<table>
<thead>
<tr>
<th>Year</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>1,001</td>
<td>1,014</td>
<td>1,177</td>
<td>985</td>
<td>994</td>
<td>979</td>
<td>1,154</td>
<td>968</td>
<td>999</td>
<td>974</td>
<td>1,137</td>
<td>971</td>
</tr>
<tr>
<td>2019</td>
<td>962</td>
<td>975</td>
<td>1,136</td>
<td>945</td>
<td>955</td>
<td>941</td>
<td>1,115</td>
<td>931</td>
<td>961</td>
<td>936</td>
<td>1,097</td>
<td>932</td>
</tr>
<tr>
<td>2020</td>
<td>1,013</td>
<td>1,025</td>
<td>1,190</td>
<td>994</td>
<td>1,003</td>
<td>992</td>
<td>1,169</td>
<td>980</td>
<td>1,013</td>
<td>988</td>
<td>1,153</td>
<td>984</td>
</tr>
</tbody>
</table>

**Electricity Consumption (billion kilowatt-hours unless noted)**

<table>
<thead>
<tr>
<th>Category</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Sales</td>
<td>92.1</td>
<td>105.9</td>
<td>1079</td>
</tr>
<tr>
<td>Commercial Sector</td>
<td>639</td>
<td>323</td>
<td>434</td>
</tr>
<tr>
<td>Industrial Sector</td>
<td>225</td>
<td>238</td>
<td>256</td>
</tr>
<tr>
<td>Transportation Sector</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Direct Use</td>
<td>35</td>
<td>35</td>
<td>37</td>
</tr>
<tr>
<td>Total Consumption</td>
<td>956</td>
<td>940</td>
<td>1117</td>
</tr>
</tbody>
</table>

**Average residential electricity usage per customer (kWh)**

- 2018: 2,755 kWh
- 2019: 2,447 kWh
- 2020: 2,481 kWh
- 2021: 2,668 kWh
- 2022: 2,288 kWh
- 2023: 3,151 kWh
- 2024: 2,407 kWh
- 2025: 2,706 kWh
- 2026: 2,277 kWh
- 2027: 3,054 kWh
- 2028: 2,392 kWh
- 2029: 10,923 kWh
- 2030: 10,513 kWh
- 2031: 10,429 kWh

**Prices**

- **Power Generation Fuel Costs (dollars per million Btu)**
  - Coal: 2.06
  - Natural Gas: 3.96
  - Residual Fuel Oil: 11.47
  - Distillate Fuel Oil: 15.77
  - Retail Power Prices (cents per kWh)
    - Residential Sector: 12.59
    - Commercial Sector: 10.54
    - Industrial Sector: 6.81
  - Wholesale Electricity Prices (dollars per megawatt-hour)
    - ERCOT North hub: 33.26
    - CAISO SP15 zone: 35.44
    - ISO-NE internal hub: 65.86
    - NYISO Hudson Valley zone: 51.52
    - PJM Western hub: 47.93
    - Mideast ISO Illinois hub: 31.22
    - SPP South hub: 26.54
    - SERC index, into Southern: 30.84
    - ERCOT, Florida Reliability: 30.31
    - Northwest index, Mid-Columbia: 21.80
    - Southwest index, Palo Verde: 26.39

**Notes:**

- The approximate break between historical and forecast values is shown by historical data printed in bold; estimates and forecasts in italics.
- kWh = kilowatt-hours. Btu = British thermal units.
- Prices are not adjusted for inflation.
- Generation supplied by power plants with capacity of at least 1 megawatt operated by electric utilities and independent power producers.
- Generation supplied by power plants with capacity of at least 1 megawatt operated by businesses in the commercial and industrial sectors, primarily for onsite use.
- Includes transmission and distribution losses, data collection time-frame differences, and estimation error.
- Direct Use represents commercial and industrial facility use of onsite net electricity generation; and electrical sales or transfers to adjacent or colocated facilities for which revenue information is not available. See Table 7.6 of the EIA Monthly Energy Review.

**Historical data sources:**

1. Electricity generation, fuel costs, and retail electricity prices: Latest data available from U.S. Energy Information Administration databases
2. Wholesale electricity prices (except for PJM RTO price): S&P Global Market Intelligence, SNL Energy Data
3. PJM ISO Western Hub wholesale electricity prices: PJM Data Miner website

**Projections:** EIA Regional Short-Term Energy Model.