27 | —                        | 14.21               | —              | 10.04             | 10.80   | —            | 2.62                        | —                                | 9.39                      |
| 2016                              | 3.08 | —                        | 11.43               | —              | 7.92              | 8.55    | —            | 2.54                        | —                                | 7.40                      |
| 2017                              | 3.08 | —                        | 13.71               | —              | 10.46             | 11.06   | —            | 2.40                        | —                                | 9.41                      |
| 2018                              | 3.28 | —                        | 16.98               | —              | 13.27             | 13.98   | —            | 2.22                        | —                                | 11.87                     |
| 2019                              | 3.51 | —                        | 15.83               | —              | 12.29             | 13.01   | —            | 2.33                        | —                                | 11.19                     |
| Expenditures in Million Dollars   |      |                          |                     |                |                   |         |              |                             |                                  |                           |
| 1970                              | —    | —                        | 0.2                 | —              | 17.0              | 17.2    | —            | 0.2                         | —                                | 17.4                      |
| 1975                              | —    | —                        | 4.3                 | —              | 87.9              | 92.2    | —            | 0.2                         | —                                | 92.4                      |
| 1980                              | —    | —                        | 26.8                | —              | 248.9             | 275.8   | —            | —                           | —                                | 275.8                     |
| 1985                              | —    | —                        | 28.0                | —              | 314.2             | 342.3   | —            | 0.2                         | —                                | 342.5                     |
| 1990                              | (s)  | —                        | 61.1                | —              | 361.4             | 422.5   | —            | —                           | —                                | 422.5                     |
| 1995                              | 21.5 | —                        | 58.5                | —              | 200.6             | 259.2   | —            | 4.6                         | —                                | 285.3                     |
| 2000                              | 21.1 | —                        | 130.9               | —              | 343.5             | 474.4   | —            | 3.6                         | —                                | 499.0                     |
| 2001                              | 17.5 | —                        | 117.1               | —              | 326.8             | 443.9   | —            | 3.9                         | —                                | 465.2                     |
| 2002                              | 25.6 | —                        | 132.8               | —              | 332.4             | 465.2   | —            | 3.9                         | —                                | 494.7                     |
| 2003                              | 49.3 | —                        | 100.1               | —              | 330.9             | 431.1   | —            | 4.0                         | —                                | 484.4                     |
| 2004                              | 31.2 | —                        | 129.7               | —              | 355.6             | 485.4   | —            | (s)                         | —                                | 516.6                     |
| 2005                              | 21.6 | —                        | 154.3               | —              | 617.3             | 771.6   | —            | —                           | —                                | 793.2                     |
| 2006                              | 24.3 | —                        | 219.5               | —              | 715.2             | 934.7   | —            | (s)                         | —                                | 959.0                     |
| 2007                              | 28.3 | —                        | 216.6               | —              | 786.1             | 1,002.7 | —            | —                           | —                                | 1,031.0                   |
| 2008                              | 34.6 | —                        | 290.6               | —              | 1,122.0           | 1,412.6 | —            | —                           | —                                | 1,447.2                   |
| 2009                              | 33.7 | —                        | 178.5               | —              | 634.6             | 813.1   | —            | 0.1                         | —                                | 846.9                     |
| 2010                              | 34.9 | —                        | 226.3               | —              | 879.0             | 1,105.3 | —            | 0.1                         | —                                | 1,140.3                   |
| 2011                              | 24.5 | —                        | 307.9               | —              | 1,258.3           | 1,566.2 | —            | 1.4                         | —                                | 1,592.1                   |
| 2012                              | 29.2 | —                        | 313.2               | —              | 1,276.5           | 1,589.7 | —            | 0.9                         | —                                | 1,619.8                   |
| 2013                              | 27.3 | —                        | 284.8               | —              | 1,169.1           | 1,453.9 | —            | 1.2                         | —                                | 1,482.4                   |
| 2014                              | 39.5 | —                        | 272.2               | —              | 1,059.7           | 1,331.9 | —            | 1.7                         | —                                | 1,373.1                   |
| 2015                              | 47.4 | —                        | 174.7               | —              | 551.8             | 726.6   | —            | 2.2                         | —                                | 776.2                     |
| 2016                              | 49.8 | —                        | 134.1               | —              | 421.2             | 555.3   | —            | 2.7                         | —                                | 607.8                     |
| 2017                              | 46.0 | —                        | 165.3               | —              | 551.9             | 717.2   | —            | 4.2                         | —                                | 767.4                     |
| 2018                              | 47.1 | —                        | 210.6               | —              | 700.5             | 911.2   | —            | 3.2                         | —                                | 961.5                     |
| 2019                              | 49.8 | —                        | 211.3               | —              | 647.5             | 858.8   | —            | 3.0                         | —                                | 911.6                     |

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>c</sup> Electricity imported from Canada and Mexico.

<sup>d</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.

Notes: Expenditure totals may not equal sum of components due to independent rounding. The electric power

sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.