

Heading Off the Electricity Crisis: Tools to Protect Consumers, Reduce Greenhouse Gas Emissions, and Support Economic Development

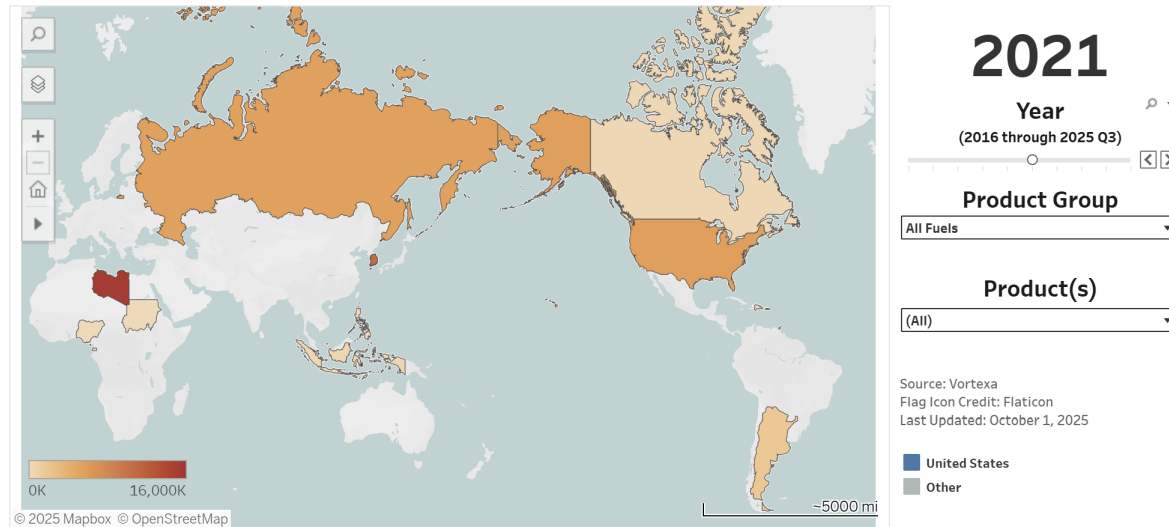
NASEO Annual Conference
October 28, 2025

Chris Yunker, P.E.

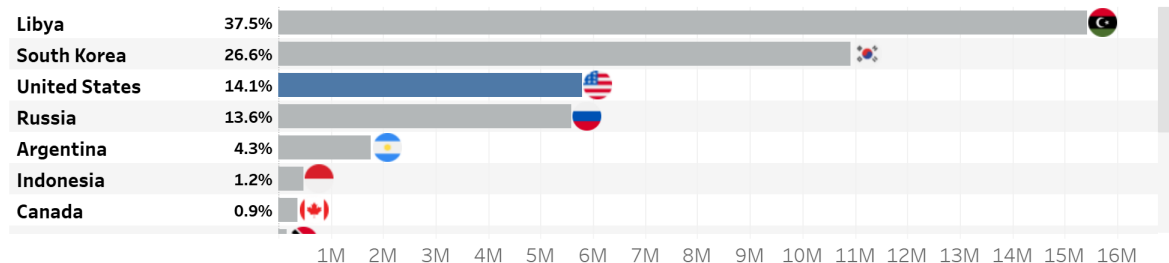
Managing Director - Resilience, Clean Transportation, and Analytics
Hawaii State Energy Office

Assessing Vulnerabilities

Hawai'i Fuel Imports Dashboard



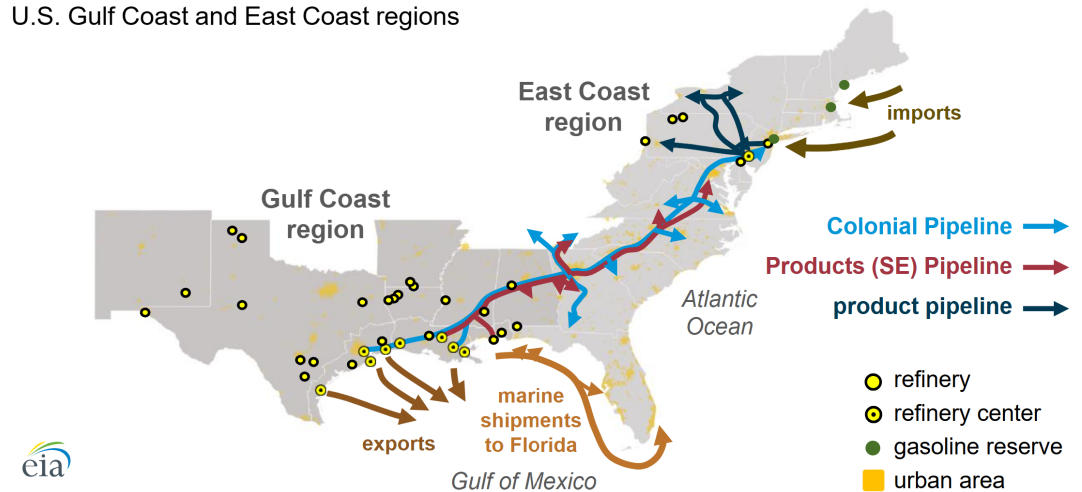
Imports by Country - Barrels (volume)



MAY 11, 2021

Cyberattack halts fuel movement on Colonial petroleum pipeline

Petroleum product supply overview
U.S. Gulf Coast and East Coast regions



Source: U.S. Energy Information Administration, [East Coast and Gulf Coast Transportation Fuels Markets](#)
Note: Map updated to reflect changes in U.S. refineries since initial report.

Volatility, Hedging, and Affordability

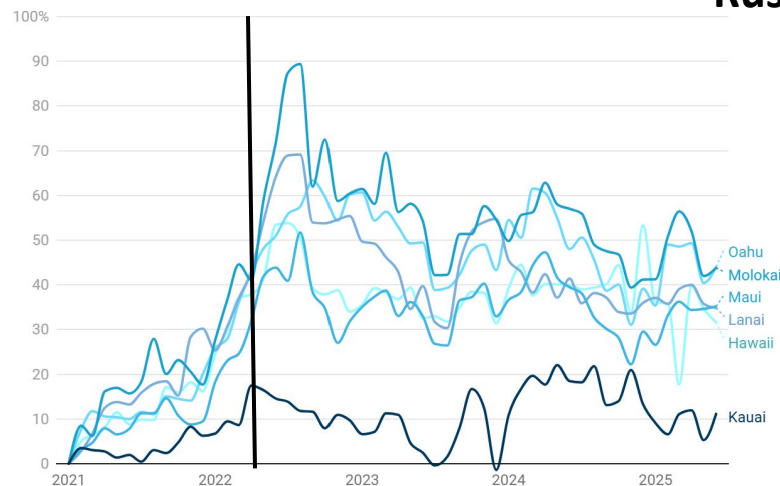
Percent Change in Residential Electricity Price

Overview

Metadata

Browse Data

% change over Jan 2021 baseline



Source: State of Hawaii, DBEDT • Get the data • Embed • Created with Datawrapper

Download Full Dataset:  

Description: Timeseries showing the percent change in the average monthly residential electricity price for each island over the baseline month of January 2021. This dataset is adapted from the monthly average electricity prices data series maintained by the DBEDT Research and Economic Analysis Division's Monthly Energy Trends.

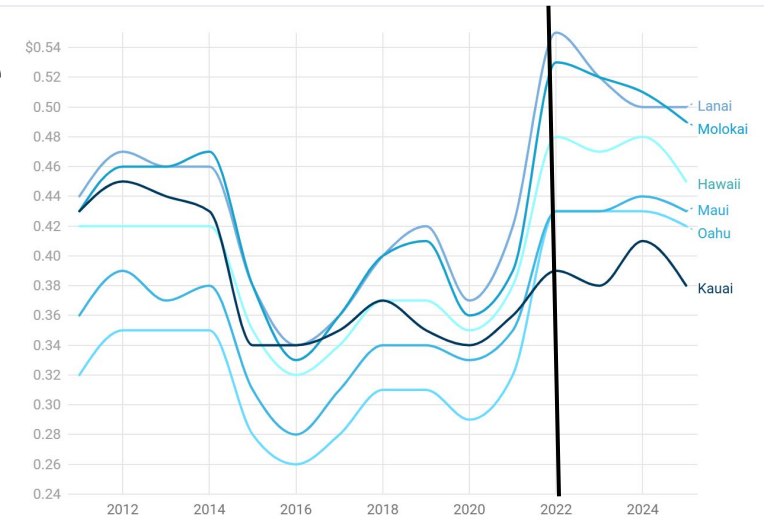
Last Updated: Wed, Oct 15 2025 @ 08:02:31 UTC

Average Residential Electricity Price per Month

Overview

Metadata

Browse Data



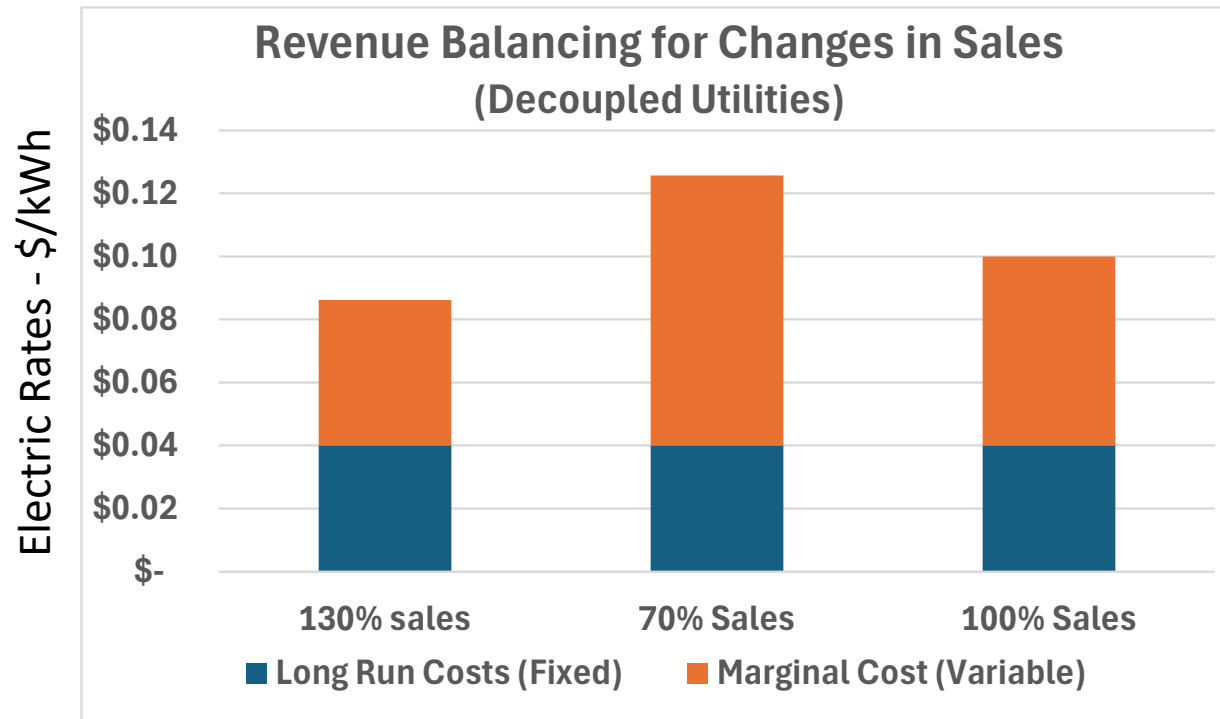
Source: State of Hawaii, DBEDT • Get the data • Created with Datawrapper

Download Full Dataset:  

Description: Timeseries showing the average residential electricity price per month for each island and for the entire state of Hawaii since 2011. Note: Data for 2025 does not reflect all months. Data for 2025 only includes January to August.

Last Updated: Wed, Oct 15 2025 @ 08:01:16 UTC

Beneficial Electrification



Considerations

- To what extent are changes in sales impacting long run costs (fixed)
- What type of fixed costs are being impacted
 - T&D
 - Generation

Aloha

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