

**Table ET3. Residential Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2019, North Dakota**

| Year                              | Primary Energy    |                          |                     |                  |          |       |         |                    | Electricity Retail Sales | 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 |         |                    |                          |                           |
| Prices in Dollars per Million Btu |                   |                          |                     |                  |          |       |         |                    |                          |                           |
| 1970                              | 1.56              | 0.99                     | 1.28                | 2.03             | 1.65     | 1.61  | 0.61    | 1.37               | 7.80                     | 2.51                      |
| 1975                              | 3.09              | 1.51                     | 2.55                | 3.51             | 2.69     | 3.02  | 1.20    | 2.25               | 9.18                     | 3.94                      |
| 1980                              | 1.96              | 3.66                     | 6.92                | 7.48             | 7.39     | 7.05  | 3.06    | 5.12               | 13.14                    | 7.51                      |
| 1985                              | 1.74              | 5.26                     | 7.48                | 8.46             | 7.85     | 7.57  | 3.46    | 6.00               | 18.02                    | 10.14                     |
| 1990                              | 1.10              | 4.55                     | 6.87                | 7.98             | 8.28     | 7.21  | 3.56    | 5.63               | 18.33                    | 10.09                     |
| 1995                              | 1.12              | 4.44                     | 6.13                | 6.52             | 4.97     | 6.29  | 2.90    | 5.04               | 18.25                    | 9.94                      |
| 2000                              | 1.17              | 6.15                     | 9.03                | 10.18            | 9.18     | 9.80  | 4.41    | 7.74               | 18.86                    | 11.59                     |
| 2001                              | 1.35              | 7.46                     | 8.81                | 10.78            | 9.19     | 10.24 | 4.22    | 8.67               | 18.97                    | 12.29                     |
| 2002                              | 0.33              | 5.12                     | 7.87                | 8.88             | 8.44     | 8.61  | 3.82    | 6.53               | 18.72                    | 10.99                     |
| 2003                              | 1.23              | 7.19                     | 9.31                | 11.01            | 9.99     | 10.50 | 4.59    | 8.51               | 19.02                    | 12.27                     |
| 2004                              | 1.23              | 8.84                     | 11.04               | 12.30            | 11.10    | 11.88 | 5.21    | 10.03              | 19.91                    | 13.56                     |
| 2005                              | 1.51              | 11.00                    | 15.16               | 14.64            | 15.34    | 14.78 | 6.91    | 12.54              | 20.49                    | 15.55                     |
| 2006                              | 1.73              | 10.34                    | 17.37               | 16.13            | 19.50    | 16.55 | 7.96    | 12.97              | 20.91                    | 16.28                     |
| 2007                              | 1.91              | 8.73                     | 19.47               | 17.88            | 22.12    | 18.41 | 8.79    | 12.55              | 21.41                    | 16.20                     |
| 2008                              | —                 | 9.92                     | 23.84               | 21.61            | 23.25    | 22.45 | 10.83   | 15.66              | 22.03                    | 18.17                     |
| 2009                              | —                 | 8.02                     | 16.11               | 16.57            | 23.47    | 16.48 | 8.13    | 11.34              | 22.22                    | 16.00                     |
| 2010                              | —                 | 7.66                     | 19.46               | 18.69            | 24.94    | 18.86 | 9.60    | 12.07              | 23.82                    | 17.32                     |
| 2011                              | —                 | 7.55                     | 27.10               | 20.36            | 28.22    | 21.38 | 11.54   | 12.92              | 25.16                    | 18.37                     |
| 2012                              | —                 | 6.98                     | 27.01               | 17.55            | 29.60    | 18.84 | 12.85   | 11.35              | 26.55                    | 18.72                     |
| 2013                              | —                 | 6.95                     | 28.02               | 18.36            | 30.25    | 19.78 | 12.58   | 11.36              | 26.72                    | 18.49                     |
| 2014                              | —                 | 8.16                     | 27.08               | 24.06            | 32.56    | 24.44 | 12.27   | 13.86              | 26.81                    | 19.87                     |
| 2015                              | —                 | 7.50                     | 17.73               | 13.42            | 16.81    | 13.94 | 8.45    | 9.75               | 28.20                    | 18.64                     |
| 2016                              | —                 | 6.63                     | 15.35               | 10.91            | 13.40    | 11.48 | 7.22    | 8.33               | 29.78                    | 18.75                     |
| 2017                              | —                 | 7.06                     | 17.48               | 15.17            | 16.76    | 15.47 | 8.08    | 9.85               | 30.16                    | 19.55                     |
| 2018                              | —                 | 6.66                     | 19.06               | 15.75            | 25.82    | 16.10 | 8.94    | 9.88               | 30.04                    | 19.05                     |
| 2019                              | —                 | 6.34                     | 18.35               | 15.29            | 22.61    | 15.57 | 8.60    | 9.88               | 30.19                    | 18.50                     |

  

| Expenditures in Million Dollars |     |       |      |       |     |       |       |       |       |       |
|---------------------------------|-----|-------|------|-------|-----|-------|-------|-------|-------|-------|
| 1970                            | 1.9 | 8.4   | 8.2  | 9.9   | 1.8 | 19.8  | (s)   | 30.1  | 37.2  | 67.4  |
| 1975                            | 1.9 | 15.4  | 11.5 | 15.7  | 0.3 | 27.5  | 0.1   | 44.9  | 59.5  | 104.4 |
| 1980                            | 0.8 | 37.1  | 47.3 | 14.4  | 0.2 | 62.0  | 1.2   | 101.1 | 110.1 | 211.2 |
| 1985                            | 1.0 | 57.9  | 50.6 | 5.4   | 0.6 | 56.6  | 1.8   | 117.3 | 185.1 | 302.4 |
| 1990                            | 0.4 | 43.2  | 39.3 | 19.7  | 0.2 | 59.2  | 1.9   | 104.6 | 184.8 | 289.4 |
| 1995                            | 0.2 | 52.3  | 25.6 | 19.1  | 0.1 | 44.8  | 1.3   | 98.6  | 210.7 | 309.3 |
| 2000                            | 0.2 | 69.8  | 29.6 | 67.5  | 0.1 | 97.3  | 1.6   | 169.0 | 218.2 | 387.2 |
| 2001                            | 0.3 | 81.2  | 25.2 | 81.7  | 0.2 | 107.1 | 1.5   | 190.1 | 225.3 | 415.4 |
| 2002                            | 0.1 | 60.3  | 19.4 | 60.3  | 0.1 | 79.9  | 1.4   | 141.6 | 234.1 | 375.7 |
| 2003                            | 0.4 | 86.1  | 28.0 | 77.0  | 0.2 | 105.2 | 1.7   | 193.4 | 240.6 | 434.0 |
| 2004                            | 0.5 | 100.5 | 37.4 | 85.1  | 0.3 | 122.7 | 2.0   | 225.8 | 248.8 | 474.6 |
| 2005                            | 0.6 | 121.9 | 40.6 | 102.6 | 0.6 | 143.8 | 0.8   | 267.1 | 265.4 | 532.4 |
| 2006                            | 0.3 | 104.2 | 46.5 | 85.9  | 0.3 | 132.8 | 0.8   | 238.0 | 275.0 | 513.0 |
| 2007                            | 0.8 | 97.7  | 52.9 | 96.7  | 0.3 | 149.8 | 1.0   | 249.3 | 297.1 | 546.4 |
| 2008                            | —   | 118.9 | 92.3 | 137.1 | 0.2 | 229.6 | 1.4   | 349.9 | 320.1 | 669.9 |
| 2009                            | —   | 97.4  | 29.7 | 100.7 | 0.4 | 130.8 | 1.2   | 229.5 | 337.3 | 566.8 |
| 2010                            | —   | 85.1  | 28.7 | 108.3 | 0.4 | 137.4 | 1.5   | 224.0 | 357.1 | 581.1 |
| 2011                            | —   | 88.6  | 30.2 | 129.5 | 0.3 | 159.9 | 1.7   | 250.3 | 390.8 | 641.0 |
| 2012                            | —   | 71.3  | 21.8 | 90.0  | 0.1 | 111.9 | 1.6   | 184.8 | 406.3 | 591.1 |
| 2013                            | —   | 89.8  | 27.7 | 105.4 | 0.1 | 133.2 | 2.1   | 225.0 | 459.4 | 684.4 |
| 2014                            | —   | 110.8 | 24.1 | 154.9 | 0.2 | 179.2 | 2.0   | 292.1 | 490.1 | 782.2 |
| 2015                            | —   | 86.0  | 13.2 | 73.3  | 0.1 | 86.5  | 1.4   | 173.9 | 467.9 | 641.8 |
| 2016                            | —   | 72.5  | 11.7 | 56.6  | 0.2 | 68.5  | R 1.5 | 142.5 | 481.7 | 624.2 |
| 2017                            | —   | 84.2  | 13.7 | 78.8  | 0.1 | 92.6  | 1.5   | 178.2 | 498.9 | 677.1 |
| 2018                            | —   | 91.3  | 14.1 | 100.2 | 0.1 | 114.5 | 1.6   | 207.4 | 526.1 | 733.5 |
| 2019                            | —   | 91.9  | 15.0 | 125.6 | 0.2 | 140.8 | 1.6   | 234.2 | 528.0 | 762.2 |

<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.

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>.

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