

Executive Summary

The purpose of this report is to provide a historical review of energy consumption and expenditures in New York State (NYS) through 2022. In 2022, the economy went through a financial rebound, following the devastating impacts of the coronavirus (COVID-19). The recovery, while essential to restart the economy, proved to be challenging and impacted the energy sector in various ways. These challenges included:

- Rebalancing supply and demand
- Addressing production and supply chain struggles to keep up with this rebalancing
- Responding to geopolitical events that influenced all aspects of recovery from the pandemic.

The energy sector was impacted by the market slowdown during the pandemic and ultimately experienced challenges associated with recovery. This Patterns and Trends report of the NYS energy profile evaluates how 2022 compares to a 15-year history of energy data, a focus on comparisons to 2020 and 2021 as New York State emerged from the pandemic.

Consumption of most energy fuels increased during 2022 compared to the prior year, and prices for these fuels and energy products remained significantly elevated. The return of energy demand, suppressed during the pandemic, led to a market characterized by high demand and a limited supply of energy products, which resulted in higher prices. Additionally, Russia's invasion of Ukraine and the subsequent global response to sanctions on Russian products, including energy products, altered the global supply chain, further driving up prices.

Table ES-1 and Figure ES-1 provide fundamental energy summaries for New York State from 2022 based on U.S. Energy Information Administration (EIA) data.

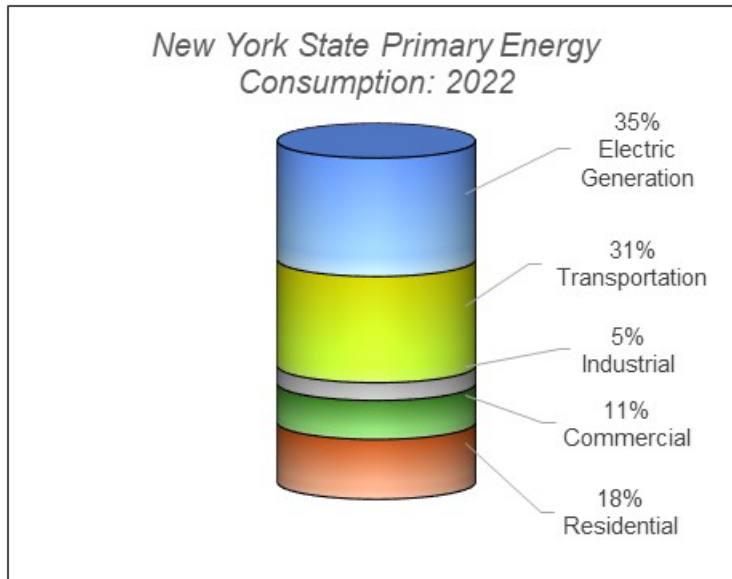
Table ES-1. New York State Executive Summary Statistics for 2022

Source: (EIA 2024) (EIA 2023)

New York State Summary		
Primary Energy Consumption (Tbtu)	3,634	
Net Energy Consumption (Tbtu)	2,861	
Electricity Sales to Ultimate Customers (GWh)	143,211	
Average Electricity Price (cents per kWh)	Total	18.33
	Residential	22.08
	Commercial	18.19
	Industrial	7.55
	Transportation	13.84

Figure ES-1. New York State Primary Energy Consumption by Sector

Source: (EIA 2024)



The rest of the document provides additional details and resources for an expansive review of NYS energy for 2022, along with supplemental resources from New York State Energy Research and Development Authority (NYSERDA).