

# MONTHLY ENERGY TREND HIGHLIGHTS

## May 2023 Highlights

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### Crude Oil Prices:

In May 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 \$71.63 per barrel in May 2023 which was down \$37.89 (34.6%) per barrel from the same month last year. Compared to April 2023, it was a decrease of \$7.80 (9.8%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.0 million barrels of foreign crude oil in March 2023. This was a decrease of 0.9 million barrels (32.4%) from the same month last year. Compared to February 2023, it was an increase of 0.4 million barrels (28.1%).

### Gasoline Prices:

In May 2023, the regular gasoline price in Hawaii averaged \$4.768 per gallon, which was \$1.217 per gallon (34.3%) higher than the national average for the same month.

Hawaii's regular gasoline price in May 2023 was a decrease of 58.0 cents per gallon (10.8%) from the same month last year, and a decrease of 1.5 cents per gallon (0.3%) from April 2023.

The national average price for regular gasoline in May 2023 was \$3.551 per gallon, a decrease of 92.3 cents per gallon (20.6%) from the same month last year, and a decrease of 7.3 cents per gallon (2.0%) from April 2023.

The average prices of regular gasoline within the State in May 2023 were as follows: Kauai, \$5.239; Wailuku, \$4.840; Hilo, \$4.773; and Oahu, \$4.667.

### Diesel Fuel Prices:

The national average price for diesel in May 2023 was \$4.019 per gallon which was a decrease of \$1.511 (27.3%) from the same month a year ago, and a decrease of 17.0 cents (4.1%) from April 2023.

Hawaii's average price for diesel in May 2023 was \$5.835 per gallon which decreased 2.8 cents (0.5%) per gallon from the same month last year and decreased 7.3 cents per gallon (1.2%) from April 2023. Hawaii's diesel price was \$1.816 per gallon (45.2%) higher than the national average.

In May 2023, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.560; Hilo, \$5.899; Wailuku, \$5.861; and Oahu, \$5.757.

### Gasoline Consumption:

Hawaii's statewide consumption for gasoline in March 2023, as measured by the gasoline tax base, was 37.3 million gallons, which increased 1.2 million gallons (3.3%) from the same month a year ago. Gasoline in March 2023 was mainly consumed in Honolulu (59.7%), followed by Hawaii County (19.1%), Maui County (14.7%), and Kauai County (6.5%).

### **Highway Diesel Fuel Consumption:**

Hawaii's March 2023 consumption for highway use diesel was 2.8 million gallons, which decreased 1.5 million gallons (34.7%) from the same month last year. Highway use diesel in March 2023 was mainly consumed in Honolulu (35.6%), followed by Hawaii County (37.4%), Maui County (17.7%), and Kauai County (9.3%).

### **Aviation Fuel Consumption:**

In March 2023, data from the Department of Taxation showed statewide aviation fuel consumption was 27.1 million gallons, which decreased 0.16 million gallons (0.6%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (40.8%), Maui County (33.3%), Hawaii County (17.2%), and Kauai County (8.6%).

### **Registered Taxable Vehicles:**

As of May 2023, there were 1,072,636 registered passenger vehicles in the state, an increase of 18,012 vehicles (1.7%) from the same month last year and an increase of 1,144 vehicles (0.1%) from April 2023. The number of passenger gasoline vehicles was 1,013,111, which was 94.5% of total passenger vehicles. It represents an increase of 10,421 vehicles (1.0%) from the same period last year, and an increase of 452 vehicles (0.04%) from April 2023.

In May 2023, the number of passenger electric vehicles in the state was 25,468, an increase of 5,826 vehicles (29.7%) from the same month last year, and an increase of 586 vehicles (2.4%) from April 2023. The number of passenger hybrid vehicles in the state in this month was 26,358, 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 0.5% from April 2023.

In May 2023, there were 51,311 registered freight gasoline vehicles, a 2.1% increase from the same period last year, and a 0.2% increase from April 2023. The number of freight diesel vehicles in May 2023 was 23,914, which remained relatively unchanged from the same period last year and from April 2023.

Monthly Energy Trend: State						
Month of May - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Crude Oil Price</b>						
NYMEX WTI Future Price	\$ per Barrel	May 23	71.63	-34.6%	75.92	-23.2%
Europe Brent Spot Price	\$ per Barrel	May 23	75.54	-33.4%	80.74	-22.2%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	May 23	3.551	-20.6%	3.480	-11.4%
Gasoline -Mid Grade, National	\$ per Gallon	May 23	3.978	-17.8%	3.899	-9.1%
Gasoline -Premium, National	\$ per Gallon	May 23	4.306	-16.0%	4.222	-7.6%
Diesel, National	\$ per Gallon	May 23	4.019	-27.3%	4.339	-6.1%
Gasoline - Regular, State	\$ per Gallon	May 23	4.768	-10.8%	4.852	-0.6%
Gasoline -Mid Grade, State	\$ per Gallon	May 23	4.982	-10.2%	5.074	-0.1%
Gasoline -Premium, State	\$ per Gallon	May 23	5.247	-9.5%	5.324	0.0%
Diesel, State	\$ per Gallon	May 23	5.835	-0.5%	5.965	13.4%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	May 23	42.74%	-7.1%	45.85%	11.7%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	March 23	1,955	-32.4%	5,006	-13.5%
Distillate	1000 Barrels	March 23	47	9.3%	129	0.8%
Jet Fuel, Kerosene	1000 Barrels	March 23	1,490	130.3%	4,001	148.8%
Residual Fuel Oil	1000 Barrels	March 23	-	N/A	-	N/A
Propane	1000 Barrels	March 23	61	-40.2%	227	1.3%
Fuel Ethanol	1000 Barrels	March 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	March 23	565	87.7%	1,098	-18.8%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	March 23	37,330,705	3.3%	105,901,407	3.5%
Diesel Oil (non-hwy)	Gallons	March 23	12,711,022	-1.9%	40,454,131	6.9%
Diesel Oil (hwy use)	Gallons	March 23	2,848,733	-34.7%	10,026,474	-16.7%
LPG (off hwy)	Gallons	March 23	-	-	-	-
LPG (hwy use)	Gallons	March 23	312	-54.9%	801	-78.3%
Small Boat (gas)	Gallons	March 23	98,302	-15.5%	283,173	-16.3%
Small Boat (diesel)	Gallons	March 23	150,505	-44.1%	654,760	-30.1%
Aviation Fuel	Gallons	March 23	27,129,698	-0.6%	78,566,171	4.1%
Other Fuel	Gallons	March 23	3,040,298	34.5%	8,392,165	33.0%
Agricultural Refund	Gallons	March 23	23,544	-91.5%	171,301	-77.6%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	May 23	25,468	29.7%	24,142	27.8%
Passenger, Diesel	Vehicle	May 23	7,364	-0.3%	7,373	-0.3%
Passenger, Gasoline	Vehicle	May 23	1,013,111	1.0%	1,011,533	1.0%
Passenger, Hybrid	Vehicle	May 23	26,358	7.4%	26,087	8.1%
Passenger, Misc Fuel	Vehicle	May 23	335	-4.8%	331	-21.4%
Freight, Electric	Vehicle	May 23	121	266.7%	97	213.6%
Freight, Diesel	Vehicle	May 23	23,914	0.0%	23,908	0.1%
Freight, Gasoline	Vehicle	May 23	51,311	2.1%	51,063	1.7%
Freight, Hybrid	Vehicle	May 23	161	50.5%	148	52.3%
Freight, Misc Fuel	Vehicle	May 23	31	-20.5%	32	-23.6%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	511,199	0.3%	510,870	0.3%
Residential	Consumers	March 23	446,361	0.3%	446,043	0.3%
Commercial	Consumers	March 23	60,220	0.2%	60,211	0.2%
Street Lights	Consumers	March 23	4,618	0.5%	4,617	0.4%
<b>Electric Meters</b>						
All sectors	Meters	March 23	510,074	0.3%	509,767	0.3%
Residential	Meters	March 23	446,373	0.3%	446,073	0.3%
Commercial	Meters	March 23	59,724	0.1%	59,717	0.0%
Street Lights	Meters	March 23	3,977	0.9%	3,976	1.0%
<b>Electricity Sale (KWH sold)</b>						
All Sectors	KWH	March 23	695,737,964	-2.7%	2,043,692,943	-0.9%
Residential	KWH	March 23	202,899,439	-2.0%	610,492,065	-2.1%
Commercial	KWH	March 23	490,715,191	-4.9%	1,426,848,629	-1.1%
Street Lights	KWH	March 23	2,123,334	-125.3%	6,352,249	-267.9%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	288,746,194	10.3%	859,188,571	16.6%
Residential	Dollars	March 23	91,997,503	8.5%	276,727,801	12.9%
Commercial	Dollars	March 23	195,817,937	9.3%	579,617,612	17.7%
Street Lights	Dollars	March 23	930,754	-143.5%	2,843,158	-848.1%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	41.50	13.3%	42.04	17.7%
Residential	Cents/KWh	March 23	45.34	10.7%	45.33	15.4%
Commercial	Cents/KWh	March 23	39.90	15.0%	40.62	19.0%
Street Lights	Cents/KWh	March 23	43.83	71.9%	44.76	345.6%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	741,750,097	-2.5%	2,154,799,926	-1.0%
Electricity Generated at the Electric Utility Stations	KWH	March 23	490,581,064	12.4%	1,482,681,718	12.1%
- Generated by Steam	KWH	March 23	356,171,709	17.5%	1,090,379,153	17.3%
- Generated by Diesel	KWH	March 23	128,718,149	1.0%	375,864,281	-0.1%
- Generated by Biodiesel	KWH	March 23	1,453,343	-24.0%	5,161,079	-9.2%
- Generated by Solar	KWH	March 23	3,441,696	3.0%	9,493,415	5.0%
- Generated by Hydro and Wind	KWH	March 23	796,167	18.2%	1,783,790	-3.3%
Electricity Purchased from Independent Power Plant	KWH	March 23	279,638,753	-19.9%	756,570,420	-18.6%
Electricity Used by Electric Utility Stations	KWH	March 23	28,469,666	16.0%	84,452,158	13.1%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	588,413	16.5%	1,807,988	15.6%
Total Cost of Oil Consumed	Dollars	March 23	78,546,682	46.5%	248,625,745	57.0%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	133.49	25.7%	137.52	35.8%
Month-end price per barrel	Dollars	March 23	107.22	4.4%	105.81	11.1%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.235	23.6%	0.242	34.1%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	227,186	5.1%	670,126	3.7%
Total Cost of Oil Consumed	Dollars	March 23	32,204,578	31.6%	93,771,228	34.4%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	141.75	25.3%	139.93	29.6%
Month-end price per barrel	Dollars	March 23	144.60	10.9%	148.36	22.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.263	30.3%	0.260	33.3%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	2,271	-24.4%	8,028	-9.9%
Total Cost of Oil Consumed	Dollars	March 23	451,918	-13.1%	1,517,428	3.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	199.00	14.9%	189.02	14.8%
Month-end price per barrel	Dollars	March 23	176.30	0.5%	181.19	11.0%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.350	16.7%	0.330	7.6%

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., 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 May - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	May 23	4.667	-10.9%	4.764	-0.3%
Gasoline - Mid Grade	\$ per Gallon	May 23	4.917	-10.2%	5.015	0.0%
Gasoline - Premium	\$ per Gallon	May 23	5.194	-9.7%	5.284	-0.1%
Diesel	\$ per Gallon	May 23	5.757	0.8%	5.864	14.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	March 23	1,955	-32.4%	5,006	-13.5%
Distillate	1000 Barrels	March 23	47	9.3%	129	0.8%
Jet Fuel, Kerosene	1000 Barrels	March 23	1,490	130.3%	4,001	148.8%
Residual Fuel Oil	1000 Barrels	March 23	-	N/A	-	N/A
Propane	1000 Barrels	March 23	-	-100.0%	-	-100.0%
Fuel Ethanol	1000 Barrels	March 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	March 23	565	87.7%	1,098	-18.8%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	March 23	22,286,200	6.8%	62,493,099	4.8%
Diesel Oil (non-hwy)	Gallons	March 23	5,567,925	1.1%	16,580,138	10.6%
Diesel Oil (hwy use)	Gallons	March 23	1,013,237	-59.6%	4,793,323	-30.1%
LPG (off hwy)	Gallons	March 23	177	-72.9%	630	-78.4%
LPG (hwy use)	Gallons	March 23	64,722	-22.0%	189,311	-19.8%
Small Boat (gas)	Gallons	March 23	150,505	-44.1%	654,760	-30.1%
Small Boat (diesel)	Gallons	March 23	11,069,336	2.5%	31,846,810	4.5%
Aviation Fuel	Gallons	March 23	104,800	-1239.3%	320,383	58.3%
Other Fuel	Gallons	March 23	10,599	-84.0%	123,380	-62.8%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	May 23	19,643	28.1%	18,629	25.8%
Passenger, Diesel	Vehicle	May 23	2,303	-0.4%	2,319	-0.4%
Passenger, Gasoline	Vehicle	May 23	594,835	-0.2%	595,113	-0.2%
Passenger, Hybrid	Vehicle	May 23	18,383	7.5%	18,179	8.3%
Passenger, Misc Fuel	Vehicle	May 23	227	15.8%	217	-17.3%
Freight, Electric	Vehicle	May 23	87	171.9%	73	144.3%
Freight, Diesel	Vehicle	May 23	10,625	-1.1%	10,654	-1.2%
Freight, Gasoline	Vehicle	May 23	34,678	1.3%	34,586	0.9%
Freight, Hybrid	Vehicle	May 23	138	43.8%	129	47.1%
Freight, Misc Fuel	Vehicle	May 23	25	-19.4%	25	-23.6%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	309,167	0.1%	308,981	0.1%
Residential	Consumers	March 23	275,537	0.2%	275,391	0.1%
Commercial	Consumers	March 23	33,192	0.0%	33,154	-0.2%
Street Lights	Consumers	March 23	438	-0.9%	437	-1.7%
<b>Electric Meters</b>						
All Sectors	Meters	March 23	308,653	0.1%	308,487	0.1%
Residential	Meters	March 23	275,545	0.2%	275,415	0.1%
Commercial	Meters	March 23	32,987	-0.3%	32,952	-0.5%
Street Lights	Meters	March 23	121	3.4%	120	2.3%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 23	487,574,237	-2.0%	1,429,653,409	-1.3%
Residential	KWH	March 23	119,510,090	-3.5%	362,566,346	-4.1%
Commercial	KWH	March 23	366,663,092	-4.3%	1,062,847,753	-1.2%
Street Lights	KWH	March 23	1,401,055	-115.4%	4,239,310	-171.9%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	198,257,371	13.9%	593,488,287	20.6%
Residential	Dollars	March 23	54,444,897	10.8%	166,217,571	16.2%
Commercial	Dollars	March 23	143,219,529	12.4%	425,436,009	21.5%
Street Lights	Dollars	March 23	592,945	-124.1%	1,834,707	-241.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	40.66	16.3%	41.51	22.2%
Residential	Cents/KWh	March 23	45.56	14.9%	45.84	21.2%
Commercial	Cents/KWh	March 23	39.06	17.4%	40.03	22.9%
Street Lights	Cents/KWh	March 23	42.32	56.9%	43.28	96.8%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	518,702,358	-2.5%	1,503,651,829	-1.4%
Electricity Generated at the Electric Utility Stations	KWH	March 23	345,411,444	19.4%	1,071,444,592	20.0%
- Generated by Steam	KWH	March 23	326,180,792	19.1%	1,008,971,300	20.5%
- Generated by Diesel	KWH	March 23	14,335,613	39.0%	47,818,798	17.6%
- Generated by Biodiesel	KWH	March 23	1,453,343	-24.0%	5,161,079	-9.2%
- Generated by Solar	KWH	March 23	3,441,696	3.0%	9,493,415	5.0%
- Generated by Hydro and Wind	KWH	March 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 23	195,896,578	-25.0%	500,200,005	-27.5%
Electricity Used by Electric Utility Stations	KWH	March 23	22,605,664	21.6%	67,992,768	19.0%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	524,403	18.5%	1,634,176	19.3%
Total Cost of Oil Consumed	Dollars	March 23	72,802,666	51.7%	233,354,247	64.9%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	138.83	28.1%	142.80	38.2%
Month-end price per barrel	Dollars	March 23	129.80	8.0%	136.09	25.1%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.240	26.3%	0.247	37.0%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	39,810	40.3%	130,263	19.0%
Total Cost of Oil Consumed	Dollars	March 23	5,542,306	77.2%	18,905,115	64.9%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	139.22	26.3%	145.13	38.5%
Month-end price per barrel	Dollars	March 23	132.39	16.3%	137.38	28.4%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.420	31.3%	0.420	40.0%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	2,271	-24.4%	8,028	-9.9%
Total Cost of Oil Consumed	Dollars	March 23	451,918	-13.1%	1,517,428	3.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	199.00	14.9%	189.02	14.8%
Month-end price per barrel	Dollars	March 23	176.30	0.5%	181.19	11.0%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.350	16.7%	0.330	7.6%
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	May 23	0.22476	-3.3%	0.24736	28.0%

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 May - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Wailuku Only)</b>						
Gasoline - Regular	\$ per Gallon	May 23	4.840	-11.6%	4.901	-2.3%
Gasoline - Mid Grade	\$ per Gallon	May 23	5.041	-11.3%	5.121	-2.0%
Gasoline - Premium	\$ per Gallon	May 23	5.256	-10.1%	5.293	-2.0%
Diesel	\$ per Gallon	May 23	5.861	-2.2%	6.029	11.6%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	March 23	-	N/A	-	N/A
Distillate	1000 Barrels	March 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	March 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	March 23	-	N/A	-	N/A
Propane	1000 Barrels	March 23	28	64.7%	92	76.9%
Fuel Ethanol	1000 Barrels	March 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	March 23	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	March 23	5,478,498	-0.2%	15,659,674	1.6%
Diesel Oil (non-hwy)	Gallons	March 23	4,130,746	2.5%	14,968,859	19.0%
Diesel Oil (hwy use)	Gallons	March 23	505,293	12.2%	1,544,154	19.3%
LPG (off hwy)	Gallons	March 23	-	N/A	-	N/A
LPG (hwy use)	Gallons	March 23	62	N/A	62	N/A
Small Boat (gas)	Gallons	March 23	3,696	-35.9%	11,224	-51.0%
Small Boat (diesel)	Gallons	March 23	-	N/A	-	N/A
Aviation Fuel	Gallons	March 23	9,047,042	-4.8%	26,855,239	2.3%
Other Fuel	Gallons	March 23	22,051	-13.8%	57,454	-12.7%
Agricultural Refund	Gallons	March 23	9,681	-94.3%	21,400	-93.9%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	May 23	3,045	33.8%	2,860	31.5%
Passenger, Diesel	Vehicle	May 23	1,366	0.4%	1,359	0.0%
Passenger, Gasoline	Vehicle	May 23	158,638	2.0%	158,472	2.3%
Passenger, Hybrid	Vehicle	May 23	3,687	11.8%	3,632	12.0%
Passenger, Misc Fuel	Vehicle	May 23	57	-46.2%	62	-43.2%
Freight, Electric	Vehicle	May 23	18	N/A	12	N/A
Freight, Diesel	Vehicle	May 23	3,772	0.9%	3,765	1.4%
Freight, Gasoline	Vehicle	May 23	7,186	5.2%	7,111	4.8%
Freight, Hybrid	Vehicle	May 23	13	225.0%	10	200.0%
Freight, Misc Fuel	Vehicle	May 23	5	0.0%	5	0.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	68,977	0.3%	68,961	0.3%
Residential	Consumers	March 23	59,062	0.3%	59,026	0.3%
Commercial	Consumers	March 23	9,715	0.4%	9,735	0.7%
Street Lights	Consumers	March 23	200	-2.4%	200	-2.3%
<b>Electric Meters</b>						
All Sectors	Meters	March 23	68,769	0.3%	68,753	0.4%
Residential	Meters	March 23	59,064	0.3%	59,028	0.3%
Commercial	Meters	March 23	9,693	0.4%	9,713	0.7%
Street Lights	Meters	March 23	12	0.0%	12	2.9%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 23	80,229,750	-6.8%	240,520,499	0.1%
Residential	KWH	March 23	29,592,211	-2.4%	91,137,985	1.6%
Commercial	KWH	March 23	50,254,155	-9.3%	148,240,656	-0.8%
Street Lights	KWH	March 23	383,384	-1.7%	1,141,858	-0.4%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	34,686,840	5.2%	104,019,845	13.5%
Residential	Dollars	March 23	13,229,029	8.6%	40,228,778	14.2%
Commercial	Dollars	March 23	21,306,070	3.2%	63,320,842	13.0%
Street Lights	Dollars	March 23	151,741	6.1%	470,225	13.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	43.23	12.9%	43.25	13.4%
Residential	Cents/KWh	March 23	44.70	11.3%	44.14	12.5%
Commercial	Cents/KWh	March 23	42.40	13.7%	42.71	14.0%
Street Lights	Cents/KWh	March 23	39.58	8.0%	41.18	14.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	86,890,903	-2.0%	253,657,298	0.2%
Electricity Generated at the Electric Utility Stations	KWH	March 23	78,067,258	1.2%	222,139,364	-1.0%
- Generated by Steam	KWH	March 23	15,773,789	14.4%	43,036,631	-6.4%
- Generated by Diesel	KWH	March 23	62,293,469	-1.7%	179,102,733	0.4%
- Generated by Hydro and Wind	KWH	March 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 23	12,188,402	-17.8%	41,049,667	6.6%
Electricity Used by Electric Utility Stations	KWH	March 23	3,364,757	1.2%	9,531,733	-1.6%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	35,031	12.7%	95,758	-6.7%
Total Cost of Oil Consumed	Dollars	March 23	2,907,851	7.9%	8,053,229	-6.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	83.01	-4.2%	84.10	0.3%
Month-end price per barrel	Dollars	March 23	94.04	0.5%	89.15	1.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.180	-10.0%	0.187	-1.8%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	96,138	-1.1%	276,682	1.0%
Total Cost of Oil Consumed	Dollars	March 23	14,220,831	30.5%	39,731,110	35.3%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	147.92	31.9%	143.60	34.0%
Month-end price per barrel	Dollars	March 23	134.58	2.6%	139.40	21.2%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.230	35.3%	0.220	34.7%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	-	N/A	-	N/A
Month-end price per barrel	Dollars	March 23	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	-	N/A	-	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	May 23	0.24180	-8.5%	0.24801	8.4%

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 May - 2023

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	1,760	0.2%	1,755	0.1%
Residential	Consumers	March 23	1,492	-0.2%	1,489	-0.4%
Commercial	Consumers	March 23	264	2.3%	262	2.6%
Street Lights	Consumers	March 23	4	0.0%	4	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	March 23	1,763	0.1%	1,758	0.1%
Residential	Meters	March 23	1,492	-0.3%	1,489	-0.4%
Commercial	Meters	March 23	270	2.3%	268	2.6%
Street Lights	Meters	March 23	1	0.0%	1	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 23	2,818,905	-4.3%	8,195,347	-1.5%
Residential	KWH	March 23	729,166	-2.2%	2,194,906	2.2%
Commercial	KWH	March 23	2,079,160	-5.0%	5,968,854	-2.8%
Street Lights	KWH	March 23	10,579	-0.2%	31,587	-0.1%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	1,506,162	2.4%	4,456,782	11.4%
Residential	Dollars	March 23	387,793	4.4%	1,184,904	15.8%
Commercial	Dollars	March 23	1,112,789	1.8%	3,254,928	9.8%
Street Lights	Dollars	March 23	5,580	5.7%	16,950	12.5%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	53.43	7.0%	54.38	13.1%
Residential	Cents/KWh	March 23	53.18	6.7%	53.98	13.3%
Commercial	Cents/KWh	March 23	53.52	7.2%	54.53	13.0%
Street Lights	Cents/KWh	March 23	52.75	5.8%	53.66	12.7%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	2,944,154	-3.4%	8,529,766	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	March 23	3,027,533	-2.3%	8,760,642	-0.8%
- Generated by Steam	KWH	March 23	-	N/A	-	N/A
- Generated by Diesel	KWH	March 23	3,027,533	-2.3%	8,760,642	-0.8%
- Generated by Hydro and Wind	KWH	March 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 23	-	-100.0%	-	-100.0%
Electricity Used by Electric Utility Stations	KWH	March 23	83,379	10.4%	230,876	-1.6%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	5,286	-1.0%	15,322	1.5%
Total Cost of Oil Consumed	Dollars	March 23	912,410	10.3%	2,710,422	24.0%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	172.61	11.4%	176.90	22.1%
Month-end price per barrel	Dollars	March 23	165.22	0.4%	172.52	12.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.300	11.1%	0.310	24.0%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0	N/A	N/A	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	May 23	0.28830	-23.2%	0.33770	6.3%

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: Molokai  
Month of May - 2023

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	3,289	0.2%	3,284	0.1%
Residential	Consumers	March 23	2,742	0.3%	2,739	0.3%
Commercial	Consumers	March 23	538	-0.2%	536	-0.7%
Street Lights	Consumers	March 23	9	0.0%	9	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	March 23	3,275	0.2%	3,270	0.1%
Residential	Meters	March 23	2,742	0.3%	2,739	0.3%
Commercial	Meters	March 23	533	-0.2%	531	-0.7%
Street Lights	Meters	March 23	-	N/A	-	N/A
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 23	2,268,408	-1.3%	6,516,264	-4.1%
Residential	KWH	March 23	922,739	6.1%	2,772,496	-0.8%
Commercial	KWH	March 23	1,308,598	-5.8%	3,632,713	-6.6%
Street Lights	KWH	March 23	37,071	-6.0%	111,055	-2.2%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	1,267,473	18.9%	3,555,258	17.4%
Residential	Dollars	March 23	523,356	24.4%	1,512,817	19.2%
Commercial	Dollars	March 23	724,390	15.3%	1,984,694	16.0%
Street Lights	Dollars	March 23	19,727	14.7%	57,747	19.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	55.88	20.4%	54.56	22.5%
Residential	Cents/KWh	March 23	56.72	17.2%	54.57	20.1%
Commercial	Cents/KWh	March 23	55.36	22.4%	54.63	24.3%
Street Lights	Cents/KWh	March 23	53.21	22.1%	52.00	22.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	2,547,392	-3.7%	7,278,078	-2.6%
Electricity Generated at the Electric Utility Stations	KWH	March 23	2,654,420	-3.2%	7,584,660	-2.6%
- Generated by Steam	KWH	March 23	-	N/A	-	N/A
- Generated by Diesel	KWH	March 23	2,654,420	-3.2%	7,584,660	-2.6%
- Generated by Hydro and Wind	KWH	March 23	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 23	476	-45.6%	1,277	-25.8%
Electricity Used by Electric Utility Stations	KWH	March 23	107,450	11.6%	307,805	-2.2%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	4,552	-2.0%	13,011	-0.7%
Total Cost of Oil Consumed	Dollars	March 23	725,767	35.7%	2,014,782	39.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	159.44	38.4%	154.85	40.4%
Month-end price per barrel	Dollars	March 23	138.20	15.8%	147.92	28.2%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.270	35.0%	0.263	41.1%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 23	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0	N/A	N/A	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	May 23	0.29562	-2.9%	0.31459	25.6%

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

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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 May - 2023						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Hilo only)</b>						
Gasoline - Regular	\$ per Gallon	May 23	4.773	-11.5%	4.842	-1.2%
Gasoline - Mid Grade	\$ per Gallon	May 23	5.006	-10.6%	5.050	-1.2%
Gasoline - Premium	\$ per Gallon	May 23	5.251	-11.0%	5.329	-1.5%
Diesel	\$ per Gallon	May 23	5.899	-1.9%	6.058	13.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	March 23	-	N/A	-	N/A
Distillate	1000 Barrels	March 23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	March 23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	March 23	-	N/A	-	N/A
Propane	1000 Barrels	March 23	20	-42.9%	54	-41.3%
Fuel Ethanol	1000 Barrels	March 23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	March 23	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	March 23	7,122,310	-1.4%	20,620,583	1.8%
Diesel Oil (non-hwy)	Gallons	March 23	2,464,995	-9.7%	7,114,378	-14.4%
Diesel Oil (hwy use)	Gallons	March 23	1,066,110	-6.1%	2,951,269	-6.1%
LPG (off hwy)	Gallons	March 23	73	97.1%	109	-78.3%
LPG (hwy use)	Gallons	March 23	29,884	8.5%	82,638	4.0%
Small Boat (gas)	Gallons	March 23	-	N/A	-	N/A
Small Boat (diesel)	Gallons	March 23	-	N/A	-	N/A
Aviation Fuel	Gallons	March 23	4,667,385	7.8%	13,393,415	14.9%
Other Fuel	Gallons	March 23	1,726,265	37.9%	4,605,318	42.4%
Agricultural Refund	Gallons	March 23	3,264	-91.3%	24,620	-61.4%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	May 23	2,031	40.5%	1,934	42.6%
Passenger, Diesel	Vehicle	May 23	2,813	0.1%	2,811	0.3%
Passenger, Gasoline	Vehicle	May 23	183,819	3.2%	182,698	2.8%
Passenger, Hybrid	Vehicle	May 23	3,241	4.3%	3,221	5.0%
Passenger, Misc Fuel	Vehicle	May 23	47	11.9%	47	10.8%
Freight, Electric	Vehicle	May 23	11	N/A	8	N/A
Freight, Diesel	Vehicle	May 23	7,217	1.6%	7,188	1.7%
Freight, Gasoline	Vehicle	May 23	7,341	3.1%	7,251	2.2%
Freight, Hybrid	Vehicle	May 23	10	66.7%	10	75.0%
Freight, Misc Fuel	Vehicle	May 23	1	-50.0%	1	-61.5%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 23	89,064	0.8%	88,957	0.8%
Residential	Consumers	March 23	77,518	0.9%	77,399	0.9%
Commercial	Consumers	March 23	11,384	0.4%	11,396	0.5%
Street Lights	Consumers	March 23	162	-1.2%	162	-1.6%
<b>Electric Meters</b>						
All Sectors	Meters	March 23	88,672	0.8%	88,567	0.8%
Residential	Meters	March 23	77,520	0.9%	77,403	0.9%
Commercial	Meters	March 23	11,114	0.2%	11,126	0.4%
Street Lights	Meters	March 23	38	0.0%	38	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 23	85,105,729	-3.9%	251,262,562	-0.9%
Residential	KWH	March 23	36,422,501	1.7%	106,969,016	0.6%
Commercial	KWH	March 23	48,449,896	-7.7%	143,638,177	-2.0%
Street Lights	KWH	March 23	233,332	2.4%	655,369	3.5%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 23	38,637,794	0.6%	113,749,697	6.3%
Residential	Dollars	March 23	17,249,936	2.5%	50,457,287	6.2%
Commercial	Dollars	March 23	21,283,590	-1.0%	62,996,464	6.4%
Street Lights	Dollars	March 23	104,268	7.3%	295,946	11.0%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 23	45.40	4.6%	45.27	7.2%
Residential	Cents/KWh	March 23	47.36	0.8%	47.17	5.5%
Commercial	Cents/KWh	March 23	43.93	7.3%	43.86	8.5%
Street Lights	Cents/KWh	March 23	44.69	4.8%	45.16	7.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 23	91,230,638	-2.8%	268,280,481	-0.6%
Electricity Generated at the Electric Utility Stations	KWH	March 23	41,852,736	-13.0%	116,898,464	-18.5%
- Generated by Steam	KWH	March 23	14,217,128	-8.8%	38,371,222	-16.3%
- Generated by Diesel	KWH	March 23	27,001,408	-15.8%	77,149,042	-20.0%
- Generated by Hydro and Wind	KWH	March 23	634,200	33.6%	1,378,200	19.2%
Electricity Purchased from Independent Power Plant	KWH	March 23	51,246,505	7.5%	156,531,804	18.1%
Electricity Used by Electric Utility Stations	KWH	March 23	1,868,603	-6.2%	5,149,787	-13.5%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	28,979	-7.0%	78,054	-15.3%
Total Cost of Oil Consumed	Dollars	March 23	2,836,165	-3.6%	7,218,269	-12.4%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	97.87	3.7%	92.48	3.4%
Month-end price per barrel	Dollars	March 23	97.83	3.6%	92.20	3.1%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.200	5.3%	0.190	5.6%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 23	47,195	-9.8%	137,162	-11.7%
Total Cost of Oil Consumed	Dollars	March 23	7,142,024	20.3%	20,541,752	20.8%
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	151.33	33.4%	149.76	36.8%
Month-end price per barrel	Dollars	March 23	147.11	33.4%	146.12	37.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.320	39.1%	0.323	47.0%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 23	0	N/A	44,986	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 23	0.00	N/A	44,986.00	N/A
Month-end price per barrel	Dollars	March 23	0.00	N/A	44,986.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 23	0.000	N/A	44,986.000	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	May 23	0.21951	-18.9%	0.24181	3.3%

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: Kauai  
Month of May - 2023

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	May-23	5,239	-7.5%	5,301	3.2%
Gasoline - Mid Grade	\$ per Gallon	May-23	5,577	-5.1%	5,632	5.2%
Gasoline - Premium	\$ per Gallon	May-23	5,789	-4.1%	5,805	5.5%
Diesel	\$ per Gallon	May-23	6,560	5.4%	6,610	18.0%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	March-23	-	N/A	-	N/A
Distillate	1000 Barrels	March-23	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	March-23	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	March-23	-	N/A	-	N/A
Propane	1000 Barrels	March-23	13	-38.1%	81	131.4%
Fuel Ethanol	1000 Barrels	March-23	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	March-23	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	March 23	2,443,697	-4.3%	7,128,051	1.9%
Diesel Oil (non-hwy)	Gallons	March 23	547,356	-21.3%	1,790,756	-9.6%
Diesel Oil (hwy use)	Gallons	March 23	264,094	-0.2%	737,729	0.1%
LPG (off hwy)	Gallons	March 23	-	N/A	-	-100.0%
LPG (hwy use)	Gallons	March 23	-	N/A	-	N/A
Small Boat (gas)	Gallons	March 23	-	N/A	-	N/A
Small Boat (diesel)	Gallons	March 23	-	N/A	-	N/A
Aviation Fuel	Gallons	March 23	2,345,935	-11.6%	6,470,707	-8.3%
Other Fuel	Gallons	March 23	1,187,182	19.7%	3,409,009	21.4%
Agricultural Refund	Gallons	March 23	-	-100.0%	1,901	-90.1%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	May-23	749	27.4%	719	28.2%
Passenger, Diesel	Vehicle	May-23	882	-2.6%	885	-1.9%
Passenger, Gasoline	Vehicle	May-23	75,819	4.2%	75,251	3.2%
Passenger, Hybrid	Vehicle	May-23	1,047	0.2%	1,055	1.5%
Passenger, Misc Fuel	Vehicle	May-23	4	-50.0%	5	-33.3%
Freight, Electric	Vehicle	May-23	5	400.0%	4	260.0%
Freight, Diesel	Vehicle	May-23	2,300	-0.8%	2,302	-0.4%
Freight, Gasoline	Vehicle	May-23	2,106	2.4%	2,113	3.3%
Freight, Hybrid	Vehicle	May-23	-	-100.0%	-	-100.0%
Freight, Misc Fuel	Vehicle	May-23	-	-100.0%	1	-40.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	April-23	38,957	0.5%	38,938	0.6%
Residential	Consumers	April-23	30,024	0.4%	30,005	0.4%
Commercial	Consumers	April-23	5,128	1.2%	5,128	1.4%
Street Lights	Consumers	April-23	3,805	0.8%	3,805	0.9%
<b>Electric Meters</b>						
All Sectors	Meters	April-23	38,957	0.5%	38,938	0.6%
Residential	Meters	April-23	30,024	0.4%	30,005	0.4%
Commercial	Meters	April-23	5,128	1.2%	5,128	1.4%
Street Lights	Meters	April-23	3,805	0.8%	3,805	0.9%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	April-23	36,523,227	0.6%	144,068,089	1.1%
Residential	KWH	April-23	15,112,340	0.6%	59,963,656	0.9%
Commercial	KWH	April-23	21,352,997	0.6%	83,873,473	1.3%
Street Lights	KWH	April-23	57,890	-9.1%	230,960	-9.3%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	April-23	13,849,420	-5.3%	53,768,122	-0.3%
Residential	Dollars	April-23	5,905,082	-5.0%	23,031,525	-0.5%
Commercial	Dollars	April-23	7,887,896	-5.5%	30,512,571	-0.2%
Street Lights	Dollars	April-23	56,443	-5.2%	224,026	-4.0%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	April-23	37.92	-5.8%	37.32	-1.5%
Residential	Cents/KWh	April-23	39.07	-5.6%	38.41	-1.4%
Commercial	Cents/KWh	April-23	36.94	-6.0%	36.38	-1.5%
Street Lights	Cents/KWh	April-23	97.50	4.3%	97.00	5.8%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	April-23	38,143,660	-1.3%	151,546,134	0.4%
Electricity Generated at the Electric Utility Stations	KWH	April-23	17,612,140	14.8%	73,466,136	22.4%
- Generated by Steam	KWH	April-23	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	April-23	17,552,952	18.4%	73,001,358	24.2%
- Generated by Hydro and Wind	KWH	April-23	59,188	-88.5%	464,778	-61.4%
Electricity Purchased from Independent Power Plant	KWH	April-23	20,895,154	-12.1%	79,682,821	-14.1%
Electricity Used by Electric Utility Stations	KWH	April-23	363,634	-22.4%	1,602,823	-11.5%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	April-23	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	April-23	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	April-23	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	April-23	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	April-23	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	April-23	30,689	16.1%	128,375	21.8%
Total Cost of Oil Consumed	Dollars	April-23	3,364,677	-0.2%	13,232,725	13.6%
Ave Cost/Bbl of Oil Consumed	Dollars	April-23	109.64	-14.0%	103.08	-6.8%
Month-end price per barrel	Dollars	April-23	132.72	-22.0%	143.28	2.7%
Cost of Oil/KWH Generated	Dollar/KWh	April-23	0.192	-15.7%	0.181	-8.4%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	May-23	0.00172	-93.4%	0.01660	-11.2%

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

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