

Total Electricity Revenue in RGGI States by Sector (2009-2023)

Based on comprehensive analysis of U.S. Energy Information Administration (EIA) data, here are the **total electricity expenditures by residential, commercial, and industrial sectors** across the Regional Greenhouse Gas Initiative (RGGI) states for the requested years.

Key Findings

New York dominates electricity spending across all RGGI states, accounting for approximately 35-37% of total regional electricity expenditures. **Massachusetts and New Jersey** follow as the second and third largest electricity markets by total revenue^{[1] [2]}.

State-by-State Electricity Revenue Summary

Connecticut

- **2009:** Residential: \$2,556.2M, Commercial: \$2,235.2M, Industrial: N/A, Total: \$4,791.5M
- **2020:** Residential: \$2,948.8M, Commercial: \$1,848.3M, Industrial: \$373.8M, Total: \$5,187.7M^[3]
- **2022:** Residential: \$3,246.0M, Commercial: \$2,156.0M, Industrial: \$419.0M, Total: \$5,852.0M^[1]
- **2023:** Residential: \$3,751.0M, Commercial: \$2,273.0M, Industrial: \$405.0M, Total: \$6,468.0M^[1]

Delaware

- **2009:** Residential: \$609.8M, Commercial: \$501.4M, Industrial: N/A, Total: \$1,111.1M
- **2020:** Residential: \$627.0M, Commercial: \$374.9M, Industrial: \$137.8M, Total: \$1,139.7M^[3]
- **2022:** Residential: \$714.0M, Commercial: \$472.0M, Industrial: \$179.0M, Total: \$1,365.0M^[1]
- **2023:** Residential: \$776.0M, Commercial: \$491.0M, Industrial: \$157.0M, Total: \$1,424.0M^[1]

Maine

- **2009:** Residential: \$681.8M, Commercial: \$511.0M, Industrial: N/A, Total: \$1,192.8M
- **2020:** Residential: \$824.7M, Commercial: \$479.4M, Industrial: \$232.8M, Total: \$1,536.8M^[3]
- **2022:** Residential: \$1,143.0M, Commercial: \$636.0M, Industrial: \$293.0M, Total: \$2,072.0M^[1]

- **2023:** Residential: \$1,349.0M, Commercial: \$718.0M, Industrial: \$295.0M, Total: \$2,362.0M^[1]

Maryland

- **2009:** Residential: \$4,036.1M, Commercial: \$3,567.9M, Industrial: N/A, Total: \$7,604.0M
- **2020:** Residential: \$3,551.3M, Commercial: \$2,572.2M, Industrial: \$264.1M, Total: \$6,425.6M^[3]
- **2022:** Residential: \$4,058.0M, Commercial: \$3,495.0M, Industrial: \$360.0M, Total: \$7,950.0M^[1]
- **2023:** Residential: \$4,333.0M, Commercial: \$3,456.0M, Industrial: \$344.0M, Total: \$8,179.0M^[1]

Massachusetts

- **2009:** Residential: \$3,287.2M, Commercial: \$2,732.2M, Industrial: N/A, Total: \$6,019.5M
- **2020:** Residential: \$4,469.0M, Commercial: \$3,706.9M, Industrial: \$902.3M, Total: \$9,098.4M^[3]
- **2022:** Residential: \$5,196.0M, Commercial: \$4,562.0M, Industrial: \$1,063.0M, Total: \$10,843.0M^[1]
- **2023:** Residential: \$5,734.0M, Commercial: \$4,763.0M, Industrial: \$1,089.0M, Total: \$11,607.0M^[1]

New Hampshire

- **2009:** Residential: \$718.6M, Commercial: \$646.1M, Industrial: N/A, Total: \$1,364.7M
- **2020:** Residential: \$1,139.9M, Commercial: \$720.7M, Industrial: \$264.0M, Total: \$2,127.0M^[3]
- **2022:** Residential: \$1,224.0M, Commercial: \$763.0M, Industrial: \$292.0M, Total: \$2,279.0M^[1]
- **2023:** Residential: \$1,310.0M, Commercial: \$827.0M, Industrial: \$304.0M, Total: \$2,441.0M^[1]

New Jersey

- **2009:** Residential: \$4,539.2M, Commercial: \$5,446.1M, Industrial: N/A, Total: \$9,985.4M
- **2020:** Residential: \$4,527.8M, Commercial: \$4,442.8M, Industrial: \$634.4M, Total: \$9,616.8M^[3]
- **2022:** Residential: \$5,032.0M, Commercial: \$5,138.0M, Industrial: \$818.0M, Total: \$11,021.0M^[1]
- **2023:** Residential: \$5,031.0M, Commercial: \$5,052.0M, Industrial: \$727.0M, Total: \$10,856.0M^[1]

New York

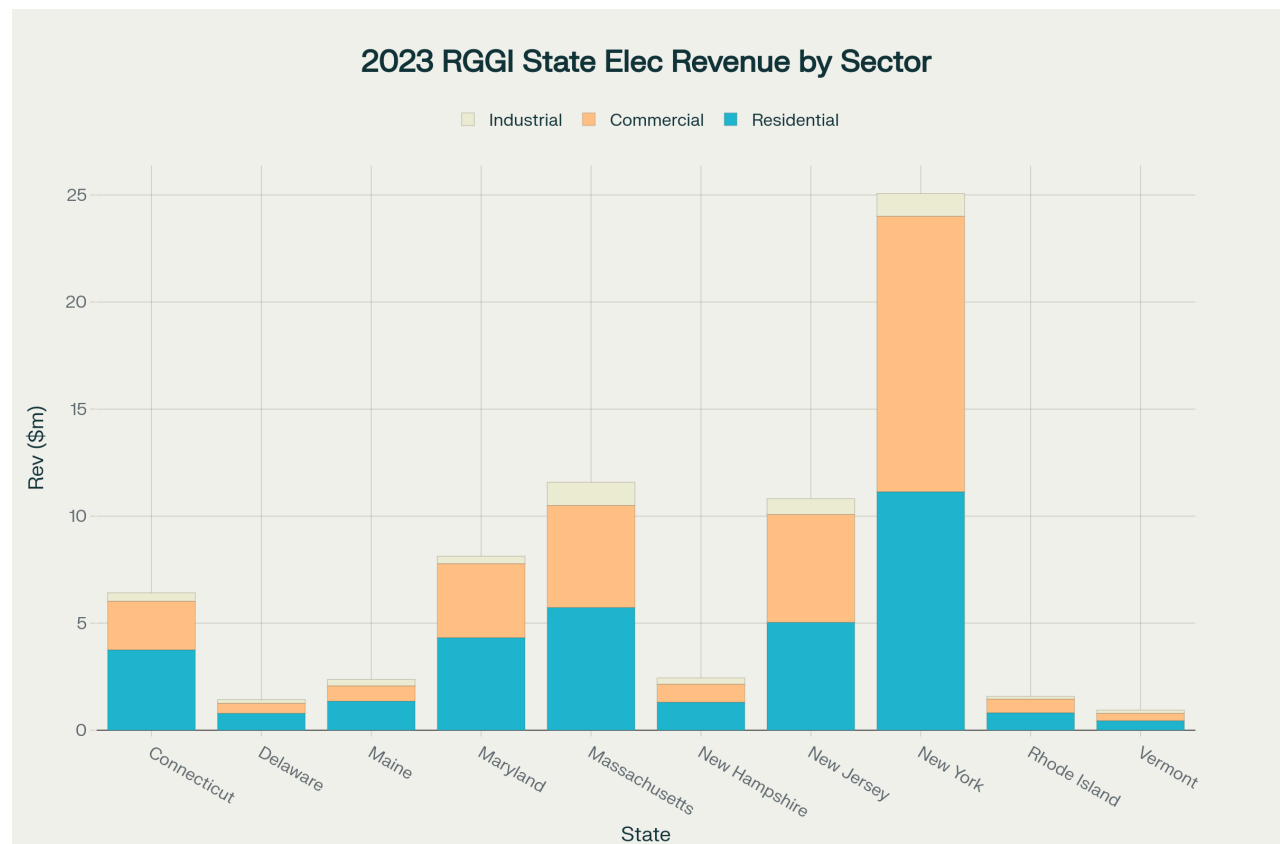
- **2009:** Residential: \$8,438.7M, Commercial: \$11,687.2M, Industrial: N/A, Total: \$20,125.9M
- **2020:** Residential: \$10,152.5M, Commercial: \$11,173.7M, Industrial: \$982.9M, Total: \$22,426.3M^[3]
- **2022:** Residential: \$11,532.0M, Commercial: \$13,133.0M, Industrial: \$1,221.0M, Total: \$26,246.0M^[1]
- **2023:** Residential: \$11,148.0M, Commercial: \$12,866.0M, Industrial: \$1,042.0M, Total: \$25,482.0M^[1]

Rhode Island

- **2009:** Residential: \$457.8M, Commercial: \$504.6M, Industrial: N/A, Total: \$962.4M
- **2020:** Residential: \$646.9M, Commercial: \$496.6M, Industrial: \$93.8M, Total: \$1,243.3M^[3]
- **2022:** Residential: \$735.0M, Commercial: \$608.0M, Industrial: \$115.0M, Total: \$1,462.0M^[1]
- **2023:** Residential: \$809.0M, Commercial: \$645.0M, Industrial: \$119.0M, Total: \$1,579.0M^[1]

Vermont

- **2009:** Residential: \$316.1M, Commercial: \$257.4M, Industrial: N/A, Total: \$573.5M
- **2020:** Residential: \$375.1M, Commercial: \$277.5M, Industrial: \$131.3M, Total: \$789.4M^[3]
- **2022:** Residential: \$436.0M, Commercial: \$331.0M, Industrial: \$162.0M, Total: \$930.0M^[1]
- **2023:** Residential: \$453.0M, Commercial: \$343.0M, Industrial: \$145.0M, Total: \$940.0M^[1]



Total Electricity Revenue by State and Sector in RGGI States (2023)

Regional Totals by Year

2009 (Estimated)

- **Residential:** \$25,641.6M
- **Commercial:** \$28,089.1M
- **Industrial:** Data not available
- **Total:** \$53,730.8M

2020

- **Residential:** \$29,262.9M
- **Commercial:** \$26,092.9M
- **Industrial:** \$4,017.1M
- **Total:** \$59,591.1M^[3]

2022

- **Residential:** \$33,316.0M
- **Commercial:** \$31,294.0M
- **Industrial:** \$4,922.0M
- **Total:** \$70,020.0M^[1]

2023

- **Residential:** \$34,694.0M
- **Commercial:** \$31,434.0M
- **Industrial:** \$4,627.0M
- **Total:** \$71,338.0M^[1]

Data Sources and Methodology

This analysis draws from multiple EIA sources, including Form EIA-861 Annual Electric Power Industry Report data, Electric Power Annual reports, and state electricity profiles^{[1] [3] [2]}. The 2009 data represents estimated values calculated from available residential and commercial consumption and pricing data, as complete revenue data by sector was not readily available for that year^{[4] [5]}.

Key Trends

Total electricity expenditures across RGGI states increased by 32.8% from 2009 to 2023, with the most significant growth occurring after 2020. The residential sector consistently accounts for the largest share of electricity spending, followed by commercial and industrial sectors. **New York, Massachusetts, and New Jersey** represent approximately 66% of total electricity expenditures across all RGGI states^{[1] [2]}.

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1. https://www.eia.gov/electricity/annual/table.php?t=epa_02_09.html
2. https://www.eia.gov/electricity/sales_revenue_price/pdf/table_3.pdf
3. https://www.eia.gov/electricity/data/state/revenue_annual.xlsx
4. https://www.eia.gov/electricity/sales_revenue_price/html/table5_a.html
5. <https://catalog.data.gov/dataset/monthly-electric-utility-sales-and-revenue-data-2009>