### U.S. Macroeconomic Indicators and CO2 Emissions

#### Table 9a.

<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>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>0.01</td>
<td>0.02</td>
<td>0.03</td>
<td>0.04</td>
<td>0.05</td>
<td>0.06</td>
<td>0.07</td>
<td>0.08</td>
<td>2022</td>
</tr>
<tr>
<td>2022</td>
<td>0.09</td>
<td>0.10</td>
<td>0.11</td>
<td>0.12</td>
<td>0.13</td>
<td>0.14</td>
<td>0.15</td>
<td>0.16</td>
<td>2023</td>
</tr>
</tbody>
</table>

#### Macroeconomic

- **Coal**: Raw domestic product (billion chained 2012 dollars - SAAR)
- **Natural Gas**: Real personal consumption expenditure (billion chained 2012 dollars - SAAR)
- **Electricity-weighted Manufacturing**: Private fixed investment (billion chained 2012 dollars - SAAR)
- **Distillate-weighted Manufacturing**: Non-disposable personal income (billion chained 2012 dollars - SAAR)
- **Coal**: Non-farm employment (millions)
- **Natural Gas**: Civilian unemployment rate (percent)
- **Electricity-weighted Manufacturing**: Housing starts (millions - SAAR)
- **Distillate-weighted Manufacturing**: Industrial production indices (index, 2017=100)

#### Price Indexes

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Price Index (all urban consumers)</td>
<td>2021-1984=1.00</td>
</tr>
<tr>
<td>Producer Price Index: All Commodities</td>
<td>index, 1982-1.00</td>
</tr>
<tr>
<td>Producer Price Index: Petroleum</td>
<td>index, 1982=1.00</td>
</tr>
<tr>
<td>GDP Implicit Price Deflator</td>
<td>index, 2012=100</td>
</tr>
</tbody>
</table>

#### Miscellaneous

- **Vehicle Miles Traveled**: Manufacturing energy consumption survey
- **Air Travel Capacity**: Gasoline consumption survey
- **Air Travel Capacity**: Electricity use data
- **Air Travel Capacity**: Natural gas consumption survey
- **Air Travel Capacity**: Coal consumption survey
- **Air Travel Capacity**: Total energy consumption survey

#### Notes

- EIA completed modeling and analysis for this report on May 5, 2022.
- The approximate break between historical and forecast data is shown with historical data printed in bold; estimates and forecasts in italics.
- Forecasts: EIA Short-Term Integrated Forecasting System. U.S. macroeconomic forecasts are based on the S&P Global model of the U.S. Economy.