

MONTHLY ENERGY TREND HIGHLIGHTS

February 2023 Highlights

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Crude Oil Prices:

In February 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 \$76.83 per barrel in February 2023 which was down \$14.90 (16.2%) per barrel from the same month last year. Compared to January 2023, it was a decrease of \$1.50 (1.9%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.5 million barrels of foreign crude oil in December 2022. This was a decrease of 0.1 million barrels (8.3%) from the same month last year. Compared to November 2022, it was a decrease of 1.4 million barrels (47.9%).

Gasoline Prices:

In February 2023, the regular gasoline price in Hawaii averaged \$4.891 per gallon, which was \$1.473 per gallon (43.1%) higher than the national average for the same month.

Hawaii's regular gasoline price in February 2023 was an increase of 40.8 cents per gallon (9.1%) from the same month last year, but a decrease of 8.8 cents per gallon (1.8%) from January 2023.

The national average price for regular gasoline in February 2023 was \$3.418 per gallon, a decrease of 9.2 cents per gallon (2.6%) from the same month last year, but an increase of 5.9 cents per gallon (1.8%) from January 2023.

The average prices of regular gasoline within the State in February 2023 were as follows: Kauai, \$5.346; Wailuku, \$4.932; Hilo, \$4.872; and Oahu, \$4.805.

Diesel Fuel Prices:

The national average price for diesel in February 2023 was \$4.529 per gallon which was an increase of 62.3 cents (16.0%) from the same month a year ago, but a decrease of 11.6 cents (2.5%) from January 2023.

Hawaii's average price for diesel in February 2023 was \$6.036 per gallon which increased \$1.249 (26.1%) per gallon from the same month last year but decreased 2.0 cents per gallon (0.3%) from January 2023. Hawaii's diesel price was \$1.507 per gallon (33.3%) higher than the national average.

In February 2023, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.627; Hilo, \$6.148; Wailuku, \$6.095; and Oahu, \$5.912.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in December 2022, as measured by the gasoline tax base, was 35.8 million gallons, which increased 0.5 million gallons (1.4%) from the same month a year ago. Gasoline in December 2022 was mainly consumed in Honolulu (58.8%), followed by Hawaii County (19.7%), Maui County (14.8%), and Kauai County (6.7%).

Highway Diesel Fuel Consumption:

Hawaii's December 2022 consumption for highway use diesel was 3.3 million gallons, which decreased 0.6 million gallons (16.0%) from the same month last year. Highway use diesel in December 2022 was mainly consumed in Honolulu (50.5%), followed by Hawaii County (28.9%), Maui County (13.5%), and Kauai County (7.1%).

Aviation Fuel Consumption:

In December 2022, data from the Department of Taxation showed statewide aviation fuel consumption was 27.1 million gallons, which decreased 0.2 million gallons (0.8%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (38.6%), Maui County (34.0%), Hawaii County (18.5%), and Kauai County (9.0%).

Registered Taxable Vehicles:

As of February 2023, there were 1,068,071 registered passenger vehicles in the state, an increase of 16,934 vehicles (1.6%) from the same month last year and an increase of 2,542 vehicles (0.2%) from January 2023. The number of passenger gasoline vehicles was 1,010,989, which was 94.7% of total passenger vehicles. It represents an increase of 10,177 vehicles (1.0%) from the same period last year, and an increase of 1,756 vehicles (0.2%) from January 2023.

In February 2023, the number of passenger electric vehicles in the state was 23,450, an increase of 4,833 vehicles (26.0%) from the same month last year, and an increase of 644 vehicles (2.8%) from January 2023. The number of passenger hybrid vehicles in the state in this month was 25,925, accounting for 2.4% of the total passenger vehicles. It represents an increase of 8.6% from the same month last year and an increase of 0.5% from January 2023.

In February 2023, there were 50,920 registered freight gasoline vehicles, a 1.5% increase from the same period last year, and a 0.3% increase from January 2023. The number of freight diesel vehicles in February 2023 was 23,919, a 0.3% increase from the same period last year, and a 0.1% increase from January 2023.

Monthly Energy Trend: State						
Month of Feb - 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	February 23	76.83	-16.2%	77.59	-11.2%
Europe Brent Spot Price	\$ per Barrel	February 23	82.61	-14.9%	82.56	-10.1%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	February 23	3.418	-2.6%	3.388	-0.8%
Gasoline -Mid Grade, National	\$ per Gallon	February 23	3.843	-0.2%	3.804	1.1%
Gasoline -Premium, National	\$ per Gallon	February 23	4.163	1.0%	4.126	2.2%
Diesel, National	\$ per Gallon	February 23	4.529	16.0%	4.587	21.7%
Gasoline - Regular, State	\$ per Gallon	February 23	4.891	9.1%	4.935	11.8%
Gasoline -Mid Grade, State	\$ per Gallon	February 23	5.120	9.2%	5.168	11.8%
Gasoline -Premium, State	\$ per Gallon	February 23	5.364	8.7%	5.408	11.2%
Diesel, State	\$ per Gallon	February 23	6.036	26.1%	6.046	27.7%
Fuel Surcharges						
Matson Navigation Company	Percentage	February 23	47.29%	22.8%	47.64%	23.7%
Foreign Imports						
Crude Oil	1000 Barrels	December 22	1,523	-8.3%	23,642	-5.4%
Distillate	1000 Barrels	December 22	-	-100.0%	397	274.5%
Jet Fuel, Kerosene	1000 Barrels	December 22	1,239	0.6%	9,657	51.5%
Residual Fuel Oil	1000 Barrels	December 22	-	N/A	-	N/A
Propane	1000 Barrels	December 22	55	-19.1%	847	1.7%
Fuel Ethanol	1000 Barrels	December 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	December 22	300	10.3%	4,812	20.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	December 22	35,849,630	1.4%	420,308,891	0.8%
Diesel Oil (non-hwy)	Gallons	December 22	13,993,800	5.6%	157,721,859	17.9%
Diesel Oil (hwy use)	Gallons	December 22	3,250,248	-16.0%	51,972,169	13.6%
LPG (off hwy)	Gallons	December 22				
LPG (hwy use)	Gallons	December 22	331	-75.5%	18,899	-6.1%
Small Boat (gas)	Gallons	December 22	99,112	-5.9%	1,271,597	59.4%
Small Boat (diesel)	Gallons	December 22	318,419	-13.4%	4,320,494	-13.7%
Aviation Fuel	Gallons	December 22	27,059,929	-0.8%	307,827,639	13.6%
Other Fuel	Gallons	December 22	2,570,743	5.9%	27,298,935	5.6%
Agricultural Refund	Gallons	December 22	106,005	92.0%	1,310,652	148.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	February 23	23,450	26.0%	23,128	26.1%
Passenger, Diesel	Vehicle	February 23	7,376	-0.1%	7,362	-0.4%
Passenger, Gasoline	Vehicle	February 23	1,010,989	1.0%	1,010,111	0.9%
Passenger, Hybrid	Vehicle	February 23	25,925	8.6%	25,866	8.6%
Passenger, Misc Fuel	Vehicle	February 23	331	-26.1%	333	-26.5%
Freight, Electric	Vehicle	February 23	87	190.0%	78	162.7%
Freight, Diesel	Vehicle	February 23	23,919	0.3%	23,905	0.2%
Freight, Gasoline	Vehicle	February 23	50,920	1.5%	50,851	1.4%
Freight, Hybrid	Vehicle	February 23	141	54.9%	140	61.8%
Freight, Misc Fuel	Vehicle	February 23	32	-23.8%	33	-25.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 22	508,566	-0.1%	509,653	0.3%
Residential	Consumers	December 22	443,737	-0.2%	444,846	0.3%
Commercial	Consumers	December 22	60,226	0.2%	60,206	0.5%
Street Lights	Consumers	December 22	4,603	0.1%	4,601	0.2%
Electric Meters						
All sectors	Meters	December 22	507,448	-0.2%	508,521	0.3%
Residential	Meters	December 22	443,750	-0.2%	444,877	0.3%
Commercial	Meters	December 22	59,737	0.0%	59,694	0.2%
Street Lights	Meters	December 22	3,961	0.6%	3,950	0.3%
Electricity Sale (KWH sold)						
All Sectors	KWH	December 22	732,120,518	-1.3%	8,814,221,911	1.4%
Residential	KWH	December 22	221,245,381	-8.2%	2,607,152,629	-2.6%
Commercial	KWH	December 22	508,795,298	2.0%	6,192,062,316	3.3%
Street Lights	KWH	December 22	2,079,839	-11.9%	15,006,966	-36.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	312,006,216	25.0%	3,541,686,041	33.0%
Residential	Dollars	December 22	100,491,385	15.7%	1,145,439,932	25.7%
Commercial	Dollars	December 22	210,557,339	30.1%	2,387,668,507	37.0%
Street Lights	Dollars	December 22	957,492	8.8%	8,577,601	1.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	42.62	26.7%	40.18	31.3%
Residential	Cents/KWh	December 22	45.42	26.0%	43.93	29.1%
Commercial	Cents/KWh	December 22	41.38	27.5%	38.56	32.7%
Street Lights	Cents/KWh	December 22	46.04	23.5%	57.16	58.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	772,536,505	-0.9%	9,246,417,338	1.5%
Electricity Generated at the Electric Utility Stations	KWH	December 22	512,817,232	21.9%	5,540,586,900	11.2%
- Generated by Steam	KWH	December 22	379,201,292	28.9%	3,958,729,738	12.1%
- Generated by Diesel	KWH	December 22	128,420,093	6.6%	1,515,692,462	10.5%
- Generated by Biodiesel	KWH	December 22	1,027,542	-49.8%	18,493,078	-30.3%
- Generated by Solar	KWH	December 22	2,817,617	20.9%	38,451,958	2.0%
- Generated by Hydro and Wind	KWH	December 22	1,350,688	-12.1%	10,219,665	-16.3%
Electricity Purchased from Independent Power Plant	KWH	December 22	289,059,994	-24.4%	4,020,354,927	-9.2%
Electricity Used by Electric Utility Stations	KWH	December 22	29,340,721	28.2%	314,524,489	7.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	627,820	26.5%	6,624,244	12.0%
Total Cost of Oil Consumed	Dollars	December 22	92,048,514	87.0%	925,482,359	97.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	146.62	47.8%	139.71	76.1%
Month-end price per barrel	Dollars	December 22	106.08	15.0%	115.06	51.3%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.261	44.4%	0.247	73.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	230,163	3.9%	2,674,493	10.5%
Total Cost of Oil Consumed	Dollars	December 22	34,609,708	43.3%	379,326,823	81.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	150.37	37.9%	141.83	64.0%
Month-end price per barrel	Dollars	December 22	157.15	38.3%	155.81	63.8%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.280	38.9%	0.259	66.1%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	1,616	-49.8%	29,034	-30.3%
Total Cost of Oil Consumed	Dollars	December 22	312,692	-37.9%	5,439,370	-220.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	193.50	23.7%	187.34	-272.8%
Month-end price per barrel	Dollars	December 22	173.21	14.2%	179.14	256.9%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.370	37.0%	0.350	-337.3%

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: Oahu Month of Feb - 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	February 23	4.805	9.5%	4.862	12.7%
Gasoline - Mid Grade	\$ per Gallon	February 23	5.056	9.4%	5.117	12.3%
Gasoline - Premium	\$ per Gallon	February 23	5.324	8.8%	5.379	11.6%
Diesel	\$ per Gallon	February 23	5.912	26.0%	5.928	27.5%
Foreign Imports						
Crude Oil	1000 Barrels	December 22	1,523	-8.3%	23,642	-5.4%
Distillate	1000 Barrels	December 22	-	-100.0%	397	274.5%
Jet Fuel, Kerosene	1000 Barrels	December 22	1,239	0.6%	9,657	51.5%
Residual Fuel Oil	1000 Barrels	December 22	-	N/A	-	N/A
Propane	1000 Barrels	December 22	-	N/A	45	60.7%
Fuel Ethanol	1000 Barrels	December 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	December 22	300	10.3%	4,812	20.8%
Liquid Fuel Tax Base						
Gasoline	Gallons	December 22	21,064,544	1.7%	244,951,845	-1.8%
Diesel Oil (non-hwy)	Gallons	December 22	5,962,696	13.4%	62,644,725	39.0%
Diesel Oil (hwy use)	Gallons	December 22	1,642,021	-26.4%	30,827,810	30.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	December 22	303	-76.4%	16,901	-9.7%
Small Boat (gas)	Gallons	December 22	67,900	0.6%	884,242	123.0%
Small Boat (diesel)	Gallons	December 22	318,419	-13.4%	4,320,494	-13.7%
Aviation Fuel	Gallons	December 22	10,432,058	-1.6%	126,618,647	19.7%
Other Fuel	Gallons	December 22	107,504	-9.7%	1,196,347	-12.7%
Agricultural Refund	Gallons	December 22	80,668	208.0%	695,571	118.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	February 23	18,070	23.6%	17,849	23.9%
Passenger, Diesel	Vehicle	February 23	2,327	-0.3%	2,320	-1.0%
Passenger, Gasoline	Vehicle	February 23	595,119	-0.1%	595,258	-0.1%
Passenger, Hybrid	Vehicle	February 23	18,052	8.7%	18,013	8.9%
Passenger, Misc Fuel	Vehicle	February 23	215	-25.3%	215	-26.8%
Freight, Electric	Vehicle	February 23	67	131.0%	61	112.3%
Freight, Diesel	Vehicle	February 23	10,666	-1.2%	10,671	-1.3%
Freight, Gasoline	Vehicle	February 23	34,507	0.7%	34,470	0.6%
Freight, Hybrid	Vehicle	February 23	123	53.8%	123	58.7%
Freight, Misc Fuel	Vehicle	February 23	25	-24.2%	26	-26.1%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 22	306,978	-0.6%	308,485	0.1%
Residential	Consumers	December 22	273,352	-0.6%	274,845	0.1%
Commercial	Consumers	December 22	33,191	-0.3%	33,201	0.0%
Street Lights	Consumers	December 22	435	-1.8%	439	-0.7%
Electric Meters						
All Sectors	Meters	December 22	306,471	-0.6%	308,050	0.1%
Residential	Meters	December 22	273,361	-0.6%	274,880	0.2%
Commercial	Meters	December 22	32,991	-0.6%	33,052	-0.2%
Street Lights	Meters	December 22	119	0.8%	118	-0.6%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 22	514,398,663	-1.0%	6,213,010,219	0.7%
Residential	KWH	December 22	133,391,914	-9.6%	1,583,392,211	-4.0%
Commercial	KWH	December 22	379,601,193	2.5%	4,622,984,306	2.6%
Street Lights	KWH	December 22	1,405,556	-13.6%	6,633,702	-56.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	219,621,018	31.1%	2,422,231,963	36.7%
Residential	Dollars	December 22	62,262,985	20.7%	687,629,330	28.3%
Commercial	Dollars	December 22	156,720,986	35.8%	1,729,981,541	40.5%
Street Lights	Dollars	December 22	637,047	9.5%	4,621,092	-11.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	42.69	32.4%	38.99	35.7%
Residential	Cents/KWh	December 22	46.68	33.5%	43.43	33.7%
Commercial	Cents/KWh	December 22	41.29	32.5%	37.42	36.9%
Street Lights	Cents/KWh	December 22	45.32	26.6%	69.66	102.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	541,538,208	-0.8%	6,495,138,892	0.9%
Electricity Generated at the Electric Utility Stations	KWH	December 22	366,856,718	29.9%	3,829,991,662	13.0%
- Generated by Steam	KWH	December 22	347,256,105	30.7%	3,608,531,392	12.9%
- Generated by Diesel	KWH	December 22	15,755,454	26.9%	164,515,235	27.2%
- Generated by Biodiesel	KWH	December 22	1,027,542	-49.8%	18,493,078	-30.3%
- Generated by Solar	KWH	December 22	2,817,617	20.9%	38,451,958	2.0%
- Generated by Hydro and Wind	KWH	December 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 22	198,009,837	-29.4%	2,910,171,842	-11.0%
Electricity Used by Electric Utility Stations	KWH	December 22	23,328,347	37.2%	245,024,612	9.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	559,876	28.7%	5,877,430	13.2%
Total Cost of Oil Consumed	Dollars	December 22	86,424,239	97.5%	852,311,917	104.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	154.36	53.4%	145.01	80.4%
Month-end price per barrel	Dollars	December 22	149.96	48.0%	146.22	76.0%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.270	50.0%	0.250	77.5%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	43,004	-2.8%	439,187	20.0%
Total Cost of Oil Consumed	Dollars	December 22	7,032,151	53.8%	60,049,276	100.1%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	163.52	58.3%	136.73	66.8%
Month-end price per barrel	Dollars	December 22	147.52	45.7%	135.05	67.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.460	48.4%	0.379	64.9%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	1,616	-49.8%	29,034	-30.3%
Total Cost of Oil Consumed	Dollars	December 22	312,692	-37.9%	5,439,370	-220.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	193.50	23.7%	187.34	-272.8%
Month-end price per barrel	Dollars	December 22	173.21	14.2%	179.14	256.9%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.370	37.0%	0.350	-337.3%
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	February 23	0.25953	46.2%	0.26608	55.5%

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 Feb - 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	February 23	4.932	6.6%	4.962	8.5%
Gasoline - Mid Grade	\$ per Gallon	February 23	5.154	6.6%	5.178	8.4%
Gasoline - Premium	\$ per Gallon	February 23	5.306	5.6%	5.314	7.0%
Diesel	\$ per Gallon	February 23	6.095	24.9%	6.135	27.0%
Foreign Imports						
Crude Oil	1000 Barrels	December 22	-	N/A	-	N/A
Distillate	1000 Barrels	December 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	December 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	December 22	-	N/A	-	N/A
Propane	1000 Barrels	December 22	16	-40.7%	274	-17.7%
Fuel Ethanol	1000 Barrels	December 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	December 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	December 22	5,318,221	1.0%	63,743,051	2.9%
Diesel Oil (non-hwy)	Gallons	December 22	4,638,703	-13.4%	53,299,192	2.2%
Diesel Oil (hwy use)	Gallons	December 22	437,387	-7.0%	5,849,403	5.9%
LPG (off hwy)	Gallons	December 22	-	N/A	78	47.1%
LPG (hwy use)	Gallons					
Small Boat (gas)	Gallons	December 22	4,008	-60.1%	60,848	-3.1%
Small Boat (diesel)	Gallons	December 22	-	N/A	-	N/A
Aviation Fuel	Gallons	December 22	9,193,131	-2.4%	101,650,010	6.3%
Other Fuel	Gallons	December 22	18,316	-8.5%	270,416	17.7%
Agricultural Refund	Gallons	December 22	6,388	7.4%	421,223	402.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	February 23	2,783	30.9%	2,724	29.6%
Passenger, Diesel	Vehicle	February 23	1,355	-0.5%	1,355	-0.3%
Passenger, Gasoline	Vehicle	February 23	158,512	2.6%	158,241	2.4%
Passenger, Hybrid	Vehicle	February 23	3,604	12.8%	3,588	12.2%
Passenger, Misc Fuel	Vehicle	February 23	64	-41.8%	67	-39.5%
Freight, Electric	Vehicle	February 23	10	N/A	8	N/A
Freight, Diesel	Vehicle	February 23	3,767	1.7%	3,759	1.5%
Freight, Gasoline	Vehicle	February 23	7,088	4.7%	7,068	4.5%
Freight, Hybrid	Vehicle	February 23	8	100.0%	8	150.0%
Freight, Misc Fuel	Vehicle	February 23	5	0.0%	5	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 22	68,910	0.2%	68,888	0.5%
Residential	Consumers	December 22	58,963	0.1%	58,912	0.2%
Commercial	Consumers	December 22	9,743	1.0%	9,771	2.0%
Street Lights	Consumers	December 22	204	-1.0%	205	0.1%
Electric Meters						
All Sectors	Meters	December 22	68,699	0.3%	68,583	0.3%
Residential	Meters	December 22	58,965	0.2%	58,905	0.2%
Commercial	Meters	December 22	9,722	1.0%	9,666	1.1%
Street Lights	Meters	December 22	12	0.0%	12	5.9%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 22	85,536,046	-0.6%	1,025,929,804	4.3%
Residential	KWH	December 22	32,082,353	-6.2%	377,599,612	-0.4%
Commercial	KWH	December 22	53,105,147	3.3%	643,742,894	7.2%
Street Lights	KWH	December 22	348,546	-10.0%	4,587,298	0.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	35,831,046	18.5%	430,675,879	28.6%
Residential	Dollars	December 22	13,630,018	12.9%	163,333,306	23.7%
Commercial	Dollars	December 22	22,060,204	22.2%	265,513,907	31.8%
Street Lights	Dollars	December 22	140,824	8.5%	1,828,666	25.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	41.89	19.1%	41.98	23.3%
Residential	Cents/KWh	December 22	42.48	20.4%	43.26	24.1%
Commercial	Cents/KWh	December 22	41.54	18.4%	41.25	22.9%
Street Lights	Cents/KWh	December 22	40.40	20.5%	39.86	25.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	91,148,793	1.2%	1,077,912,911	3.8%
Electricity Generated at the Electric Utility Stations	KWH	December 22	77,055,680	10.7%	869,502,871	10.1%
- Generated by Steam	KWH	December 22	14,509,425	23.5%	169,623,396	19.1%
- Generated by Diesel	KWH	December 22	62,546,255	8.1%	700,879,475	8.2%
- Generated by Hydro and Wind	KWH	December 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 22	17,448,189	-26.7%	247,436,217	-13.3%
Electricity Used by Electric Utility Stations	KWH	December 22	3,355,076	0.3%	39,026,177	5.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	32,809	20.9%	382,967	18.6%
Total Cost of Oil Consumed	Dollars	December 22	2,590,859	9.2%	36,650,590	62.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	78.97	-9.7%	95.70	37.2%
Month-end price per barrel	Dollars	December 22	82.13	-3.5%	97.36	34.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.180	-10.0%	0.219	39.9%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	96,471	6.2%	1,082,040	7.0%
Total Cost of Oil Consumed	Dollars	December 22	14,897,849	48.0%	157,903,711	83.1%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	154.43	39.4%	145.93	71.2%
Month-end price per barrel	Dollars	December 22	144.67	36.2%	148.45	68.2%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.240	41.2%	0.225	72.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	-	N/A	-	N/A
Month-end price per barrel	Dollars	December 22	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	-	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	February 23	0.24501	19.0%	0.24918	20.4%

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: Lanai Month of Feb - 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	December 22	1,748	-0.6%	1,749	-0.1%
Residential	Consumers	December 22	1,485	-1.0%	1,489	-0.4%
Commercial	Consumers	December 22	259	2.0%	256	1.4%
Street Lights	Consumers	December 22	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	December 22	1,751	-0.6%	1,752	-0.1%
Residential	Meters	December 22	1,485	-1.0%	1,489	-0.3%
Commercial	Meters	December 22	265	1.9%	262	1.4%
Street Lights	Meters	December 22	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 22	2,814,320	-3.0%	34,744,653	0.1%
Residential	KWH	December 22	710,190	-9.0%	8,615,325	-2.3%
Commercial	KWH	December 22	2,093,638	-0.8%	26,002,815	1.0%
Street Lights	KWH	December 22	10,492	-0.8%	126,513	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	1,596,004	16.5%	19,150,522	31.8%
Residential	Dollars	December 22	401,594	8.7%	4,732,438	28.6%
Commercial	Dollars	December 22	1,188,510	19.4%	14,349,004	32.9%
Street Lights	Dollars	December 22	5,900	19.8%	69,080	31.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	56.71	20.0%	55.12	31.7%
Residential	Cents/KWh	December 22	56.55	19.3%	54.93	31.6%
Commercial	Cents/KWh	December 22	56.77	20.3%	55.18	31.7%
Street Lights	Cents/KWh	December 22	56.23	20.8%	54.60	31.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	2,993,661	-2.2%	36,380,435	-0.2%
Electricity Generated at the Electric Utility Stations	KWH	December 22	3,075,415	-0.7%	37,140,459	1.6%
- Generated by Steam	KWH	December 22	-	N/A	-	N/A
- Generated by Diesel	KWH	December 22	3,075,415	-0.7%	37,140,459	1.6%
- Generated by Hydro and Wind	KWH	December 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 22	15	-100.0%	204,637	-73.4%
Electricity Used by Electric Utility Stations	KWH	December 22	81,769	18.9%	964,661	3.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	5,630	3.5%	64,080	0.2%
Total Cost of Oil Consumed	Dollars	December 22	1,008,545	27.9%	11,651,325	50.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	179.14	23.6%	181.82	50.4%
Month-end price per barrel	Dollars	December 22	178.44	28.1%	185.66	49.7%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.330	32.0%	0.313	48.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	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	February 23	0.36012	27.0%	0.36063	27.4%

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 Feb - 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	December 22	3,275	0.1%	3,280	0.3%
Residential	Consumers	December 22	2,730	0.3%	2,732	0.4%
Commercial	Consumers	December 22	536	-0.9%	539	-0.2%
Street Lights	Consumers	December 22	9	0.0%	9	0.9%
Electric Meters						
All Sectors	Meters	December 22	3,262	0.1%	3,266	0.3%
Residential	Meters	December 22	2,731	0.3%	2,732	0.4%
Commercial	Meters	December 22	531	-0.9%	534	-0.2%
Street Lights	Meters	December 22	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 22	2,228,452	-5.5%	28,649,970	-1.2%
Residential	KWH	December 22	985,938	-5.9%	11,403,923	-1.2%
Commercial	KWH	December 22	1,206,674	-5.1%	16,801,712	-1.2%
Street Lights	KWH	December 22	35,840	-6.4%	444,335	0.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	1,213,584	26.7%	14,996,599	36.2%
Residential	Dollars	December 22	529,099	28.3%	6,083,501	35.7%
Commercial	Dollars	December 22	665,749	25.5%	8,689,781	36.5%
Street Lights	Dollars	December 22	18,736	27.0%	223,317	39.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	54.46	34.1%	52.34	37.8%
Residential	Cents/KWh	December 22	53.66	36.3%	53.35	37.4%
Commercial	Cents/KWh	December 22	55.17	32.3%	51.72	38.2%
Street Lights	Cents/KWh	December 22	52.28	35.6%	50.26	38.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	2,514,981	-4.7%	31,726,548	-0.2%
Electricity Generated at the Electric Utility Stations	KWH	December 22	2,620,240	-5.1%	32,995,680	-0.4%
- Generated by Steam	KWH	December 22	-	N/A	-	N/A
- Generated by Diesel	KWH	December 22	2,620,240	-5.1%	32,995,680	-0.4%
- Generated by Hydro and Wind	KWH	December 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 22	476	4.2%	3,138	-47.5%
Electricity Used by Electric Utility Stations	KWH	December 22	105,735	-14.0%	1,272,270	-4.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	4,466	-3.0%	55,825	-1.1%
Total Cost of Oil Consumed	Dollars	December 22	709,798	59.2%	8,369,267	69.4%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	158.93	64.1%	149.92	71.3%
Month-end price per barrel	Dollars	December 22	157.31	51.7%	153.06	69.7%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.270	68.8%	0.253	72.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	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	February 23	0.31231	32.5%	0.32100	41.6%

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: Hawaii						
Month of Feb - 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	February 23	4.872	8.8%	4.912	11.4%
Gasoline - Mid Grade	\$ per Gallon	February 23	5.065	7.9%	5.101	10.3%
Gasoline - Premium	\$ per Gallon	February 23	5.362	7.8%	5.409	10.0%
Diesel	\$ per Gallon	February 23	6.148	27.6%	6.144	29.3%
Foreign Imports						
Crude Oil	1000 Barrels	December 22	-	N/A	-	N/A
Distillate	1000 Barrels	December 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	December 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	December 22	-	N/A	-	N/A
Propane	1000 Barrels	December 22	23	21.1%	319	14.3%
Fuel Ethanol	1000 Barrels	December 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	December 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	December 22	7,058,138	0.4%	82,234,403	5.1%
Diesel Oil (non-hwy)	Gallons	December 22	2,687,813	48.8%	33,460,220	9.2%
Diesel Oil (hwy use)	Gallons	December 22	940,127	-2.4%	12,198,956	-10.3%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	December 22	28	21.8%	1,148	22.2%
Small Boat (gas)	Gallons	December 22	27,204	-2.3%	326,507	-3.5%
Small Boat (diesel)	Gallons	December 22	-	N/A	-	N/A
Aviation Fuel	Gallons	December 22	5,012,400	4.8%	49,940,393	1.9%
Other Fuel	Gallons	December 22	1,333,479	11.6%	12,967,744	-2.1%
Agricultural Refund	Gallons	December 22	17,960	-22.2%	168,220	59.2%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	February 23	1,887	43.3%	1,860	43.7%
Passenger, Diesel	Vehicle	February 23	2,808	0.8%	2,802	0.4%
Passenger, Gasoline	Vehicle	February 23	182,299	2.7%	181,797	2.4%
Passenger, Hybrid	Vehicle	February 23	3,212	5.3%	3,206	5.4%
Passenger, Misc Fuel	Vehicle	February 23	47	9.3%	47	9.3%
Freight, Electric	Vehicle	February 23	7	N/A	6	N/A
Freight, Diesel	Vehicle	February 23	7,178	2.0%	7,174	1.9%
Freight, Gasoline	Vehicle	February 23	7,202	1.6%	7,193	1.6%
Freight, Hybrid	Vehicle	February 23	10	66.7%	10	90.0%
Freight, Misc Fuel	Vehicle	February 23	1	-66.7%	1	-66.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 22	88,757	0.7%	88,451	0.8%
Residential	Consumers	December 22	77,214	0.8%	76,932	0.9%
Commercial	Consumers	December 22	11,383	0.4%	11,356	0.5%
Street Lights	Consumers	December 22	160	-3.6%	163	-1.0%
Electric Meters						
All Sectors	Meters	December 22	88,367	0.7%	88,070	0.8%
Residential	Meters	December 22	77,215	0.8%	76,935	0.9%
Commercial	Meters	December 22	11,114	0.3%	11,097	0.4%
Street Lights	Meters	December 22	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 22	89,718,509	-3.9%	1,053,833,202	1.0%
Residential	KWH	December 22	38,045,100	-7.0%	434,186,889	-1.8%
Commercial	KWH	December 22	51,451,563	-1.4%	617,164,701	3.0%
Street Lights	KWH	December 22	221,846	-5.4%	2,481,612	0.8%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 22	39,613,043	10.7%	479,563,407	27.6%
Residential	Dollars	December 22	17,473,598	7.3%	208,195,381	24.2%
Commercial	Dollars	December 22	22,040,356	13.6%	270,225,420	30.4%
Street Lights	Dollars	December 22	99,089	8.8%	1,142,606	27.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 22	44.15	15.1%	45.51	26.4%
Residential	Cents/KWh	December 22	45.93	15.3%	47.95	26.5%
Commercial	Cents/KWh	December 22	42.84	15.2%	43.78	26.6%
Street Lights	Cents/KWh	December 22	44.67	15.0%	46.04	26.4%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 22	95,030,874	-3.3%	1,121,095,407	0.8%
Electricity Generated at the Electric Utility Stations	KWH	December 22	42,526,176	-1.9%	550,848,002	1.8%
- Generated by Steam	KWH	December 22	17,435,762	3.8%	180,574,950	-6.8%
- Generated by Diesel	KWH	December 22	24,040,414	-5.8%	364,158,852	7.7%
- Generated by Hydro and Wind	KWH	December 22	1,050,000	3.6%	6,114,200	-32.7%
Electricity Purchased from Independent Power Plant	KWH	December 22	54,469,601	-4.0%	592,528,772	-0.8%
Electricity Used by Electric Utility Stations	KWH	December 22	1,964,903	7.7%	22,281,367	-15.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	35,135	2.9%	363,847	-9.7%
Total Cost of Oil Consumed	Dollars	December 22	3,033,416	-1.8%	36,519,852	23.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	86.34	-4.5%	100.37	36.8%
Month-end price per barrel	Dollars	December 22	86.15	-4.6%	101.60	39.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.170	-5.6%	0.205	34.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 22	45,167	2.9%	650,450	10.0%
Total Cost of Oil Consumed	Dollars	December 22	7,097,824	52.4%	96,718,438	91.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	157.15	48.1%	148.69	74.1%
Month-end price per barrel	Dollars	December 22	154.12	49.7%	144.67	73.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.350	59.1%	0.316	78.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December-22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 22	0	N/A	44,896	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 22	0.00	N/A	44,896.00	N/A
Month-end price per barrel	Dollars	December 22	0.00	N/A	44,896.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 22	0.000	N/A	44,896.000	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	February 23	0.24918	22.4%	0.24582	19.0%

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: Kauai Month of Feb - 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	February-23	5.346	12.4%	5.376	14.4%
Gasoline - Mid Grade	\$ per Gallon	February-23	5.691	14.5%	5.707	15.8%
Gasoline - Premium	\$ per Gallon	February-23	5.837	14.0%	5.851	15.3%
Diesel	\$ per Gallon	February-23	6.627	28.7%	6.618	29.5%
Foreign Imports						
Crude Oil	1000 Barrels	December-22	-	N/A	-	N/A
Distillate	1000 Barrels	December-22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	December-22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	December-22	-	N/A	-	N/A
Propane	1000 Barrels	December-22	16	-27.3%	209	8.3%
Fuel Ethanol	1000 Barrels	December-22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	December-22	-	N/A	-	-100.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	December 22	2,408,727	3.5%	29,379,593	8.1%
Diesel Oil (non-hwy)	Gallons	December 22	704,588	-14.7%	8,317,722	39.4%
Diesel Oil (hwy use)	Gallons	December 22	230,713	13.5%	3,096,000	1.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	December 22	-	-100.0%	772	87.4%
Small Boat (gas)	Gallons	December 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	December 22	-	N/A	-	N/A
Aviation Fuel	Gallons	December 22	2,422,340	-1.8%	29,618,589	44.3%
Other Fuel	Gallons	December 22	1,111,444	1.7%	12,864,428	17.0%
Agricultural Refund	Gallons	December 22	989	N/A	25,637	30.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	February-23	710	29.3%	696	27.7%
Passenger, Diesel	Vehicle	February-23	886	-1.2%	886	-1.2%
Passenger, Gasoline	Vehicle	February-23	75,059	2.9%	74,816	2.6%
Passenger, Hybrid	Vehicle	February-23	1,057	2.3%	1,060	2.6%
Passenger, Misc Fuel	Vehicle	February-23	5	-28.6%	5	-28.6%
Freight, Electric	Vehicle	February-23	3	200.0%	3	200.0%
Freight, Diesel	Vehicle	February-23	2,308	0.1%	2,302	-0.2%
Freight, Gasoline	Vehicle	February-23	2,123	4.2%	2,120	4.2%
Freight, Hybrid	Vehicle	February-23	-	-100.0%	-	-100.0%
Freight, Misc Fuel	Vehicle	February-23	1	0.0%	1	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	January-23	38,920	0.6%	38,920	0.6%
Residential	Consumers	January-23	29,986	0.3%	29,986	0.3%
Commercial	Consumers	January-23	5,129	1.7%	5,129	1.7%
Street Lights	Consumers	January-23	3,805	1.0%	3,805	1.0%
Electric Meters						
All Sectors	Meters	January-23	38,920	0.6%	38,920	0.6%
Residential	Meters	January-23	29,986	0.3%	29,986	0.3%
Commercial	Meters	January-23	5,129	1.7%	5,129	1.7%
Street Lights	Meters	January-23	3,805	1.0%	3,805	1.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	January-23	36,361,728	0.5%	36,361,728	0.5%
Residential	KWH	January-23	15,296,648	-1.9%	15,296,648	-1.9%
Commercial	KWH	January-23	21,007,521	2.3%	21,007,521	2.3%
Street Lights	KWH	January-23	57,559	-9.6%	57,559	-9.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	January-23	13,260,432	0.4%	13,260,432	0.4%
Residential	Dollars	January-23	5,743,494	-2.0%	5,743,494	-2.0%
Commercial	Dollars	January-23	7,461,505	2.4%	7,461,505	2.4%
Street Lights	Dollars	January-23	55,434	-4.4%	55,434	-4.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	January-23	36.47	0.0%	36.47	0.0%
Residential	Cents/KWh	January-23	37.55	-0.1%	37.55	-0.1%
Commercial	Cents/KWh	January-23	35.52	0.1%	35.52	0.1%
Street Lights	Cents/KWh	January-23	96.31	5.8%	96.31	5.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	January-23	38,494,551	2.6%	38,494,551	2.6%
Electricity Generated at the Electric Utility Stations	KWH	January-23	19,178,892	21.4%	19,178,892	21.4%
- Generated by Steam	KWH	January-23	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	January-23	18,990,719	22.5%	18,990,719	22.5%
- Generated by Hydro and Wind	KWH	January-23	188,173	-36.2%	188,173	-36.2%
Electricity Purchased from Independent Power Plant	KWH	January-23	19,725,649	-11.2%	19,725,649	-11.2%
Electricity Used by Electric Utility Stations	KWH	January-23	409,990	-14.4%	409,990	-14.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	January-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	January-23	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	January-23	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	January-23	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	January-23	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	January-23	33,453	19.2%	33,453	19.2%
Total Cost of Oil Consumed	Dollars	January-23	3,305,628	16.2%	3,305,628	16.2%
Ave Cost/Bbl of Oil Consumed	Dollars	January-23	98.81	-2.5%	98.81	-2.5%
Month-end price per barrel	Dollars	January-23	133.14	18.5%	133.14	18.5%
Cost of Oil/KWH Generated	Dollar/KWh	January-23	0.174	-5.2%	0.174	-5.2%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	February-23	0.01637	16.6%	0.02172	146.0%

Source:
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