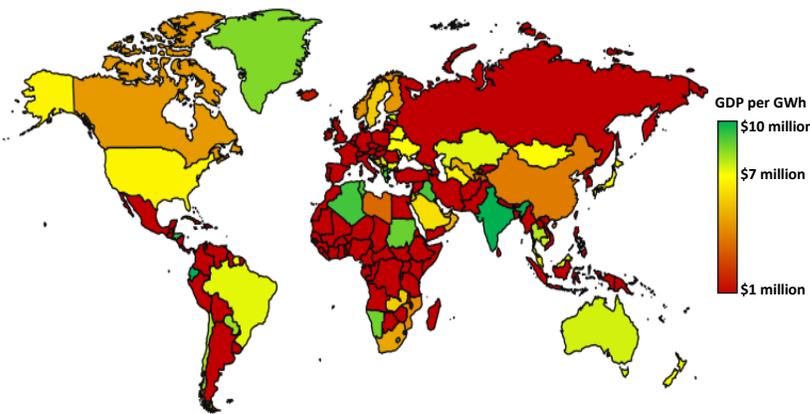


**Briefing**

- Since 2015, coal generation has fallen sharply while generation by natural gas and renewables has grown. Nuclear output has remained broadly stable. The result is a generation mix that is less carbon-intensive and more diversified than a decade ago, with renewables moving from a marginal to a structural contributor to the total energy supply (**Figure 1**).
- On the demand side, residential and commercial users have driven long-run growth in electricity consumption (**Figure 2**). Industrial demand, which had been growing for decades, has remained relatively flat since the late 1990s. This reflects the economy's structural shift away from heavy manufacturing toward services, technology and knowledge-based sectors. Residential consumption began to flatten in the late 2000s. Commercial consumption continues to grow, but at a slower pace since 2000. However, data centers are already emerging as a major source of commercial consumption growth.
- Electricity remains highly affordable in historical terms. In 1979, the median worker needed to work 15 minutes to afford enough electricity to power a typical home for a day. That figure shot up with the inflation of the 1980s but has been trending down since. In terms of labor, electricity is significantly cheaper today than in decades past (**Figure 3**).

**Chart of the Week**

**Economic Activity Produced per 1 GWh of Electricity**



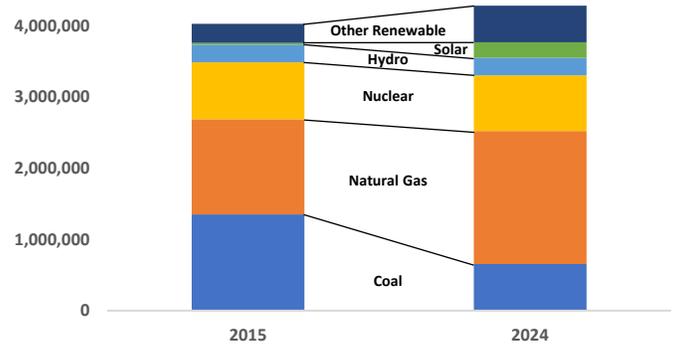
**Commentary**

Efficiency boils down to one question: How much output are you getting for your input? Details as to what constitutes “input” and “output” result in thousands of competing metrics and methods for measuring efficiency. At a country level, a reasonable aggregate measure is the amount of economic value an economy produces relative to the energy it used to do the producing. To account for differences in prices across countries, we look at purchasing-power-parity-adjusted (PPP) gross domestic product (GDP). A PPP adjustment does, across countries, what an inflation adjustment does across time.

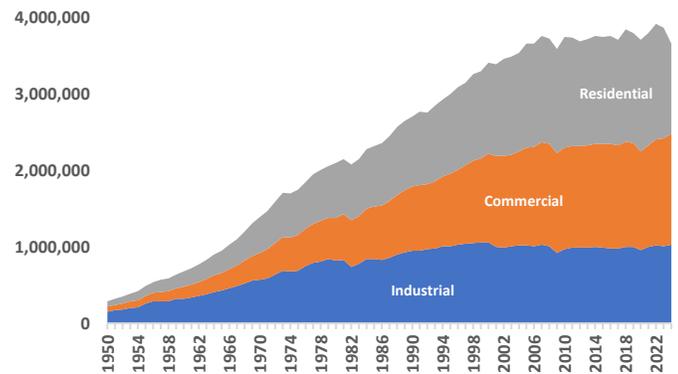
The **Chart of the Week** shows economic output per 1 gigawatt-hour of electricity. The differences are striking. Advanced, service-oriented economies generally produce far more GDP per unit of electricity than commodity-dependent or heavy industrial systems. Economies centered on finance, technology, healthcare and professional services typically generate high value added with relatively modest energy inputs. By contrast, economies reliant on heavy industry, mining or basic manufacturing convert large volumes of electricity into comparatively lower value per unit of output.

**Snapshots**

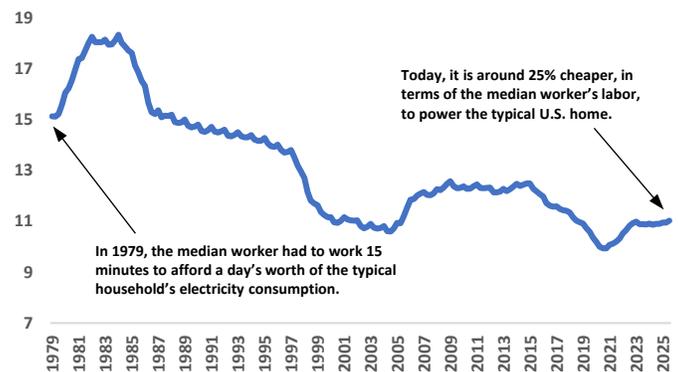
**Figure 1. US Net Electric Generation by Source (GWh)**



**Figure 2. US Electricity Consumption by Use (GWh)**



**Figure 3. Minutes of Labor to Afford 30 kWh**



**The Economic & Financial Research Team**



**John Suter, VP**

**Antony Davies, Director**

**Sam Kem, Sr. Analyst**

Email: [EconomicResearch@nrucfc.coop](mailto:EconomicResearch@nrucfc.coop)

**Key Indicators**

| INTEREST RATES <sup>1</sup>       | 2026    |      |      |      |      | 2027 |
|-----------------------------------|---------|------|------|------|------|------|
|                                   | Current | Q1   | Q2   | Q3   | Q4   | Q1   |
| Fed Funds Target <sup>2</sup> (%) | 3.75    | 3.75 | 3.75 | 3.50 | 3.25 | 3.25 |
| SOFR (%)                          | 3.68    | 3.54 | 3.38 | 3.23 | 3.16 | 3.14 |
| 2Y UST (%)                        | 3.46    | 3.49 | 3.46 | 3.43 | 3.38 | 3.35 |
| 5Y UST (%)                        | 3.59    | 3.70 | 3.69 | 3.68 | 3.66 | 3.65 |
| 10Y UST (%)                       | 4.03    | 4.18 | 4.17 | 4.17 | 4.16 | 4.16 |
| 30Y UST (%)                       | 4.69    | 4.78 | 4.77 | 4.76 | 4.74 | 4.73 |

| ECONOMY                       | 2026    |     |     |     |     | 2027 |
|-------------------------------|---------|-----|-----|-----|-----|------|
|                               | Current | Q1  | Q2  | Q3  | Q4  | Q1   |
| PCE Inflation (YoY %)         | 2.9     | 2.9 | 2.7 | 2.5 | 2.3 | 2.3  |
| CPI Inflation (YoY %)         | 2.4     | 2.8 | 2.7 | 2.6 | 2.4 | 2.5  |
| Real GDP (QoQ %)              | 1.4     | 2.2 | 2.0 | 2.0 | 2.1 | 2.1  |
| Unemployment (%)              | 4.3     | 4.5 | 4.4 | 4.4 | 4.3 | 4.3  |
| Consumer Spending (QoQ %)     | 2.4     | 1.3 | 1.5 | 1.7 | 1.8 | 2.0  |
| Industrial Production (YoY %) | 2.3     | 1.2 | 1.1 | 0.9 | 1.3 | 1.9  |

**Equities & Currency**

|                 | Current    | Year ago   | YoY Δ   |
|-----------------|------------|------------|---------|
| DJIA            | 48,812     | 43,191     | 13.01%  |
| Nasdaq          | 22,616     | 18,350     | 23.23%  |
| S&P 500         | 6,851      | 5,850      | 17.12%  |
| US Dollar Index | \$1,196.34 | \$1,292.49 | (7.85%) |

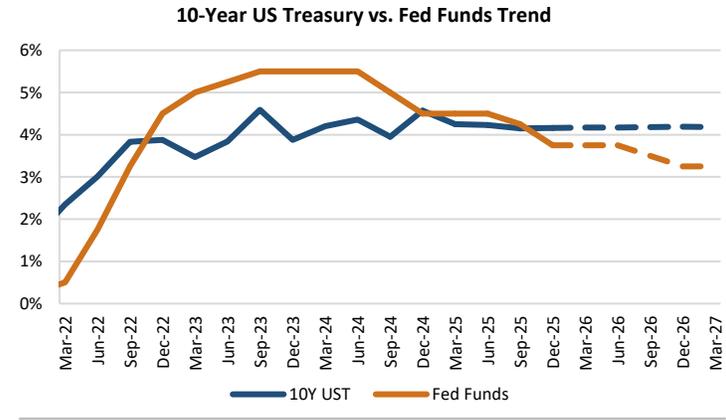
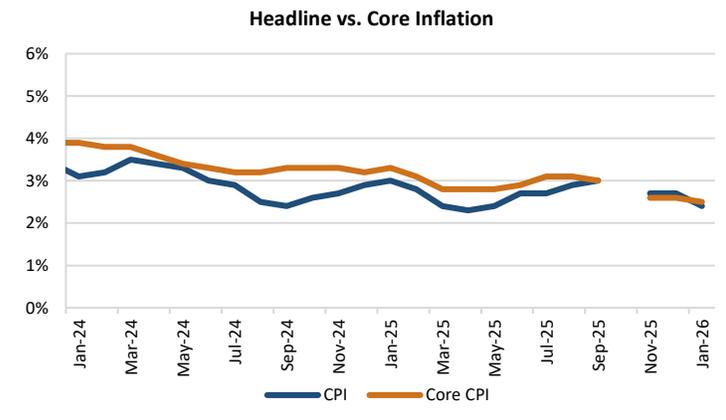
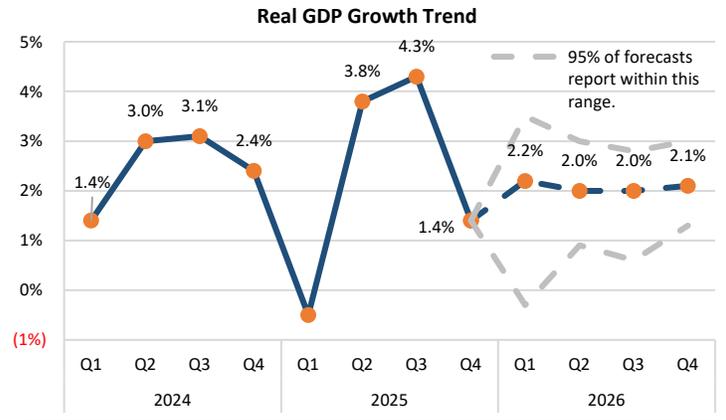
**Commodities**

|                         | Current    | Year ago   | YoY Δ    |
|-------------------------|------------|------------|----------|
| Crude Oil (Per Barrel)  | \$71.50    | \$68.37    | 4.58%    |
| Natural Gas (Per MMBtu) | \$3.61     | \$4.12     | (12.38%) |
| Coal (Per Short Ton)    | \$11.85    | \$10.14    | 16.86%   |
| Gold (Per Ounce)        | \$5,343.40 | \$2,890.80 | 84.93%   |
| Corn (Per Bushel)       | \$4.33     | \$4.40     | (1.60%)  |
| Soybean (Per Bushel)    | \$11.51    | \$9.98     | 15.26%   |

**Industry**

|  | Current    | Year ago   | YoY Δ    |
|--|------------|------------|----------|
| Natural Gas Storage (Billion Cubic Feet) | 2,018      | 1,877      | 7.50%    |
| U.S. Daily Power Consumption (MWh)       | 10,409,343 | 10,674,995 | (2.49%)  |
| World Container Index (Per 40ft)         | \$1,899    | \$2,629    | (27.77%) |

**Forecasts**



<sup>1</sup> Unless otherwise indicated, forecasts are from the Blue Chip Professional Forecasters.  
<sup>2</sup> Target rate forecast is based on futures market contracts.

Sources: Data Sources Copyright ©: Oxford Economics, Blue Chip Financial Forecasts, Trading Economics, Moody's Analytics, Statista, Oxford Economics, U.S. Bureau of Economic Analysis, U.S. Bureau of Labor Statistics, U.S. Energy Information Administration, U.S. Treasury Department, Federal Reserve Bank of Atlanta, Federal Reserve Bank of New York, Federal Reserve Bank of St. Louis, International Monetary Fund, World Bank, University of Michigan, The Conference Board.

Disclaimer: These materials are being provided to you as a service to our members for informational purposes only, and are not advice or recommendations of any kind. By receiving these materials, you agree not to share the materials outside of you cooperative, that CFC is not providing any representation or warranty regarding the information in these materials, and that CFC is not responsible for the consequences of any decisions made or actions taken in reliance on these materials. SOFR and EFFR are subject to the Terms of Use posted at newyorkfed.org. The New York Fed is not responsible for publication of SOFR or EFFR by CFC, does not sanction or endorse any particular republication, and has no liability for your use.