

Chart of the Week #2025-23

U.S. Summer Residential Electricity Trends: Three Views

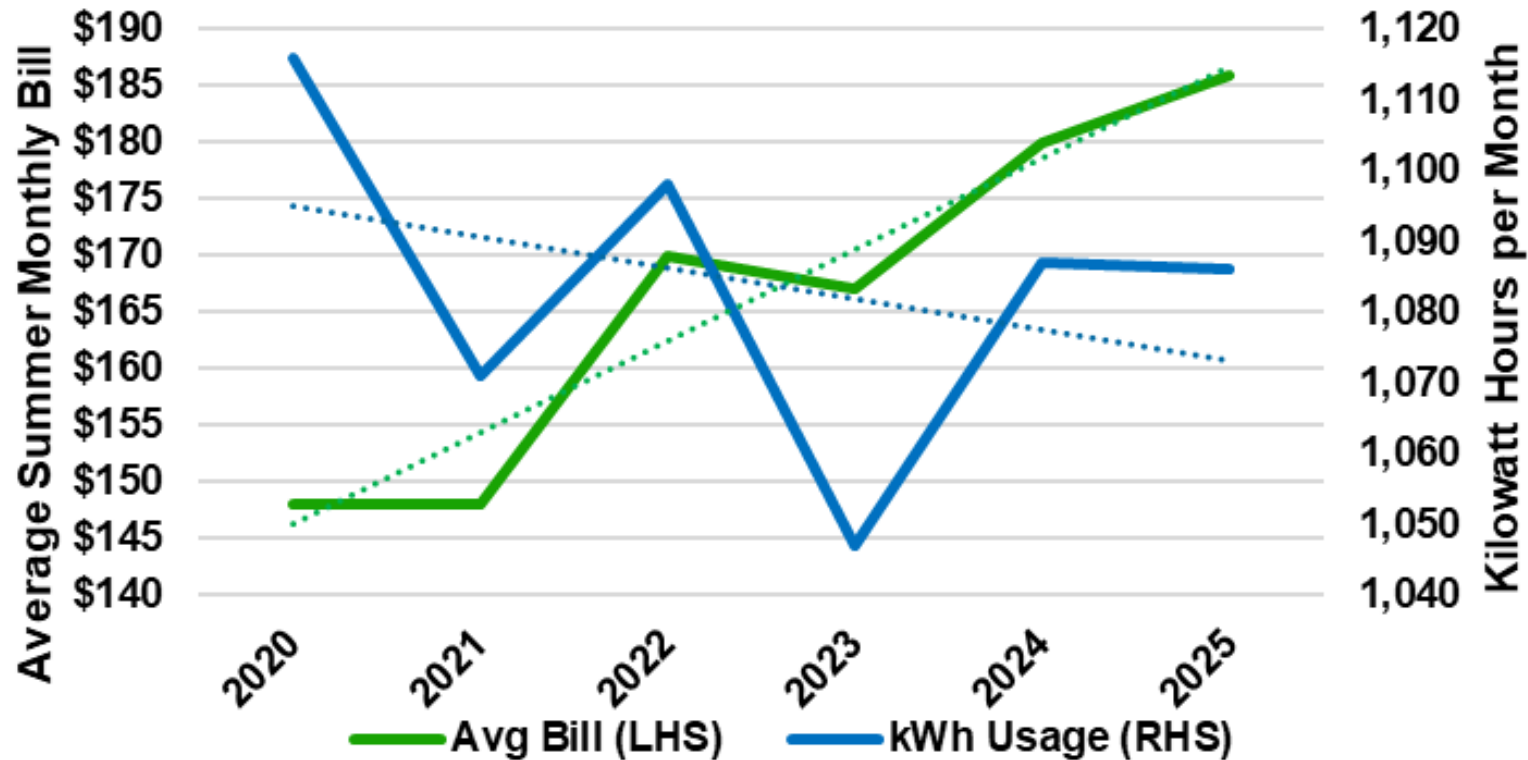


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June 11, 2025
Washington, DC**



U.S. Summer Residential Electricity Trends: National Level

U.S. Avg Summer Electricity Bills & Usage



Analysis Based on EIA Monthly Data

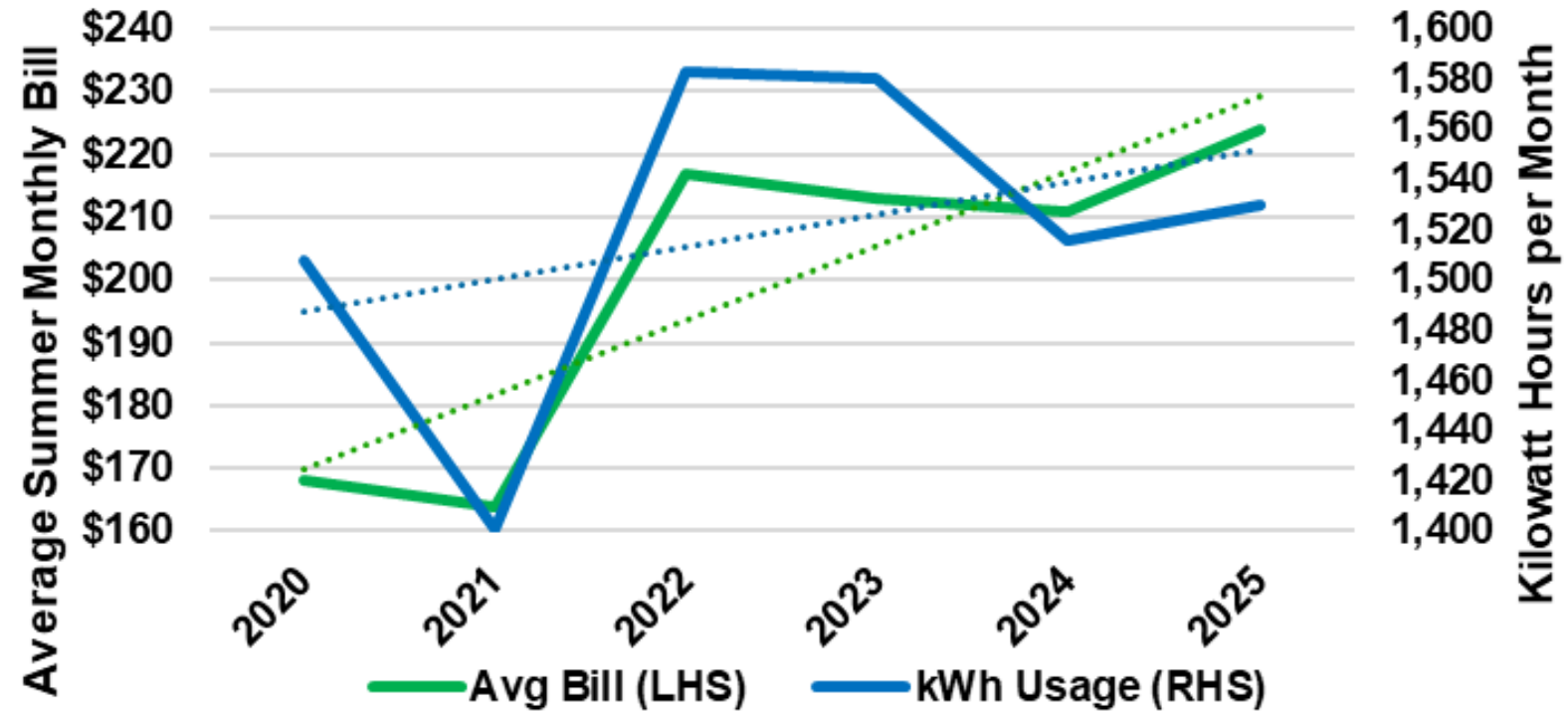
EPRINC

U.S. summer (June, July, August) residential electricity costs are trending upward, rising from an average bill of \$148 in 2020 to an expected \$186 in 2025 (annualized, this a rate of 4.7%).

Conversely, demand has declined modestly at an annual rate of 0.5% from an average monthly usage of 1,116 kilowatt hours (kWh) in 2020 to an expected 1,086 kWh in 2025. This reflects cooling demand, efficiency gains, and demographic shifts. However, there is variability when reviewing the data regionally.

U.S. Summer Residential Electricity Trends: Gulf Coast View

U.S. Gulf Coast Avg Summer Monthly Electricity Bills & Usage



Analysis Based on EIA Monthly Data

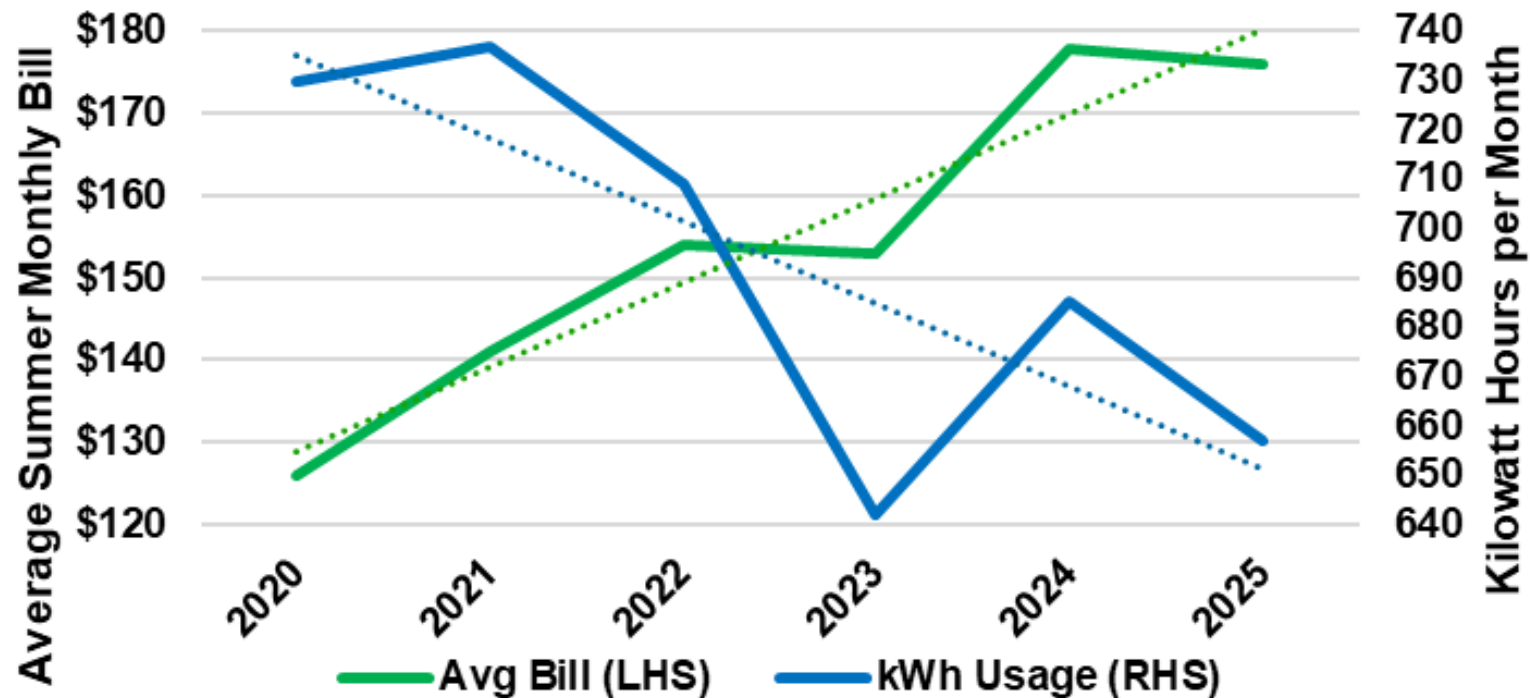
EPRINC

In the U.S. Gulf Coast, with Texas dominating, annual summer monthly consumption has risen slightly, from 1,508 kWh to 1,530 kWh (0.3% annualized).

However, monthly bills have risen from \$168 to \$224, or 5.9% annually, in the same period.

U.S. Summer Residential Electricity Trends: Pacific Coast

U.S. West Coast Avg Summer Monthly Electricity Bills & Usage



Analysis Based on EIA Monthly Data

EPRINC

Consumption in the Pacific Coast, primarily California, with the lowest historical regional usage, declined from an average monthly consumption of 730 kWh in 2020 to 657 kWh in 2025 (annualized, this a decrease of 2.1%).

But it saw the highest percentage rise (yearly 6.9%) in monthly bills, rising from \$168 in 2020 to \$224 in 2025.

The April 2025 Iberian Peninsula Power Failure: Overview and Some Considerations



- Along with operational and demographic aspects, policies such as RPS (renewable portfolio standards), production tax credits, and subsidies, impact consumers' bills.
- This report is based on EIA's Summer Fuels Data referenced in its May 2025 Short-Term Energy Outlook (<https://www.eia.gov/outlooks/steo/archives/may25.pdf>, please see p.3); the data is found here: <https://www.eia.gov/outlooks/steo/pdf/sf02.pdf>
- This slide deck is available at: <https://eprinc.org/chart-of-the-week/>
- For more information on this chart, please contact Max Pyziur (maxp@eprinc.org).