

**Table ET3. Residential Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2021, District of Columbia**

| Year                              | Primary Energy    |                          |                     |                  |          |       |                   |                    | Electricity <sup>f</sup> | Total Energy <sup>e</sup> |
|-----------------------------------|-------------------|--------------------------|---------------------|------------------|----------|-------|-------------------|--------------------|--------------------------|---------------------------|
|                                   | Coal <sup>a</sup> | Natural Gas <sup>b</sup> | Petroleum           |                  |          |       | Biomass           | Total <sup>e</sup> |                          |                           |
|                                   |                   |                          | Distillate Fuel Oil | HGL <sup>c</sup> | Kerosene | Total | Wood <sup>d</sup> |                    |                          |                           |
| Prices in Dollars per Million Btu |                   |                          |                     |                  |          |       |                   |                    |                          |                           |
| 1970                              | 1.05              | 1.43                     | 1.42                | 2.53             | 1.50     | 1.42  | 0.73              | 1.42               | 7.02                     | 2.00                      |
| 1975                              | 1.75              | 2.30                     | 2.71                | 4.61             | 3.37     | 2.71  | 1.45              | 2.44               | 12.65                    | 3.79                      |
| 1980                              | 3.18              | 4.56                     | 7.40                | 9.81             | 8.55     | 7.41  | 3.70              | 5.12               | 17.32                    | 7.07                      |
| 1985                              | 3.28              | 7.80                     | 8.74                | 13.53            | 8.50     | 8.74  | 4.19              | 7.62               | 20.31                    | 9.67                      |
| 1990                              | 3.36              | 7.12                     | 8.24                | 12.58            | 6.49     | 8.22  | 3.53              | 7.02               | 17.88                    | 9.49                      |
| 1995                              | 3.11              | 7.98                     | 7.71                | 13.38            | 4.97     | 7.67  | 2.87              | 7.77               | 22.35                    | 11.15                     |
| 2000                              | 2.94              | 10.53                    | 10.40               | 16.95            | 8.68     | 10.39 | 4.37              | 10.35              | 23.53                    | 13.50                     |
| 2005                              | 4.99              | 16.04                    | 15.86               | 22.70            | 15.08    | 15.88 | 6.83              | 15.96              | 26.68                    | 19.00                     |
| 2006                              | —                 | 16.55                    | 18.41               | 25.79            | —        | 18.44 | 7.87              | 16.70              | 28.95                    | 20.71                     |
| 2007                              | 4.60              | 15.26                    | 20.14               | 27.76            | —        | 20.18 | 8.70              | 15.61              | 32.77                    | 20.92                     |
| 2008                              | —                 | 16.04                    | 24.92               | 32.25            | —        | 24.98 | 10.72             | 16.56              | 37.46                    | 23.07                     |
| 2009                              | —                 | 13.45                    | 18.69               | 27.85            | —        | 18.76 | 8.05              | 13.81              | 40.23                    | 21.79                     |
| 2010                              | —                 | 13.34                    | 22.19               | 31.58            | —        | 22.25 | 9.50              | 14.07              | 41.06                    | 22.84                     |
| 2011                              | —                 | 12.86                    | 26.17               | 34.59            | —        | 26.17 | 11.42             | 13.07              | 39.26                    | 22.36                     |
| 2012                              | —                 | 11.76                    | 29.76               | 33.70            | —        | 29.76 | 12.71             | 13.27              | 35.99                    | 21.24                     |
| 2013                              | —                 | 12.09                    | 28.81               | 33.09            | —        | 28.83 | 12.45             | 13.05              | 36.83                    | 20.76                     |
| 2014                              | —                 | 12.51                    | 28.06               | 35.38            | —        | 28.15 | 12.14             | 13.32              | 37.34                    | 20.79                     |
| 2015                              | —                 | 11.48                    | 19.60               | 29.51            | —        | 19.65 | —                 | 12.06              | 38.06                    | 21.41                     |
| 2016                              | —                 | 10.44                    | 16.85               | 28.86            | 13.50    | 17.38 | 7.15              | 10.51              | 36.02                    | 21.11                     |
| 2017                              | —                 | 12.06                    | 18.74               | 31.85            | —        | 19.40 | 8.00              | 12.12              | 37.91                    | 22.33                     |
| 2018                              | —                 | 11.37                    | 20.65               | 33.80            | —        | 20.74 | —                 | 11.82              | 37.63                    | 21.70                     |
| 2019                              | —                 | 12.38                    | 21.15               | 30.32            | 22.82    | 22.51 | —                 | 12.43              | 38.05                    | 22.91                     |
| 2020                              | —                 | 11.54                    | 17.60               | 28.10            | —        | 19.56 | 7.04              | 11.57              | 37.03                    | 22.21                     |
| 2021                              | —                 | 13.85                    | 20.73               | 33.78            | —        | 21.58 | —                 | 14.23              | 38.36                    | 24.08                     |
| Expenditures in Million Dollars   |                   |                          |                     |                  |          |       |                   |                    |                          |                           |
| 1970                              | 0.6               | 20.2                     | 13.4                | (s)              | 0.2      | 13.6  | (s)               | 34.4               | 19.9                     | 54.2                      |
| 1975                              | 0.2               | 30.7                     | 18.3                | (s)              | 0.1      | 18.5  | 0.1               | 49.4               | 39.2                     | 88.7                      |
| 1980                              | 1.8               | 62.8                     | 32.3                | (s)              | 0.2      | 32.6  | 3.0               | 100.2              | 64.1                     | 164.3                     |
| 1985                              | 2.5               | 131.4                    | 28.2                | (s)              | 0.5      | 28.7  | 4.0               | 166.6              | 85.4                     | 252.0                     |
| 1990                              | 1.2               | 108.7                    | 8.5                 | (s)              | 0.1      | 8.7   | 1.6               | 120.1              | 90.3                     | 210.4                     |
| 1995                              | 0.1               | 126.0                    | 12.8                | 0.1              | 0.2      | 13.0  | 1.8               | 140.9              | 122.6                    | 263.5                     |
| 2000                              | 0.1               | 166.9                    | 13.2                | 0.1              | 0.1      | 13.4  | 2.0               | 182.3              | 130.4                    | 312.7                     |
| 2005                              | 0.4               | 233.7                    | 32.4                | 0.1              | (s)      | 32.5  | 0.1               | 266.7              | 176.4                    | 443.1                     |
| 2006                              | —                 | 193.6                    | 19.5                | 0.1              | —        | 19.7  | 0.1               | 213.3              | 180.0                    | 393.3                     |
| 2007                              | 0.2               | 209.5                    | 23.9                | 0.2              | —        | 24.0  | 0.1               | 233.9              | 220.2                    | 454.2                     |
| 2008                              | —                 | 218.0                    | 20.8                | 0.2              | —        | 21.0  | 0.2               | 239.2              | 244.9                    | 484.0                     |
| 2009                              | —                 | 187.4                    | 19.0                | 0.2              | —        | 19.2  | 0.1               | 206.7              | 260.8                    | 467.5                     |
| 2010                              | —                 | 184.1                    | 26.9                | 0.3              | —        | 27.2  | 0.1               | 211.4              | 297.5                    | 508.9                     |
| 2011                              | —                 | 161.8                    | 5.4                 | (s)              | —        | 5.4   | 0.1               | 167.3              | 276.2                    | 443.4                     |
| 2012                              | —                 | 136.2                    | 31.6                | (s)              | —        | 31.6  | 0.1               | 168.0              | 245.9                    | 413.9                     |
| 2013                              | —                 | 164.5                    | 23.7                | 0.2              | —        | 23.8  | 0.1               | 188.5              | 255.6                    | 444.1                     |
| 2014                              | —                 | 185.9                    | 22.6                | 0.4              | —        | 22.9  | 0.1               | 208.9              | 264.0                    | 472.9                     |
| 2015                              | —                 | 161.7                    | 21.1                | 0.2              | —        | 21.2  | —                 | 182.9              | 324.3                    | 507.2                     |
| 2016                              | —                 | 124.0                    | 1.8                 | 0.1              | (s)      | 2.0   | (s)               | 126.0              | 307.5                    | 433.5                     |
| 2017                              | —                 | 149.2                    | 1.7                 | 0.2              | —        | 1.9   | (s)               | 151.0              | 309.8                    | 460.8                     |
| 2018                              | —                 | 154.5                    | 14.1                | 0.2              | —        | 14.2  | —                 | 168.7              | 332.9                    | 501.5                     |
| 2019                              | —                 | 154.6                    | 1.1                 | 0.3              | (s)      | 1.3   | —                 | 155.9              | 330.7                    | 486.6                     |
| 2020                              | —                 | 133.9                    | 0.7                 | 0.3              | —        | 1.0   | (s)               | 134.9              | 309.8                    | 444.7                     |
| 2021                              | —                 | 164.6                    | 12.0                | 1.3              | —        | 13.3  | —                 | 177.9              | 330.9                    | 508.8                     |

<sup>a</sup> Beginning in 2008, consumption data are no longer collected and are assumed to be zero.  
<sup>b</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> Wood and wood-derived fuels.  
<sup>e</sup> There are no direct fuel costs for geothermal or solar energy.  
<sup>f</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy

service providers.  
Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.  
Note: Expenditure totals may not equal sum of components due to independent rounding.  
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes.  
<http://www.eia.gov/state/seds/>