

MONTHLY ENERGY TREND HIGHLIGHTS

December 2023 Highlights

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Issued on January 9, 2024

Crude Oil Prices:

In December 2023, the crude oil price decreased from the same month last year and decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$72.12 per barrel in December 2023 which was down \$4.60 (6.0%) per barrel from the same month last year. Compared to November 2023, it was a decrease of \$5.22 (6.7%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.7 million barrels of foreign crude oil in October 2023. This was an increase of 0.7 million barrels (36.5%) from the same month last year. Compared to September 2023, it was an increase of 0.8 million barrels (40.5%).

Gasoline Prices:

In December 2023, the regular gasoline price in Hawaii averaged \$4.691 per gallon, which was \$1.550 per gallon (49.4%) higher than the national average for the same month.

Hawaii's regular gasoline price in December 2023 was a decrease of 42.2 cents per gallon (8.3%) from the same month last year, and a decrease of 4.7 cents per gallon (1.0%) from November 2023.

The national average price for regular gasoline in December 2023 was \$3.140 per gallon, a decrease of 8.2 cents per gallon (2.5%) from the same month last year, and a decrease of 20.6 cents per gallon (6.2%) from November 2023.

The average prices of regular gasoline within the State in December 2023 were as follows: Kauai, \$5.242; Hilo, \$4.806; Wailuku, \$4.795; and Oahu, \$4.546.

Diesel Fuel Prices:

The national average price for diesel in December 2023 was \$4.072 per gallon which was a decrease of 76.7 cents (15.9%) from the same month a year ago, and a decrease of 26.1 cents (6.0%) from November 2023.

Hawaii's average price for diesel in December 2023 was \$5.650 per gallon which decreased 42.0 cents (6.9%) per gallon from the same month last year and decreased 6.4 cents per gallon (1.1%) from November 2023. Hawaii's diesel price was \$1.578 per gallon (38.8%) higher than the national average.

In December 2023, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.311; Hilo, \$5.660; Wailuku, \$5.603; and Oahu, \$5.587.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in October 2023, as measured by the gasoline tax base, was 35.2 million gallons, which increased 0.1 million gallons (0.4%) from the same month a year ago. Gasoline in October 2023 was mainly consumed in Honolulu (59.5%), followed by Hawaii County (19.9%), Maui County (13.5%), and Kauai County (7.1%).

Highway Diesel Fuel Consumption:

Hawaii's October 2023 consumption for highway use diesel was 4.3 million gallons, which decreased 0.7 million gallons (13.2%) from the same month last year. Highway use diesel in October 2023 was mainly consumed in Honolulu (56.7%), followed by Hawaii County (25.5%), Maui County (12.0%), and Kauai County (5.8%).

Aviation Fuel Consumption:

In October 2023, data from the Department of Taxation showed statewide aviation fuel consumption was 21.9 million gallons, which decreased 2.5 million gallons (10.4%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (52.1%), Maui County (21.5%), and Hawaii County (17.1%), and Kauai County (9.3%).

Registered Taxable Vehicles:

As of December 2023, there were 1,079,807 registered passenger vehicles in the state, an increase of 15,893 vehicles (1.5%) from the same month last year and an increase of 196 vehicles (0.02%) from November 2023. The number of passenger gasoline vehicles was 1,015,308, which was 94.0% of total passenger vehicles. It represents an increase of 7,061 vehicles (0.7%) from the same period last year, but a decrease of 526 vehicles (0.1%) from November 2023.

In December 2023, the number of passenger electric vehicles in the state was 29,239, an increase of 6,990 vehicles (31.4%) from the same month last year, and an increase of 533 vehicles (1.9%) from November 2023. The number of passenger hybrid vehicles in the state in this month was 27,658, accounting for 2.6% of the total passenger vehicles. It represents an increase of 7.5% from the same month last year and an increase of 0.8% from November 2023.

In December 2023, there were 51,920 registered freight gasoline vehicles, a 2.4% increase from the same period last year, and a 0.3% increase from November 2023. The number of freight diesel vehicles in December 2023 was 24,056, a 0.5% increase from the same period last year, and a 0.2% increase from November 2023.

Monthly Energy Trend: State						
Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Crude Oil Price						
NYMEX WTI Future Price	\$ per Barrel	December 23	72.12	-6.0%	77.61	-17.7%
Europe Brent Spot Price	\$ per Barrel	December 23	77.63	-4.1%	82.47	-18.2%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	December 23	3.140	-2.5%	3.529	-10.9%
Gasoline -Mid Grade, National	\$ per Gallon	December 23	3.601	-1.7%	3.963	-9.3%
Gasoline -Premium, National	\$ per Gallon	December 23	3.937	-1.1%	4.292	-8.0%
Diesel, National	\$ per Gallon	December 23	4.072	-15.9%	4.268	-14.3%
Gasoline - Regular, State	\$ per Gallon	December 23	4.691	-8.3%	4.794	-6.7%
Gasoline -Mid Grade, State	\$ per Gallon	December 23	4.899	-8.3%	5.008	-6.4%
Gasoline -Premium, State	\$ per Gallon	December 23	5.147	-7.7%	5.259	-6.0%
Diesel, State	\$ per Gallon	December 23	5.650	-6.9%	5.817	1.2%
Fuel Surcharges						
Matson Navigation Company	Percentage	December 23	41.00%	-14.6%	42.18%	-8.2%
Foreign Imports						
Crude Oil	1000 Barrels	October 23	2,729	36.5%	21,266	10.8%
Distillate	1000 Barrels	October 23	35	40.0%	285	-17.4%
Jet Fuel, Kerosene	1000 Barrels	October 23	659	-26.1%	10,473	42.3%
Residual Fuel Oil	1000 Barrels	October 23	-	N/A	-	N/A
Propane	1000 Barrels	October 23	55	-51.8%	713	-3.8%
Fuel Ethanol	1000 Barrels	October 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 23	325	-50.0%	3,987	-0.4%
Liquid Fuel Tax Base						
Gasoline	Gallons	October 23	35,249,584	0.4%	356,721,896	2.0%
Diesel Oil (non-hwy)	Gallons	October 23	15,907,657	-3.6%	133,715,128	2.7%
Diesel Oil (hwy use)	Gallons	October 23	4,345,071	-13.2%	37,983,164	-15.6%
LPG (off hwy)	Gallons	October 23				
LPG (hwy use)	Gallons	October 23	(1,267)	-244.3%	1,001	-94.5%
Small Boat (gas)	Gallons	October 23	106,055	-2.4%	1,028,703	-4.7%
Small Boat (diesel)	Gallons	October 23	192,692	-47.5%	2,380,636	-35.8%
Aviation Fuel	Gallons	October 23	21,948,575	-10.4%	245,492,279	-4.1%
Other Fuel	Gallons	October 23	2,633,652	-20.8%	25,038,620	12.0%
Agricultural Refund	Gallons	October 23	160,383	73.3%	807,999	-32.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 23	29,239	31.4%	26,154	29.7%
Passenger, Diesel	Vehicle	December 23	7,319	-0.4%	7,347	-0.5%
Passenger, Gasoline	Vehicle	December 23	1,015,308	0.7%	1,013,844	1.0%
Passenger, Hybrid	Vehicle	December 23	27,658	7.5%	26,652	7.7%
Passenger, Misc Fuel	Vehicle	December 23	283	-16.3%	319	-15.5%
Freight, Electric	Vehicle	December 23	261	357.9%	149	296.2%
Freight, Diesel	Vehicle	December 23	24,056	0.5%	23,943	0.2%
Freight, Gasoline	Vehicle	December 23	51,920	2.4%	51,376	2.0%
Freight, Hybrid	Vehicle	December 23	200	47.1%	168	52.8%
Freight, Misc Fuel	Vehicle	December 23	26	-21.2%	30	-21.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	510,395	0.1%	511,298	0.3%
Residential	Consumers	September 23	445,802	0.2%	446,497	0.4%
Commercial	Consumers	September 23	60,015	-0.2%	60,204	0.0%
Street Lights	Consumers	September 23	4,578	-0.6%	4,597	-0.1%
Electric Meters						
All sectors	Meters	September 23	509,538	0.1%	510,077	0.3%
Residential	Meters	September 23	445,995	0.2%	446,376	0.3%
Commercial	Meters	September 23	59,564	-0.2%	59,725	0.0%
Street Lights	Meters	September 23	3,979	0.5%	3,977	0.8%
Electricity Sale (KWH sold)						
All Sectors	KWH	September 23	752,225,626	-3.4%	6,433,208,565	-1.7%
Residential	KWH	September 23	214,164,646	-6.4%	1,858,714,292	-3.7%
Commercial	KWH	September 23	536,098,907	-2.2%	4,555,634,283	-1.0%
Street Lights	KWH	September 23	1,962,073	-6.4%	18,859,990	114.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	278,493,654	-16.7%	2,507,249,376	-3.0%
Residential	Dollars	September 23	90,726,004	-14.9%	807,969,918	-3.8%
Commercial	Dollars	September 23	186,964,265	-17.6%	1,691,323,224	-2.7%
Street Lights	Dollars	September 23	803,385	-3.9%	7,956,234	35.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	37.02	-13.8%	38.97	-1.3%
Residential	Cents/KWh	September 23	42.36	-9.1%	43.47	-0.1%
Commercial	Cents/KWh	September 23	34.87	-15.8%	37.13	-1.7%
Street Lights	Cents/KWh	September 23	40.95	2.7%	42.19	-36.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	782,776,021	-3.7%	6,734,627,832	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	September 23	497,109,158	-7.1%	4,387,431,027	10.4%
- Generated by Steam	KWH	September 23	373,137,781	-4.8%	3,249,189,226	15.6%
- Generated by Diesel	KWH	September 23	118,758,898	-14.6%	1,088,307,751	-2.1%
- Generated by Biodiesel	KWH	September 23	908,304	-48.5%	11,560,064	-20.8%
- Generated by Solar	KWH	September 23	3,736,049	11.1%	31,647,904	9.1%
- Generated by Hydro and Wind	KWH	September 23	568,126	87.1%	6,726,081	-15.4%
Electricity Purchased from Independent Power Plant	KWH	September 23	314,755,199	2.9%	2,606,177,806	-16.7%
Electricity Used by Electric Utility Stations	KWH	September 23	29,088,336	2.3%	258,980,947	13.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	618,583	-4.9%	5,408,571	15.1%
Total Cost of Oil Consumed	Dollars	September 23	69,159,323	-35.8%	661,092,100	4.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	111.80	-32.5%	122.23	-9.5%
Month-end price per barrel	Dollars	September 23	106.91	-12.8%	104.74	-10.4%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.201	-31.7%	0.218	-9.0%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	222,655	-12.5%	1,936,146	0.6%
Total Cost of Oil Consumed	Dollars	September 23	25,360,855	-34.9%	245,371,333	-8.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	113.90	-25.6%	126.73	-9.3%
Month-end price per barrel	Dollars	September 23	130.38	-22.4%	156.93	1.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.214	-26.6%	0.237	-6.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	1,430	-48.4%	18,086	-21.0%
Total Cost of Oil Consumed	Dollars	September 23	232,049	-58.4%	3,240,708	-23.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	162.27	-19.4%	179.18	-3.3%
Month-end price per barrel	Dollars	September 23	147.30	-20.8%	159.25	-11.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.310	-11.4%	0.327	-5.8%

Source:
NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Oahu Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	December 23	4.546	-10.3%	4.685	-7.3%
Gasoline - Mid Grade	\$ per Gallon	December 23	4.796	-10.1%	4.932	-7.0%
Gasoline - Premium	\$ per Gallon	December 23	5.063	-9.3%	5.202	-6.6%
Diesel	\$ per Gallon	December 23	5.587	-6.5%	5.726	1.9%
Foreign Imports						
Crude Oil	1000 Barrels	October 23	2,729	36.5%	21,266	10.8%
Distillate	1000 Barrels	October 23	35	40.0%	285	-17.4%
Jet Fuel, Kerosene	1000 Barrels	October 23	659	-26.1%	10,473	42.3%
Residual Fuel Oil	1000 Barrels	October 23	-	N/A	-	N/A
Propane	1000 Barrels	October 23	15	N/A	60	33.3%
Fuel Ethanol	1000 Barrels	October 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 23	325	-50.0%	3,987	-0.4%
Liquid Fuel Tax Base						
Gasoline	Gallons	October 23	20,978,366	2.4%	211,436,613	3.9%
Diesel Oil (non-hwy)	Gallons	October 23	6,432,618	-24.8%	55,711,426	9.7%
Diesel Oil (hwy use)	Gallons	October 23	2,463,486	-22.2%	20,075,396	-26.2%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	October 23	253	-70.3%	2,132	-87.0%
Small Boat (gas)	Gallons	October 23	74,011	-4.5%	703,346	-6.7%
Small Boat (diesel)	Gallons	October 23	192,692	-47.5%	2,380,636	-35.8%
Aviation Fuel	Gallons	October 23	11,432,324	12.1%	110,058,750	4.0%
Other Fuel	Gallons	October 23	103,118	-6.9%	1,109,336	14.1%
Agricultural Refund	Gallons	October 23	82,102	44.7%	619,409	1.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 23	22,214	29.4%	20,044	27.8%
Passenger, Diesel	Vehicle	December 23	2,291	-1.1%	2,301	-1.0%
Passenger, Gasoline	Vehicle	December 23	593,476	-0.4%	594,371	-0.3%
Passenger, Hybrid	Vehicle	December 23	19,371	8.0%	18,612	8.0%
Passenger, Misc Fuel	Vehicle	December 23	204	-3.8%	217	-5.2%
Freight, Electric	Vehicle	December 23	190	295.8%	108	213.6%
Freight, Diesel	Vehicle	December 23	10,668	-0.6%	10,634	-1.0%
Freight, Gasoline	Vehicle	December 23	34,883	1.4%	34,665	1.0%
Freight, Hybrid	Vehicle	December 23	167	35.8%	143	43.9%
Freight, Misc Fuel	Vehicle	December 23	21	-19.2%	24	-21.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	309,393	0.3%	309,649	0.3%
Residential	Consumers	September 23	275,743	0.3%	276,015	0.4%
Commercial	Consumers	September 23	33,248	0.2%	33,217	0.0%
Street Lights	Consumers	September 23	402	-7.6%	417	-5.2%
Electric Meters						
All Sectors	Meters	September 23	308,925	0.3%	308,715	0.2%
Residential	Meters	September 23	275,772	0.3%	275,588	0.2%
Commercial	Meters	September 23	33,031	0.1%	33,006	-0.2%
Street Lights	Meters	September 23	122	2.5%	121	2.6%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 23	542,204,804	-2.4%	4,534,003,766	-1.6%
Residential	KWH	September 23	133,956,769	-6.8%	1,119,238,883	-4.3%
Commercial	KWH	September 23	406,930,180	-0.8%	3,402,236,328	-1.0%
Street Lights	KWH	September 23	1,317,855	-5.1%	12,528,555	408.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	190,927,408	-19.8%	1,715,578,098	-1.8%
Residential	Dollars	September 23	55,547,396	-18.8%	485,921,642	-2.2%
Commercial	Dollars	September 23	134,876,664	-20.3%	1,224,608,576	-1.8%
Street Lights	Dollars	September 23	503,348	0.8%	5,047,880	75.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	35.21	-17.8%	37.84	-0.2%
Residential	Cents/KWh	September 23	41.47	-12.9%	43.42	2.2%
Commercial	Cents/KWh	September 23	33.14	-19.6%	35.99	-0.8%
Street Lights	Cents/KWh	September 23	38.19	6.3%	40.29	-65.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	559,160,677	-3.1%	4,731,907,894	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	September 23	366,957,313	-6.5%	3,187,583,234	17.8%
- Generated by Steam	KWH	September 23	350,914,065	-3.8%	3,018,505,080	17.8%
- Generated by Diesel	KWH	September 23	11,398,895	-49.6%	125,870,185	26.8%
- Generated by Biodiesel	KWH	September 23	908,304	-48.5%	11,560,064	-20.8%
- Generated by Solar	KWH	September 23	3,736,049	11.1%	31,647,904	9.1%
- Generated by Hydro and Wind	KWH	September 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 23	216,031,835	4.1%	1,754,076,267	-23.7%
Electricity Used by Electric Utility Stations	KWH	September 23	23,828,471	4.9%	209,751,607	19.1%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	573,372	-3.3%	4,910,280	17.8%
Total Cost of Oil Consumed	Dollars	September 23	64,836,463	-36.3%	614,286,071	5.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	113.08	-34.1%	125.10	-10.3%
Month-end price per barrel	Dollars	September 23	127.19	-22.7%	122.81	-14.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.200	-33.3%	0.219	-9.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	32,908	-45.8%	349,814	31.9%
Total Cost of Oil Consumed	Dollars	September 23	3,691,484	-58.0%	45,943,775	34.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	112.18	-22.6%	131.34	2.3%
Month-end price per barrel	Dollars	September 23	118.83	-25.4%	248.18	86.8%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.350	-10.3%	0.394	6.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	1,430	-48.4%	18,086	-21.0%
Total Cost of Oil Consumed	Dollars	September 23	232,049	-58.4%	3,240,708	-23.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	162.27	-19.4%	179.18	-3.3%
Month-end price per barrel	Dollars	September 23	147.30	-20.8%	159.25	-11.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.310	-11.4%	0.327	-5.8%
Energy Cost Adjustment Factor						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	December 23	0.23450	-16.4%	0.23386	-2.7%

Source:
NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
Fuel Surcharges, Matson Navigation Company
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
Registered Vehicles, City and County Honolulu
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Maui Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Wailuku Only)						
Gasoline - Regular	\$ per Gallon	December 23	4.795	-7.4%	4.849	-8.1%
Gasoline - Mid Grade	\$ per Gallon	December 23	5.008	-6.4%	5.083	-7.3%
Gasoline - Premium	\$ per Gallon	December 23	5.141	-5.4%	5.245	-6.4%
Diesel	\$ per Gallon	December 23	5.603	-9.1%	5.850	-0.1%
Foreign Imports						
Crude Oil	1000 Barrels	October 23	-	N/A	-	N/A
Distillate	1000 Barrels	October 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October 23	-	N/A	-	N/A
Propane	1000 Barrels	October 23	13	-69.0%	238	-0.8%
Fuel Ethanol	1000 Barrels	October 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 23	4,755,021	-11.4%	51,358,341	-3.7%
Diesel Oil (non-hwy)	Gallons	October 23	4,332,736	-4.9%	45,746,343	4.7%
Diesel Oil (hwy use)	Gallons	October 23	521,708	-2.9%	5,134,158	4.3%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	October 23	(1,566)	N/A	(1,504)	-2029.2%
Small Boat (gas)	Gallons	October 23	3,860	-5.4%	39,826	-25.1%
Small Boat (diesel)	Gallons	October 23	-	N/A	-	N/A
Aviation Fuel	Gallons	October 23	4,725,213	-36.3%	73,042,889	-13.5%
Other Fuel	Gallons	October 23	21,107	-4.9%	151,222	-35.8%
Agricultural Refund	Gallons	October 23	65,589	189.8%	110,694	-73.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 23	3,667	39.7%	3,189	35.8%
Passenger, Diesel	Vehicle	December 23	1,344	-1.0%	1,355	-0.6%
Passenger, Gasoline	Vehicle	December 23	157,049	-0.3%	158,464	1.6%
Passenger, Hybrid	Vehicle	December 23	3,882	9.2%	3,716	10.6%
Passenger, Misc Fuel	Vehicle	December 23	39	-46.6%	55	-43.9%
Freight, Electric	Vehicle	December 23	33	1000.0%	20	3385.7%
Freight, Diesel	Vehicle	December 23	3,834	2.4%	3,793	1.7%
Freight, Gasoline	Vehicle	December 23	7,431	5.7%	7,248	5.4%
Freight, Hybrid	Vehicle	December 23	21	250.0%	15	256.0%
Freight, Misc Fuel	Vehicle	December 23	3	-40.0%	4	-7.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	67,562	-1.8%	68,523	-0.5%
Residential	Consumers	September 23	57,987	-1.6%	58,658	-0.4%
Commercial	Consumers	September 23	9,380	-3.3%	9,665	-1.3%
Street Lights	Consumers	September 23	195	-4.9%	200	-2.7%
Electric Meters						
All Sectors	Meters	September 23	67,581	-1.5%	68,642	0.1%
Residential	Meters	September 23	58,148	-1.3%	58,962	0.1%
Commercial	Meters	September 23	9,421	-2.6%	9,668	0.1%
Street Lights	Meters	September 23	12	0.0%	12	0.9%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 23	76,412,452	-14.4%	735,526,630	-3.1%
Residential	KWH	September 23	27,055,352	-15.9%	265,915,641	-4.7%
Commercial	KWH	September 23	49,035,188	-13.6%	466,205,416	-2.2%
Street Lights	KWH	September 23	321,912	-17.1%	3,405,573	-2.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	32,060,943	-17.0%	305,004,435	-4.8%
Residential	Dollars	September 23	11,905,875	-17.0%	114,479,957	-5.9%
Commercial	Dollars	September 23	20,027,895	-16.9%	189,192,255	-4.2%
Street Lights	Dollars	September 23	127,173	-20.4%	1,332,223	-4.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	41.96	-3.0%	41.47	-1.8%
Residential	Cents/KWh	September 23	44.01	-1.3%	43.05	-1.2%
Commercial	Cents/KWh	September 23	40.84	-3.9%	40.58	-2.0%
Street Lights	Cents/KWh	September 23	39.51	-3.9%	39.12	-1.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	82,098,989	-12.2%	769,791,470	-3.6%
Electricity Generated at the Electric Utility Stations	KWH	September 23	61,695,412	-17.3%	622,634,023	-2.5%
- Generated by Steam	KWH	September 23	11,649,184	-27.0%	114,992,670	-7.7%
- Generated by Diesel	KWH	September 23	50,046,228	-16.1%	507,641,353	-1.4%
- Generated by Hydro and Wind	KWH	September 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 23	23,457,434	5.6%	175,241,096	-7.1%
Electricity Used by Electric Utility Stations	KWH	September 23	3,053,857	-8.0%	28,083,649	-3.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	23,320	-34.3%	261,750	-6.9%
Total Cost of Oil Consumed	Dollars	September 23	2,127,490	-41.8%	23,558,754	-15.3%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	91.23	-11.4%	90.00	-9.0%
Month-end price per barrel	Dollars	September 23	93.24	-5.5%	93.24	-9.4%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.220	-4.3%	0.207	-9.3%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	87,606	-4.0%	790,204	-0.5%
Total Cost of Oil Consumed	Dollars	September 23	10,044,757	-31.8%	102,341,525	-10.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	114.66	-29.0%	129.51	-9.8%
Month-end price per barrel	Dollars	September 23	114.18	-27.5%	127.53	-14.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.180	-28.0%	0.201	-9.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	-	N/A	-	N/A
Month-end price per barrel	Dollars	September 23	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	-	N/A	-	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	December 23	0.24661	2.2%	0.24151	-5.2%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Lanai Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	1,765	1.0%	1,758	0.4%
Residential	Consumers	September 23	1,497	0.6%	1,491	0.0%
Commercial	Consumers	September 23	264	3.1%	262	2.6%
Street Lights	Consumers	September 23	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	September 23	1,769	1.0%	1,760	0.3%
Residential	Meters	September 23	1,498	0.7%	1,491	0.0%
Commercial	Meters	September 23	270	3.1%	268	2.3%
Street Lights	Meters	September 23	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 23	2,841,765	-3.2%	25,038,043	-3.8%
Residential	KWH	September 23	680,393	-3.0%	6,284,924	-2.7%
Commercial	KWH	September 23	2,150,832	-3.3%	18,658,259	-4.2%
Street Lights	KWH	September 23	10,540	0.6%	94,860	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	1,475,229	-10.0%	12,817,350	-10.0%
Residential	Dollars	September 23	358,533	-8.7%	3,227,059	-8.3%
Commercial	Dollars	September 23	1,111,333	-10.5%	9,542,458	-10.6%
Street Lights	Dollars	September 23	5,363	-7.9%	47,833	-6.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	51.91	-7.0%	51.19	-6.4%
Residential	Cents/KWh	September 23	52.69	-5.9%	51.35	-5.8%
Commercial	Cents/KWh	September 23	51.67	-7.4%	51.14	-6.6%
Street Lights	Cents/KWh	September 23	50.88	-8.5%	50.42	-6.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	3,005,830	-2.3%	26,180,177	-4.0%
Electricity Generated at the Electric Utility Stations	KWH	September 23	3,083,790	-2.4%	26,875,384	-3.3%
- Generated by Steam	KWH	September 23	-	N/A	-	N/A
- Generated by Diesel	KWH	September 23	3,083,790	-2.4%	26,875,384	-3.3%
- Generated by Hydro and Wind	KWH	September 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 23	-	N/A	-	-100.0%
Electricity Used by Electric Utility Stations	KWH	September 23	77,960	-3.7%	695,207	-3.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	5,446	-0.4%	47,073	-1.8%
Total Cost of Oil Consumed	Dollars	September 23	765,017	-24.6%	7,485,006	-13.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	140.47	-24.3%	159.01	-11.6%
Month-end price per barrel	Dollars	September 23	143.06	-27.2%	161.96	-12.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.250	-21.9%	0.279	-9.4%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	December 23	0.37383	-2.5%	0.33347	-8.7%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Molokai Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	3,289	0.4%	3,288	0.2%
Residential	Consumers	September 23	2,746	0.6%	2,743	0.4%
Commercial	Consumers	September 23	534	-0.7%	535	-0.7%
Street Lights	Consumers	September 23	9	0.0%	9	0.0%
Electric Meters						
All Sectors	Meters	September 23	3,275	0.4%	3,274	0.2%
Residential	Meters	September 23	2,746	0.6%	2,743	0.4%
Commercial	Meters	September 23	529	-0.8%	530	-0.7%
Street Lights	Meters	September 23	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 23	2,476,351	-3.0%	20,842,039	-3.4%
Residential	KWH	September 23	914,984	-5.1%	8,229,913	-2.9%
Commercial	KWH	September 23	1,526,765	-1.7%	12,277,683	-3.9%
Street Lights	KWH	September 23	34,602	-6.5%	334,443	-0.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	1,194,115	-10.5%	10,491,529	-5.7%
Residential	Dollars	September 23	463,354	-11.3%	4,259,920	-4.8%
Commercial	Dollars	September 23	714,525	-9.8%	6,069,922	-6.3%
Street Lights	Dollars	September 23	16,236	-14.2%	161,687	-2.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	48.22	-7.7%	50.34	-2.3%
Residential	Cents/KWh	September 23	50.64	-6.5%	51.76	-2.0%
Commercial	Cents/KWh	September 23	46.80	-8.3%	49.44	-2.5%
Street Lights	Cents/KWh	September 23	46.92	-8.3%	48.35	-2.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	2,750,827	-2.5%	22,998,084	-3.6%
Electricity Generated at the Electric Utility Stations	KWH	September 23	2,848,960	-2.6%	23,921,540	-3.5%
- Generated by Steam	KWH	September 23	-	N/A	-	N/A
- Generated by Diesel	KWH	September 23	2,848,960	-2.6%	23,921,540	-3.5%
- Generated by Hydro and Wind	KWH	September 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 23	512	N/A	3,993	74.4%
Electricity Used by Electric Utility Stations	KWH	September 23	98,645	-5.9%	927,395	-0.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	4,836	-3.6%	41,015	-2.3%
Total Cost of Oil Consumed	Dollars	September 23	554,320	-28.6%	5,598,762	-8.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	114.62	-26.0%	136.51	-6.4%
Month-end price per barrel	Dollars	September 23	118.27	-31.9%	134.51	-11.5%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.200	-25.9%	0.234	-4.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	December 23	0.30809	-7.5%	0.29330	-5.9%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Hawaii Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Hilo only)						
Gasoline - Regular	\$ per Gallon	December 23	4.806	-4.1%	4.845	-5.2%
Gasoline - Mid Grade	\$ per Gallon	December 23	5.032	-3.2%	5.063	-4.9%
Gasoline - Premium	\$ per Gallon	December 23	5.322	-3.2%	5.338	-5.2%
Diesel	\$ per Gallon	December 23	5.660	-8.1%	5.893	0.7%
Foreign Imports						
Crude Oil	1000 Barrels	October 23	-	N/A	-	N/A
Distillate	1000 Barrels	October 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October 23	-	N/A	-	N/A
Propane	1000 Barrels	October 23	15	-72.2%	197	-29.6%
Fuel Ethanol	1000 Barrels	October 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 23	7,016,914	3.5%	69,044,028	1.0%
Diesel Oil (non-hwy)	Gallons	October 23	4,196,670	73.0%	25,081,284	-12.7%
Diesel Oil (hwy use)	Gallons	October 23	1,108,931	6.7%	10,225,964	-0.6%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	October 23	46	76.9%	373	-66.1%
Small Boat (gas)	Gallons	October 23	28,184	4.3%	285,531	4.7%
Small Boat (diesel)	Gallons	October 23	-	N/A	-	N/A
Aviation Fuel	Gallons	October 23	3,757,890	-17.7%	40,320,091	-1.6%
Other Fuel	Gallons	October 23	1,183,885	-39.1%	12,020,086	11.7%
Agricultural Refund	Gallons	October 23	10,352	-12.2%	69,192	-52.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 23	2,489	39.6%	2,147	41.3%
Passenger, Diesel	Vehicle	December 23	2,797	0.0%	2,805	0.0%
Passenger, Gasoline	Vehicle	December 23	186,937	3.5%	184,504	3.2%
Passenger, Hybrid	Vehicle	December 23	3,349	5.1%	3,267	4.9%
Passenger, Misc Fuel	Vehicle	December 23	35	-27.1%	42	-2.3%
Freight, Electric	Vehicle	December 23	23	360.0%	14	690.5%
Freight, Diesel	Vehicle	December 23	7,249	1.2%	7,215	1.5%
Freight, Gasoline	Vehicle	December 23	7,466	4.2%	7,344	3.1%
Freight, Hybrid	Vehicle	December 23	11	57.1%	10	70.8%
Freight, Misc Fuel	Vehicle	December 23	1	0.0%	1	-52.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 23	89,363	0.9%	89,121	0.8%
Residential	Consumers	September 23	77,784	1.0%	77,573	0.9%
Commercial	Consumers	September 23	11,417	0.4%	11,386	0.3%
Street Lights	Consumers	September 23	162	0.0%	162	-1.2%
Electric Meters						
All Sectors	Meters	September 23	88,965	0.9%	88,727	0.8%
Residential	Meters	September 23	77,786	0.9%	77,575	0.9%
Commercial	Meters	September 23	11,141	0.3%	11,114	0.2%
Street Lights	Meters	September 23	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 23	86,983,570	-1.6%	771,339,866	-1.7%
Residential	KWH	September 23	34,429,705	0.7%	315,044,248	-2.7%
Commercial	KWH	September 23	52,334,595	-3.0%	454,319,497	-1.0%
Street Lights	KWH	September 23	219,270	2.8%	1,976,121	7.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 23	37,605,203	-4.5%	338,361,645	-5.8%
Residential	Dollars	September 23	15,927,825	-2.4%	146,493,629	-6.3%
Commercial	Dollars	September 23	21,581,692	-6.1%	191,000,622	-5.5%
Street Lights	Dollars	September 23	95,686	0.4%	867,394	1.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 23	43.23	-3.0%	43.87	-4.2%
Residential	Cents/KWh	September 23	46.26	-3.1%	46.50	-3.7%
Commercial	Cents/KWh	September 23	41.24	-3.1%	42.04	-4.5%
Street Lights	Cents/KWh	September 23	43.64	-2.3%	43.89	-5.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 23	92,658,106	-0.8%	819,895,096	-1.7%
Electricity Generated at the Electric Utility Stations	KWH	September 23	42,073,684	3.1%	360,081,489	-14.3%
- Generated by Steam	KWH	September 23	10,574,532	-5.6%	115,691,476	-6.9%
- Generated by Diesel	KWH	September 23	31,116,952	5.1%	239,405,995	-17.7%
- Generated by Hydro and Wind	KWH	September 23	382,200	#DIV/0!	4,984,018	2.9%
Electricity Purchased from Independent Power Plant	KWH	September 23	52,117,997	-4.0%	475,694,745	10.4%
Electricity Used by Electric Utility Stations	KWH	September 23	1,533,575	-10.0%	15,881,138	-6.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	21,891	-1.1%	236,541	-5.6%
Total Cost of Oil Consumed	Dollars	September 23	2,195,370	-5.3%	23,247,275	-9.4%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	100.29	-4.3%	98.28	-4.1%
Month-end price per barrel	Dollars	September 23	100.29	-4.2%	98.16	-5.4%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.210	0.0%	0.203	-3.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 23	55,871	1.8%	415,512	-17.3%
Total Cost of Oil Consumed	Dollars	September 23	6,783,490	-24.7%	55,939,782	-23.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	121.41	-26.0%	134.63	-7.6%
Month-end price per barrel	Dollars	September 23	117.60	-26.9%	132.72	-5.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.260	-27.8%	0.288	-4.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 23	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 23	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	September 23	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 23	0.000	N/A	0.000	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	December 23	0.24574	-1.2%	0.22790	-12.6%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Kauai Month of Dec - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	December-23	5.242	-4.5%	5.278	-3.0%
Gasoline - Mid Grade	\$ per Gallon	December-23	5.557	-4.8%	5.604	-1.7%
Gasoline - Premium	\$ per Gallon	December-23	5.749	-3.1%	5.777	-1.0%
Diesel	\$ per Gallon	December-23	6.311	-5.2%	6.490	4.5%
Foreign Imports						
Crude Oil	1000 Barrels	October-23	-	N/A	-	N/A
Distillate	1000 Barrels	October-23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October-23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October-23	-	N/A	-	N/A
Propane	1000 Barrels	October-23	12	-33.3%	218	23.9%
Fuel Ethanol	1000 Barrels	October-23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October-23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 23	2,499,283	1.2%	24,882,914	1.1%
Diesel Oil (non-hwy)	Gallons	October 23	945,633	-0.9%	7,176,075	2.4%
Diesel Oil (hwy use)	Gallons	October 23	250,946	-5.6%	2,547,646	-1.8%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	October 23	-	N/A	-	-100.0%
Small Boat (gas)	Gallons	October 23	-	N/A	-	N/A
Small Boat (diesel)	Gallons	October 23	-	N/A	-	N/A
Aviation Fuel	Gallons	October 23	2,033,148	-11.6%	22,070,549	-11.0%
Other Fuel	Gallons	October 23	1,325,542	6.1%	11,757,976	13.2%
Agricultural Refund	Gallons	October 23	2,340	65.6%	8,704	-64.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December-23	869	29.1%	775	27.2%
Passenger, Diesel	Vehicle	December-23	887	0.6%	886	-1.0%
Passenger, Gasoline	Vehicle	December-23	77,846	4.8%	76,505	4.5%
Passenger, Hybrid	Vehicle	December-23	1,056	0.3%	1,057	1.1%
Passenger, Misc Fuel	Vehicle	December-23	5	0.0%	5	-29.3%
Freight, Electric	Vehicle	December-23	15	1400.0%	7	641.7%
Freight, Diesel	Vehicle	December-23	2,305	0.1%	2,300	-0.5%
Freight, Gasoline	Vehicle	December-23	2,140	1.5%	2,120	2.3%
Freight, Hybrid	Vehicle	December-23	1	N/A	1	0.0%
Freight, Misc Fuel	Vehicle	December-23	1	0.0%	1	-16.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	November-23	39,029	0.4%	38,971	0.5%
Residential	Consumers	November-23	30,051	0.2%	30,021	0.3%
Commercial	Consumers	November-23	5,172	1.3%	5,144	1.3%
Street Lights	Consumers	November-23	3,806	0.4%	3,806	0.7%
Electric Meters						
All Sectors	Meters	November-23	39,029	0.4%	38,971	0.5%
Residential	Meters	November-23	30,051	0.2%	30,021	0.3%
Commercial	Meters	November-23	5,172	1.3%	5,144	1.3%
Street Lights	Meters	November-23	3,806	0.4%	3,806	0.7%
Electricity Sale (KWH Sold)						
All Sectors	KWH	November-23	41,126,629	9.3%	427,541,296	1.6%
Residential	KWH	November-23	16,679,345	6.0%	177,242,769	0.7%
Commercial	KWH	November-23	24,389,390	11.7%	249,662,301	2.3%
Street Lights	KWH	November-23	57,894	0.6%	636,226	-5.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	November-23	15,702,422	9.7%	156,580,900	-2.7%
Residential	Dollars	November-23	6,601,471	7.4%	66,996,958	-3.3%
Commercial	Dollars	November-23	9,043,578	11.6%	88,970,350	-2.3%
Street Lights	Dollars	November-23	57,373	2.6%	613,592	-3.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	November-23	38.18	0.4%	36.62	-4.3%
Residential	Cents/KWh	November-23	39.58	1.3%	37.80	-4.0%
Commercial	Cents/KWh	November-23	37.08	-0.1%	35.64	-4.5%
Street Lights	Cents/KWh	November-23	99.10	2.0%	96.44	2.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	November-23	41,443,757	5.2%	449,038,812	0.9%
Electricity Generated at the Electric Utility Stations	KWH	November-23	21,977,217	7.9%	213,002,095	6.8%
- Generated by Steam	KWH	November-23	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	November-23	21,656,766	8.3%	210,759,592	7.7%
- Generated by Hydro and Wind	KWH	November-23	320,451	-12.4%	2,242,503	-41.1%
Electricity Purchased from Independent Power Plant	KWH	November-23	20,027,073	2.6%	240,826,712	-4.0%
Electricity Used by Electric Utility Stations	KWH	November-23	560,533	15.2%	4,789,996	-12.1%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	November-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	November-23	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	November-23	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	November-23	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	November-23	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	November-23	36,452	2.9%	371,692	7.0%
Total Cost of Oil Consumed	Dollars	November-23	1,309,588	-64.9%	34,307,222	-15.9%
Ave Cost/Bbl of Oil Consumed	Dollars	November-23	35.93	-65.9%	92.30	-21.3%
Month-end price per barrel	Dollars	November-23	159.60	-17.0%	143.37	-15.0%
Cost of Oil/KWH Generated	Dollar/KWH	November-23	0.223	19.4%	0.178	-14.3%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	December-23	0.01156	-66.3%	0.01028	-57.3%

Source:
NYMEX WTI Prices, New York Mercantile Exchange
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
Foreign Imports, US Department of Energy, Energy Information Administration
Gasoline and Diesel Prices, American Automobile Association
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