

MONTHLY ENERGY TREND HIGHLIGHTS

August 2023 Highlights

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Crude Oil Prices:

In August 2023, the crude oil price decreased from the same month last year but increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$81.32 per barrel in August 2023 which was down \$10.16 (11.1%) per barrel from the same month last year. Compared to July 2023, it was an increase of \$5.59 (7.4%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 3.7 million barrels of foreign crude oil in June 2023. This was an increase of 1.7 million barrels (82.8%) from the same month last year. Compared to May 2023, it was an increase of 1.7 million barrels (83.9%).

Gasoline Prices:

In August 2023, the regular gasoline price in Hawaii averaged \$4.774 per gallon, which was 93.7 cents per gallon (24.4%) higher than the national average for the same month.

Hawaii's regular gasoline price in August 2023 was a decrease of 58.7 cents per gallon (11.0%) from the same month last year, but an increase of 7.4 cents per gallon (1.6%) from July 2023.

The national average price for regular gasoline in August 2023 was \$3.836 per gallon, a decrease of 12.7 cents per gallon (3.2%) from the same month last year, but an increase of 23.5 cents per gallon (6.5%) from July 2023.

The average prices of regular gasoline within the State in August 2023 were as follows: Kauai, \$5.274; Hilo, \$4.871; Wailuku, \$4.831; and Oahu, \$4.649.

Diesel Fuel Prices:

The national average price for diesel in August 2023 was \$4.300 per gallon which was a decrease of 77.1 cents (15.2%) from the same month a year ago, but an increase of 41.1 cents (10.6%) from July 2023.

Hawaii's average price for diesel in August 2023 was \$5.702 per gallon which decreased 39.5 cents (6.5%) per gallon from the same month last year but increased 4.7 cents per gallon (0.8%) from July 2023. Hawaii's diesel price was \$1.402 per gallon (32.6%) higher than the national average.

In August 2023, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.384; Wailuku, \$5.791; Hilo, \$5.760; and Oahu, \$5.595.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in June 2023, as measured by the gasoline tax base, was 35.5 million gallons, which increased 1.2 million gallons (3.4%) from the same month a year ago. Gasoline in June 2023 was mainly consumed in Honolulu (59.1%), followed by Hawaii County (19.0%), Maui County (14.9%), and Kauai County (7.0%).

Highway Diesel Fuel Consumption:

Hawaii's June 2023 consumption for highway use diesel was 3.3 million gallons, which decreased 0.9 million gallons (21.7%) from the same month last year. Highway use diesel in June 2023 was mainly consumed in Honolulu (48.3%), followed by Hawaii County (29.0%), Maui County (14.9%), and Kauai County (7.9%).

Aviation Fuel Consumption:

In June 2023, data from the Department of Taxation showed statewide aviation fuel consumption was 24.9 million gallons, which decreased 2.2 million gallons (8.0%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (43.8%), Maui County (31.2%), Hawaii County (15.5%), and Kauai County (9.5%).

Registered Taxable Vehicles:

As of August 2023, there were 1,077,646 registered passenger vehicles in the state, an increase of 19,482 vehicles (1.8%) from the same month last year and an increase of 2,114 vehicles (0.2%) from July 2023. The number of passenger gasoline vehicles was 1,016,149, which was 94.3% of total passenger vehicles. It represents an increase of 11,388 vehicles (1.1%) from the same period last year, and an increase of 1,324 vehicles (0.1%) from July 2023.

In August 2023, the number of passenger electric vehicles in the state was 27,001, an increase of 6,317 vehicles (30.5%) from the same month last year, and an increase of 590 vehicles (2.2%) from July 2023. The number of passenger hybrid vehicles in the state in this month was 26,839, accounting for 2.5% of the total passenger vehicles. It represents an increase of 7.4% from the same month last year and an increase of 0.7% from July 2023.

In August 2023, there were 51,505 registered freight gasoline vehicles, a 2.1% increase from the same period last year, and a 0.2% increase from July 2023. The number of freight diesel vehicles in August 2023 was 23,923, a 0.2% increase from the same period last year, and a 0.1% increase from July 2023.

Monthly Energy Trend: State						
Month of Aug - 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	August 23	81.32	-11.1%	75.88	-24.1%
Europe Brent Spot Price	\$ per Barrel	August 23	86.15	-14.2%	80.59	-24.5%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	August 23	3.836	-3.2%	3.551	-14.1%
Gasoline -Mid Grade, National	\$ per Gallon	August 23	4.254	-3.4%	3.971	-12.1%
Gasoline -Premium, National	\$ per Gallon	August 23	4.586	-2.6%	4.297	-10.6%
Diesel, National	\$ per Gallon	August 23	4.300	-15.2%	4.223	-14.4%
Gasoline - Regular, State	\$ per Gallon	August 23	4.774	-11.0%	4.808	-5.9%
Gasoline -Mid Grade, State	\$ per Gallon	August 23	4.972	-10.8%	5.025	-5.4%
Gasoline -Premium, State	\$ per Gallon	August 23	5.227	-10.1%	5.278	-5.0%
Diesel, State	\$ per Gallon	August 23	5.702	-6.5%	5.867	5.3%
Fuel Surcharges						
Matson Navigation Company	Percentage	August 23	37.00%	-31.5%	43.50%	-2.0%
Foreign Imports						
Crude Oil	1000 Barrels	June 23	3,677	82.8%	12,661	26.5%
Distillate	1000 Barrels	June 23	6	N/A	172	-25.2%
Jet Fuel, Kerosene	1000 Barrels	June 23	1,046	6.3%	7,286	72.9%
Residual Fuel Oil	1000 Barrels	June 23	-	N/A	-	N/A
Propane	1000 Barrels	June 23	57	-41.2%	443	-0.9%
Fuel Ethanol	1000 Barrels	June 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 23	324	111.8%	2,204	0.7%
Liquid Fuel Tax Base						
Gasoline	Gallons	June 23	35,474,918	3.4%	214,200,951	3.5%
Diesel Oil (non-hwy)	Gallons	June 23	12,641,517	8.8%	78,600,673	2.2%
Diesel Oil (hwy use)	Gallons	June 23	3,342,690	-21.7%	21,518,134	-16.8%
LPG (off hwy)	Gallons	June 23	-	-	-	-
LPG (hwy use)	Gallons	June 23	65	-98.9%	1,394	-90.7%
Small Boat (gas)	Gallons	June 23	109,476	1.1%	609,474	-7.2%
Small Boat (diesel)	Gallons	June 23	250,116	-38.7%	1,358,569	-36.8%
Aviation Fuel	Gallons	June 23	24,887,466	-8.0%	152,103,430	-0.8%
Other Fuel	Gallons	June 23	2,650,064	29.8%	16,065,407	41.4%
Agricultural Refund	Gallons	June 23	256,425	81.8%	488,733	-55.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 23	27,001	30.5%	25,015	28.9%
Passenger, Diesel	Vehicle	August 23	7,345	-0.5%	7,359	-0.4%
Passenger, Gasoline	Vehicle	August 23	1,016,149	1.1%	1,012,846	1.0%
Passenger, Hybrid	Vehicle	August 23	26,839	7.4%	26,304	7.9%
Passenger, Misc Fuel	Vehicle	August 23	312	-10.3%	328	-16.7%
Freight, Electric	Vehicle	August 23	164	343.2%	116	256.2%
Freight, Diesel	Vehicle	August 23	23,923	0.2%	23,909	0.1%
Freight, Gasoline	Vehicle	August 23	51,505	2.1%	51,202	1.9%
Freight, Hybrid	Vehicle	August 23	176	58.6%	157	54.5%
Freight, Misc Fuel	Vehicle	August 23	29	-21.6%	31	-22.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 23	511,434	0.2%	511,492	0.4%
Residential	Consumers	June 23	446,562	0.4%	446,644	0.4%
Commercial	Consumers	June 23	60,291	-1.3%	60,243	0.0%
Street Lights	Consumers	June 23	4,581	-0.5%	4,606	0.2%
Electric Meters						
All sectors	Meters	June 23	510,331	0.3%	510,052	0.3%
Residential	Meters	June 23	446,572	0.4%	446,332	0.3%
Commercial	Meters	June 23	59,782	0.1%	59,744	0.1%
Street Lights	Meters	June 23	3,977	0.7%	3,977	0.9%
Electricity Sale (KWH sold)						
All Sectors	KWH	June 23	704,238,402	-2.0%	4,151,394,242	-1.3%
Residential	KWH	June 23	196,894,425	-6.8%	1,202,363,402	-3.5%
Commercial	KWH	June 23	505,365,185	-0.1%	2,936,432,711	-0.8%
Street Lights	KWH	June 23	1,978,792	11.9%	12,598,129	472.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	265,811,587	-9.9%	1,681,333,655	5.6%
Residential	Dollars	June 23	85,092,758	-11.6%	535,905,093	2.9%
Commercial	Dollars	June 23	179,914,771	-9.0%	1,139,961,027	6.8%
Street Lights	Dollars	June 23	804,057	-16.1%	5,467,535	85.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	37.74	-8.0%	40.50	7.1%
Residential	Cents/KWh	June 23	43.22	-5.2%	44.57	6.7%
Commercial	Cents/KWh	June 23	35.60	-9.0%	38.82	7.6%
Street Lights	Cents/KWh	June 23	40.63	-25.1%	43.40	-67.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	743,930,664	-2.0%	4,353,843,429	-1.7%
Electricity Generated at the Electric Utility Stations	KWH	June 23	481,802,368	17.5%	2,888,264,571	13.4%
- Generated by Steam	KWH	June 23	364,424,843	28.7%	2,144,912,667	19.5%
- Generated by Diesel	KWH	June 23	111,934,458	-7.5%	709,726,291	-1.3%
- Generated by Biodiesel	KWH	June 23	931,467	-36.6%	9,161,434	-2.7%
- Generated by Solar	KWH	June 23	3,768,627	5.4%	19,917,948	7.8%
- Generated by Hydro and Wind	KWH	June 23	742,973	-28.8%	4,546,230	-28.9%
Electricity Purchased from Independent Power Plant	KWH	June 23	291,293,276	-21.9%	1,635,870,149	-19.3%
Electricity Used by Electric Utility Stations	KWH	June 23	29,164,980	20.3%	170,291,237	15.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	608,384	29.4%	3,572,855	18.8%
Total Cost of Oil Consumed	Dollars	June 23	70,014,106	-0.9%	460,904,246	30.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	115.08	-23.4%	129.00	9.5%
Month-end price per barrel	Dollars	June 23	100.45	-25.5%	104.93	-5.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.201	-25.3%	0.229	8.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	203,700	0.9%	1,270,451	4.3%
Total Cost of Oil Consumed	Dollars	June 23	24,624,743	-23.9%	169,411,921	10.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	120.89	-24.6%	133.35	5.6%
Month-end price per barrel	Dollars	June 23	121.35	-32.1%	169.55	17.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.230	-17.9%	0.249	9.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	1,472	-36.1%	14,274	-3.3%
Total Cost of Oil Consumed	Dollars	June 23	244,299	-46.2%	2,618,746	0.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	165.96	-15.9%	183.46	3.4%
Month-end price per barrel	Dollars	June 23	141.65	-23.8%	165.98	-4.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.320	-8.6%	0.323	-5.4%

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 Aug - 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	August 23	4.649	-11.6%	4.709	-5.9%
Gasoline - Mid Grade	\$ per Gallon	August 23	4.891	-11.3%	4.958	-5.5%
Gasoline - Premium	\$ per Gallon	August 23	5.166	-10.6%	5.228	-5.2%
Diesel	\$ per Gallon	August 23	5.595	-6.4%	5.770	6.0%
Foreign Imports						
Crude Oil	1000 Barrels	June 23	3,677	82.8%	12,661	26.5%
Distillate	1000 Barrels	June 23	6	N/A	172	-25.2%
Jet Fuel, Kerosene	1000 Barrels	June 23	1,046	6.3%	7,286	72.9%
Residual Fuel Oil	1000 Barrels	June 23	-	N/A	-	N/A
Propane	1000 Barrels	June 23	10	N/A	10	-77.8%
Fuel Ethanol	1000 Barrels	June 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 23	324	111.8%	2,204	0.7%
Liquid Fuel Tax Base						
Gasoline	Gallons	June 23	20,979,311	5.3%	126,490,195	5.0%
Diesel Oil (non-hwy)	Gallons	June 23	5,642,980	35.8%	34,232,838	12.6%
Diesel Oil (hwy use)	Gallons	June 23	1,614,645	-35.9%	10,923,391	-29.4%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	June 23	65	-98.9%	1,171	-91.4%
Small Boat (gas)	Gallons	June 23	76,684	0.9%	415,670	-9.1%
Small Boat (diesel)	Gallons	June 23	250,116	-38.7%	1,358,569	-36.8%
Aviation Fuel	Gallons	June 23	10,907,114	-0.8%	64,370,551	3.0%
Other Fuel	Gallons	June 23	108,161	-7.9%	663,123	26.9%
Agricultural Refund	Gallons	June 23	230,492	148.8%	400,180	-32.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 23	20,611	28.4%	19,250	26.9%
Passenger, Diesel	Vehicle	August 23	2,283	-1.5%	2,305	-0.8%
Passenger, Gasoline	Vehicle	August 23	593,722	-0.4%	594,698	-0.2%
Passenger, Hybrid	Vehicle	August 23	18,751	7.7%	18,345	8.1%
Passenger, Misc Fuel	Vehicle	August 23	214	7.5%	219	-8.0%
Freight, Electric	Vehicle	August 23	113	242.4%	84	172.9%
Freight, Diesel	Vehicle	August 23	10,587	-1.0%	10,631	-1.1%
Freight, Gasoline	Vehicle	August 23	34,653	0.9%	34,617	1.0%
Freight, Hybrid	Vehicle	August 23	148	48.0%	135	48.0%
Freight, Misc Fuel	Vehicle	August 23	23	-23.3%	25	-22.8%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 23	309,265	0.2%	309,799	0.4%
Residential	Consumers	June 23	275,560	0.2%	276,167	0.4%
Commercial	Consumers	June 23	33,305	0.3%	33,207	0.0%
Street Lights	Consumers	June 23	400	-8.9%	426	-3.8%
Electric Meters						
All Sectors	Meters	June 23	308,780	0.2%	308,637	0.1%
Residential	Meters	June 23	275,568	0.2%	275,518	0.2%
Commercial	Meters	June 23	33,092	0.0%	32,999	-0.3%
Street Lights	Meters	June 23	120	2.6%	121	3.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 23	492,914,788	-2.2%	2,910,016,706	-1.5%
Residential	KWH	June 23	116,601,890	-8.9%	716,615,589	-4.5%
Commercial	KWH	June 23	375,034,368	0.0%	2,185,031,468	-0.9%
Street Lights	KWH	June 23	1,278,530	23.9%	8,369,649	-503.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	180,188,750	-8.1%	1,155,135,394	8.8%
Residential	Dollars	June 23	50,774,078	-9.8%	321,523,028	6.2%
Commercial	Dollars	June 23	128,924,271	-7.4%	830,117,480	9.5%
Street Lights	Dollars	June 23	490,401	-17.2%	3,494,886	254.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	36.56	-6.0%	39.70	10.4%
Residential	Cents/KWh	June 23	43.54	-1.0%	44.87	11.2%
Commercial	Cents/KWh	June 23	34.38	-7.4%	37.99	10.5%
Street Lights	Cents/KWh	June 23	38.36	-33.2%	41.76	-187.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	520,384,228	-2.1%	3,043,301,224	-1.9%
Electricity Generated at the Electric Utility Stations	KWH	June 23	360,267,479	31.5%	2,106,725,980	23.3%
- Generated by Steam	KWH	June 23	338,878,593	27.6%	1,981,554,647	21.8%
- Generated by Diesel	KWH	June 23	16,688,792	396.0%	96,091,950	79.0%
- Generated by Biodiesel	KWH	June 23	931,467	-36.6%	9,161,434	-2.7%
- Generated by Solar	KWH	June 23	3,768,627	5.4%	19,917,948	7.8%
- Generated by Hydro and Wind	KWH	June 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 23	183,939,504	-33.5%	1,074,483,747	-28.6%
Electricity Used by Electric Utility Stations	KWH	June 23	23,822,755	25.5%	137,908,503	21.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	552,512	28.1%	3,221,744	21.6%
Total Cost of Oil Consumed	Dollars	June 23	64,523,084	-2.3%	428,306,815	33.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	116.78	-23.7%	132.94	10.0%
Month-end price per barrel	Dollars	June 23	108.50	-33.3%	126.03	-3.3%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.200	-25.9%	0.232	9.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	47,111	455.5%	265,351	84.6%
Total Cost of Oil Consumed	Dollars	June 23	5,868,831	345.0%	36,321,873	126.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	124.57	-19.9%	136.88	22.6%
Month-end price per barrel	Dollars	June 23	110.79	-23.8%	315.35	154.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.380	-13.6%	0.410	17.7%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	1,472	-36.1%	14,274	-3.3%
Total Cost of Oil Consumed	Dollars	June 23	244,299	-46.2%	2,618,746	0.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	165.96	-15.9%	183.46	3.4%
Month-end price per barrel	Dollars	June 23	141.65	-23.8%	165.98	-4.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.320	-8.6%	0.323	-5.4%
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	August 23	0.21044	-20.5%	0.23344	8.0%

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 Aug - 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	August 23	4.831	-13.1%	4.869	-7.4%
Gasoline - Mid Grade	\$ per Gallon	August 23	5.085	-12.0%	5.099	-6.7%
Gasoline - Premium	\$ per Gallon	August 23	5.243	-9.6%	5.274	-6.2%
Diesel	\$ per Gallon	August 23	5.791	-6.6%	5.927	4.0%
Foreign Imports						
Crude Oil	1000 Barrels	June 23	-	N/A	-	N/A
Distillate	1000 Barrels	June 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June 23	-	N/A	-	N/A
Propane	1000 Barrels	June 23	16	-42.9%	162	37.3%
Fuel Ethanol	1000 Barrels	June 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 23	5,272,149	0.2%	31,767,433	1.2%
Diesel Oil (non-hwy)	Gallons	June 23	4,618,589	28.2%	27,737,412	8.8%
Diesel Oil (hwy use)	Gallons	June 23	497,162	3.7%	3,081,956	11.4%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	June 23	-	N/A	62	590.2%
Small Boat (gas)	Gallons	June 23	3,920	-9.5%	23,678	-35.6%
Small Boat (diesel)	Gallons	June 23	-	N/A	-	N/A
Aviation Fuel	Gallons	June 23	7,758,001	-13.3%	49,500,532	-4.8%
Other Fuel	Gallons	June 23	12,900	-54.7%	71,623	-49.5%
Agricultural Refund	Gallons	June 23	-	-100.0%	25,817	-93.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 23	3,359	38.6%	2,999	33.4%
Passenger, Diesel	Vehicle	August 23	1,371	-0.1%	1,359	-0.2%
Passenger, Gasoline	Vehicle	August 23	159,285	1.8%	158,706	2.1%
Passenger, Hybrid	Vehicle	August 23	3,751	10.2%	3,667	11.6%
Passenger, Misc Fuel	Vehicle	August 23	54	-45.5%	60	-43.7%
Freight, Electric	Vehicle	August 23	25	N/A	16	N/A
Freight, Diesel	Vehicle	August 23	3,816	2.0%	3,778	1.4%
Freight, Gasoline	Vehicle	August 23	7,330	6.2%	7,171	5.2%
Freight, Hybrid	Vehicle	August 23	18	260.0%	12	227.6%
Freight, Misc Fuel	Vehicle	August 23	4	0.0%	5	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 23	69,017	-1.1%	68,654	-0.4%
Residential	Consumers	June 23	59,123	0.4%	58,729	-0.3%
Commercial	Consumers	June 23	9,694	-9.1%	9,726	-1.1%
Street Lights	Consumers	June 23	200	-2.4%	200	-2.4%
Electric Meters						
All Sectors	Meters	June 23	68,808	0.4%	68,779	0.4%
Residential	Meters	June 23	59,124	0.4%	59,063	0.3%
Commercial	Meters	June 23	9,672	0.2%	9,704	0.6%
Street Lights	Meters	June 23	12	0.0%	12	1.4%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 23	83,433,708	-1.7%	487,155,255	-0.3%
Residential	KWH	June 23	29,000,422	-6.2%	177,616,289	-1.6%
Commercial	KWH	June 23	54,054,636	0.9%	307,253,887	0.4%
Street Lights	KWH	June 23	378,650	-8.0%	2,285,079	-1.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	33,902,368	-10.8%	205,906,217	3.1%
Residential	Dollars	June 23	12,429,599	-13.3%	77,582,184	2.1%
Commercial	Dollars	June 23	21,328,889	-9.2%	127,411,093	3.8%
Street Lights	Dollars	June 23	143,880	-17.4%	912,940	1.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	40.63	-9.2%	42.27	3.5%
Residential	Cents/KWh	June 23	42.86	-7.5%	43.68	3.8%
Commercial	Cents/KWh	June 23	39.46	-10.0%	41.47	3.3%
Street Lights	Cents/KWh	June 23	38.00	-10.3%	39.95	3.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	87,610,760	-0.8%	510,171,360	-0.8%
Electricity Generated at the Electric Utility Stations	KWH	June 23	67,459,140	2.2%	430,395,730	0.9%
- Generated by Steam	KWH	June 23	11,756,024	11.4%	83,882,638	-3.3%
- Generated by Diesel	KWH	June 23	55,703,116	0.4%	346,513,092	2.0%
- Generated by Hydro and Wind	KWH	June 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 23	23,239,974	-8.1%	98,631,258	-7.7%
Electricity Used by Electric Utility Stations	KWH	June 23	3,088,354	3.2%	18,855,628	-1.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	27,618	12.6%	188,555	-3.4%
Total Cost of Oil Consumed	Dollars	June 23	2,655,917	-5.7%	16,810,323	-8.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	96.17	-16.2%	89.15	-4.9%
Month-end price per barrel	Dollars	June 23	92.51	-21.9%	91.96	-9.1%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.230	-14.8%	0.202	-6.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	88,144	3.2%	538,451	3.0%
Total Cost of Oil Consumed	Dollars	June 23	10,587,395	-26.6%	73,053,223	9.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	120.11	-28.9%	135.67	5.8%
Month-end price per barrel	Dollars	June 23	114.56	-31.2%	129.89	-6.4%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.190	-26.9%	0.210	5.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	-	N/A	-	N/A
Month-end price per barrel	Dollars	June 23	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	August 23	0.21982	-27.2%	0.24063	-4.1%

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 Aug - 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	June 23	1,758	0.5%	1,757	0.3%
Residential	Consumers	June 23	1,491	0.1%	1,490	-0.2%
Commercial	Consumers	June 23	263	2.7%	263	2.7%
Street Lights	Consumers	June 23	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	June 23	1,761	0.5%	1,760	0.2%
Residential	Meters	June 23	1,491	0.1%	1,490	-0.2%
Commercial	Meters	June 23	269	2.7%	269	2.7%
Street Lights	Meters	June 23	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 23	2,745,242	-7.1%	16,442,085	-3.6%
Residential	KWH	June 23	648,748	-8.9%	4,204,643	-1.3%
Commercial	KWH	June 23	2,085,954	-6.6%	12,174,235	-4.4%
Street Lights	KWH	June 23	10,540	0.6%	63,207	-0.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	1,385,754	-21.3%	8,620,897	-3.0%
Residential	Dollars	June 23	329,761	-22.5%	2,201,349	-0.2%
Commercial	Dollars	June 23	1,050,751	-20.9%	6,386,891	-4.0%
Street Lights	Dollars	June 23	5,242	-15.9%	32,657	0.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	50.48	-15.2%	52.43	0.6%
Residential	Cents/KWh	June 23	50.83	-14.9%	52.36	1.1%
Commercial	Cents/KWh	June 23	50.37	-15.3%	52.46	0.4%
Street Lights	Cents/KWh	June 23	49.73	-16.4%	51.67	0.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	2,878,348	-5.2%	17,148,814	-3.8%
Electricity Generated at the Electric Utility Stations	KWH	June 23	2,951,110	-4.3%	17,611,704	-2.7%
- Generated by Steam	KWH	June 23	-	N/A	-	N/A
- Generated by Diesel	KWH	June 23	2,951,110	-4.3%	17,611,704	-2.7%
- Generated by Hydro and Wind	KWH	June 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 23	-	-100.0%	-	-100.0%
Electricity Used by Electric Utility Stations	KWH	June 23	72,762	-8.0%	462,890	-2.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	5,218	-1.3%	30,817	-0.5%
Total Cost of Oil Consumed	Dollars	June 23	811,672	-25.9%	5,041,741	-2.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	155.55	-24.9%	163.60	-1.6%
Month-end price per barrel	Dollars	June 23	140.42	-34.6%	160.21	-10.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.270	-22.9%	0.287	1.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	August 23	0.27992	-35.0%	0.32091	-10.4%

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 Aug - 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	June 23	3,290	0.3%	3,287	0.2%
Residential	Consumers	June 23	2,747	0.5%	2,743	0.3%
Commercial	Consumers	June 23	534	-0.7%	536	-0.6%
Street Lights	Consumers	June 23	9	0.0%	9	0.0%
Electric Meters						
All Sectors	Meters	June 23	3,276	0.3%	3,273	0.2%
Residential	Meters	June 23	2,747	0.5%	2,743	0.3%
Commercial	Meters	June 23	529	-0.8%	531	-0.7%
Street Lights	Meters	June 23	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 23	2,316,543	0.3%	13,342,571	-4.1%
Residential	KWH	June 23	889,720	-0.1%	5,395,969	-2.4%
Commercial	KWH	June 23	1,392,218	0.8%	7,724,469	-5.4%
Street Lights	KWH	June 23	34,605	-6.5%	222,133	-1.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	1,154,431	-10.3%	7,008,362	5.2%
Residential	Dollars	June 23	459,134	-10.3%	2,883,701	6.5%
Commercial	Dollars	June 23	678,866	-10.1%	4,013,456	4.1%
Street Lights	Dollars	June 23	16,431	-16.5%	111,205	8.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	49.83	-10.6%	52.53	9.7%
Residential	Cents/KWh	June 23	51.60	-10.2%	53.44	9.2%
Commercial	Cents/KWh	June 23	48.76	-10.8%	51.96	10.1%
Street Lights	Cents/KWh	June 23	47.48	-10.7%	50.06	9.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	2,517,575	-2.9%	14,701,326	-4.5%
Electricity Generated at the Electric Utility Stations	KWH	June 23	2,616,280	-2.9%	15,318,400	-4.4%
- Generated by Steam	KWH	June 23	-	N/A	-	N/A
- Generated by Diesel	KWH	June 23	2,616,280	-2.9%	15,318,400	-4.4%
- Generated by Hydro and Wind	KWH	June 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 23	395	-664.3%	2,520	9.0%
Electricity Used by Electric Utility Stations	KWH	June 23	99,100	-0.5%	619,540	0.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	4,538	0.4%	26,365	-2.4%
Total Cost of Oil Consumed	Dollars	June 23	597,794	-18.9%	3,819,823	11.4%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	131.73	-19.3%	144.88	14.2%
Month-end price per barrel	Dollars	June 23	114.53	-39.8%	137.56	-2.2%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.230	-14.8%	0.248	16.4%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	August 23	0.24734	-39.2%	0.29316	-2.3%

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
 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 Aug - 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	August 23	4.871	-8.9%	4.826	-6.0%
Gasoline - Mid Grade	\$ per Gallon	August 23	5.081	-9.0%	5.034	-5.8%
Gasoline - Premium	\$ per Gallon	August 23	5.349	-9.4%	5.311	-6.1%
Diesel	\$ per Gallon	August 23	5.760	-7.1%	5.941	4.6%
Foreign Imports						
Crude Oil	1000 Barrels	June 23	-	N/A	-	N/A
Distillate	1000 Barrels	June 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June 23	-	N/A	-	N/A
Propane	1000 Barrels	June 23	14	-56.3%	119	-26.5%
Fuel Ethanol	1000 Barrels	June 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June 23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 23	6,731,213	2.2%	41,260,820	1.4%
Diesel Oil (non-hwy)	Gallons	June 23	1,676,412	-45.9%	12,641,318	-25.9%
Diesel Oil (hwy use)	Gallons	June 23	967,765	-3.9%	6,028,979	-1.4%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	June 23	-	-100.0%	161	-79.7%
Small Boat (gas)	Gallons	June 23	28,872	3.4%	170,126	4.8%
Small Boat (diesel)	Gallons	June 23	-	N/A	-	N/A
Aviation Fuel	Gallons	June 23	3,847,092	-13.6%	24,867,389	4.3%
Other Fuel	Gallons	June 23	1,443,609	84.0%	8,790,409	77.0%
Agricultural Refund	Gallons	June 23	25,933	-17.3%	60,140	-44.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August 23	2,238	42.1%	2,025	42.5%
Passenger, Diesel	Vehicle	August 23	2,805	0.2%	2,809	0.2%
Passenger, Gasoline	Vehicle	August 23	185,651	3.6%	183,553	3.0%
Passenger, Hybrid	Vehicle	August 23	3,284	4.7%	3,237	4.9%
Passenger, Misc Fuel	Vehicle	August 23	39	-9.3%	44	4.7%
Freight, Electric	Vehicle	August 23	16	433.3%	11	1580.0%
Freight, Diesel	Vehicle	August 23	7,222	1.3%	7,200	1.6%
Freight, Gasoline	Vehicle	August 23	7,393	3.9%	7,297	2.7%
Freight, Hybrid	Vehicle	August 23	10	66.7%	10	71.7%
Freight, Misc Fuel	Vehicle	August 23	1	-50.0%	1	-57.9%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 23	89,152	0.8%	89,052	0.8%
Residential	Consumers	June 23	77,625	1.0%	77,505	0.9%
Commercial	Consumers	June 23	11,365	0.1%	11,386	0.4%
Street Lights	Consumers	June 23	162	-0.6%	162	-1.5%
Electric Meters						
All Sectors	Meters	June 23	88,754	0.8%	88,660	0.8%
Residential	Meters	June 23	77,626	0.9%	77,508	0.9%
Commercial	Meters	June 23	11,090	0.0%	11,114	0.2%
Street Lights	Meters	June 23	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 23	83,885,779	-2.0%	503,607,681	-2.1%
Residential	KWH	June 23	33,671,408	-2.9%	207,050,609	-3.5%
Commercial	KWH	June 23	49,995,788	-1.4%	295,245,783	-1.2%
Street Lights	KWH	June 23	218,583	2.4%	1,311,289	2.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 23	35,593,424	-16.6%	223,850,567	-2.7%
Residential	Dollars	June 23	15,296,149	-16.1%	97,189,549	-3.7%
Commercial	Dollars	June 23	20,204,281	-17.0%	126,079,860	-1.9%
Street Lights	Dollars	June 23	92,994	-12.8%	581,158	1.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 23	42.43	-14.9%	44.45	-0.6%
Residential	Cents/KWh	June 23	45.43	-13.6%	46.94	-0.2%
Commercial	Cents/KWh	June 23	40.41	-15.8%	42.70	-0.7%
Street Lights	Cents/KWh	June 23	42.54	-14.9%	44.32	-1.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 23	89,459,133	-1.7%	536,191,769	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	June 23	32,585,497	-28.7%	212,594,959	-24.9%
- Generated by Steam	KWH	June 23	13,790,226	100.0%	79,475,382	-2.0%
- Generated by Diesel	KWH	June 23	18,361,913	-51.8%	129,678,419	-34.4%
- Generated by Hydro and Wind	KWH	June 23	433,358	-38.6%	3,441,158	-19.9%
Electricity Purchased from Independent Power Plant	KWH	June 23	58,623,983	25.1%	333,830,773	21.2%
Electricity Used by Electric Utility Stations	KWH	June 23	1,750,347	12.3%	10,233,963	-10.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	28,254	96.2%	162,556	-1.1%
Total Cost of Oil Consumed	Dollars	June 23	2,835,105	59.2%	15,787,108	-1.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	100.34	-18.8%	97.12	-0.1%
Month-end price per barrel	Dollars	June 23	100.33	-18.8%	96.80	-2.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.210	-19.2%	0.200	-1.6%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 23	30,105	-54.3%	223,797	-31.3%
Total Cost of Oil Consumed	Dollars	June 23	4,025,520	-62.0%	32,444,367	-23.4%
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	133.72	-16.8%	144.97	11.5%
Month-end price per barrel	Dollars	June 23	129.67	-17.9%	139.56	11.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.270	-15.6%	0.302	16.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 23	0	N/A	45,078	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 23	0.00	N/A	45,078.00	N/A
Month-end price per barrel	Dollars	June 23	0.00	N/A	45,078.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 23	0.000	N/A	45,078.000	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	August 23	0.20002	-34.4%	0.22818	-12.7%

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: Kauai Month of Aug - 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	August-23	5.274	-7.5%	5.276	-2.0%
Gasoline - Mid Grade	\$ per Gallon	August-23	5.582	-7.2%	5.614	0.0%
Gasoline - Premium	\$ per Gallon	August-23	5.740	-6.2%	5.787	0.7%
Diesel	\$ per Gallon	August-23	6.384	-4.1%	6.533	9.1%
Foreign Imports						
Crude Oil	1000 Barrels	June-23	-	N/A	-	N/A
Distillate	1000 Barrels	June-23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	June-23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	June-23	-	N/A	-	N/A
Propane	1000 Barrels	June-23	17	-54.1%	152	24.6%
Fuel Ethanol	1000 Barrels	June-23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	June-23	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	June 23	2,492,245	-1.9%	14,682,503	1.7%
Diesel Oil (non-hwy)	Gallons	June 23	703,536	-6.6%	3,989,105	0.9%
Diesel Oil (hwy use)	Gallons	June 23	263,118	-0.5%	1,483,808	-2.3%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	June 23	-	-100.0%	-	-100.0%
Small Boat (gas)	Gallons	June 23	-	N/A	-	N/A
Small Boat (diesel)	Gallons	June 23	-	N/A	-	N/A
Aviation Fuel	Gallons	June 23	2,375,259	-10.8%	13,364,958	-10.9%
Other Fuel	Gallons	June 23	1,085,394	-2.3%	6,540,252	14.1%
Agricultural Refund	Gallons	June 23	-	-100.0%	2,596	-87.8%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	August-23	793	26.3%	742	27.5%
Passenger, Diesel	Vehicle	August-23	886	-0.9%	885	-1.7%
Passenger, Gasoline	Vehicle	August-23	77,491	6.0%	75,890	4.1%
Passenger, Hybrid	Vehicle	August-23	1,053	1.2%	1,055	1.4%
Passenger, Misc Fuel	Vehicle	August-23	5	-28.6%	5	-34.5%
Freight, Electric	Vehicle	August-23	10	900.0%	5	400.0%
Freight, Diesel	Vehicle	August-23	2,298	-0.8%	2,301	-0.6%
Freight, Gasoline	Vehicle	August-23	2,129	2.0%	2,116	2.9%
Freight, Hybrid	Vehicle	August-23	-	N/A	-	-100.0%
Freight, Misc Fuel	Vehicle	August-23	1	0.0%	1	-25.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	July-23	38,956	0.3%	38,944	0.5%
Residential	Consumers	July-23	30,009	0.2%	30,010	0.3%
Commercial	Consumers	July-23	5,141	0.8%	5,129	1.2%
Street Lights	Consumers	July-23	3,806	0.6%	3,805	0.8%
Electric Meters						
All Sectors	Meters	July-23	38,956	0.3%	38,944	0.5%
Residential	Meters	July-23	30,009	0.2%	30,010	0.3%
Commercial	Meters	July-23	5,141	0.8%	5,129	1.2%
Street Lights	Meters	July-23	3,806	0.6%	3,805	0.8%
Electricity Sale (KWH Sold)						
All Sectors	KWH	July-23	41,736,005	2.2%	262,565,949	0.9%
Residential	KWH	July-23	17,538,957	1.9%	109,019,260	0.2%
Commercial	KWH	July-23	24,139,164	2.6%	153,142,033	1.3%
Street Lights	KWH	July-23	57,884	-9.2%	404,656	-9.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	July-23	14,128,779	-11.2%	94,940,997	-5.3%
Residential	Dollars	July-23	6,153,191	-10.9%	40,678,473	-5.6%
Commercial	Dollars	July-23	7,921,221	-11.4%	53,873,468	-5.1%
Street Lights	Dollars	July-23	54,366	-8.9%	389,056	-5.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	July-23	33.85	-13.1%	36.16	-6.1%
Residential	Cents/KWh	July-23	35.08	-12.5%	37.31	-5.9%
Commercial	Cents/KWh	July-23	32.81	-13.6%	35.18	-6.3%
Street Lights	Cents/KWh	July-23	93.92	0.3%	96.14	3.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	July-23	43,681,070	5.0%	276,010,006	0.9%
Electricity Generated at the Electric Utility Stations	KWH	July-23	19,242,456	-0.6%	124,860,254	8.3%
- Generated by Steam	KWH	July-23	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	July-23	18,968,774	0.0%	123,481,500	9.4%
- Generated by Hydro and Wind	KWH	July-23	273,682	-32.3%	1,378,754	-45.0%
Electricity Purchased from Independent Power Plant	KWH	July-23	24,892,672	9.3%	153,814,523	-4.8%
Electricity Used by Electric Utility Stations	KWH	July-23	454,058	-14.2%	2,664,771	-20.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	July-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	July-23	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	July-23	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	July-23	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	July-23	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	July-23	34,035	1.1%	219,705	9.2%
Total Cost of Oil Consumed	Dollars	July-23	2,651,718	-38.9%	21,382,612	-11.5%
Ave Cost/Bbl of Oil Consumed	Dollars	July-23	77.91	-39.6%	97.32	-18.9%
Month-end price per barrel	Dollars	July-23	116.47	-44.8%	132.12	-19.7%
Cost of Oil/KWH Generated	Dollar/KWH	July-23	0.140	-39.0%	0.173	-18.4%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	August-23	-0.01093	-140.0%	0.00620	-70.9%

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
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