

MONTHLY ENERGY TREND HIGHLIGHTS

March 2022 Highlights

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Issued on April 5, 2022

Crude Oil Prices:

In March 2022, the crude oil price increased from the same month last year and increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$108.26 per barrel in March 2022 which was up \$45.76 (73.2%) per barrel from the same month last year. Compared to February 2022, it was an increase of \$16.52 (18.0%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.0 million barrels of foreign crude oil in January 2022. This was a decrease of 0.5 million barrels (18.5%) from the same month last year. Compared to December 2021, it was an increase of 0.3 million barrels (19.6%).

Gasoline Prices:

In March 2022, the regular gasoline price in Hawaii averaged \$4.979 per gallon, which was 78.2 cents per gallon (18.6%) higher than the national average for the same month.

Hawaii's regular gasoline price in March 2022 was an increase of \$1.405 per gallon (39.3%) from the same month last year, and an increase of 49.6 cents per gallon (11.1%) from February 2022.

The national average price for regular gasoline in March 2022 was \$4.197 per gallon, an increase of \$1.359 per gallon (47.9%) from the same month last year, and an increase of 68.7 cents per gallon (19.6%) from February 2022.

The average prices of regular gasoline within the State in March 2022 were as follows: Kauai, \$5.172; Wailuku, \$5.124; Hilo, \$5.013; and Oahu, \$4.881.

Diesel Fuel Prices:

The national average price for diesel in March 2022 was \$4.945 per gallon which was an increase of \$1.883 (61.5%) from the same month a year ago, and an increase of \$1.039 (26.6%) from February 2022.

Hawaii's average price for diesel in March 2022 was \$5.284 per gallon which increased \$1.091 (26.0%) per gallon from the same month last year and increased 49.7 cents per gallon (10.4%) from February 2022. Hawaii's diesel price was 33.9 cents per gallon (6.9%) higher than the national average.

In March 2022, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$5.548; Wailuku, \$5.522; Hilo, \$5.391; and Oahu, \$5.123.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in January 2022, as measured by the gasoline tax base, was 33.3 million gallons, which increased 2.0 million gallons (6.4%) from the same month a year ago. Gasoline in January 2022 was mainly consumed in Honolulu (58.2%), followed by Hawaii County (19.9%), Maui County (15.2%), and Kauai County (6.8%).

Highway Diesel Fuel Consumption:

Hawaii's January 2022 consumption for highway use diesel was 4.2 million gallons, which increased 1.1 million gallons (34.0%) from the same month last year. Highway use diesel in January 2022 was mainly consumed in Honolulu (59.6%), followed by Hawaii County (24.3%), Maui County (10.4%), and Kauai County (5.6%).

Aviation Fuel Consumption:

In January 2022, data from the Department of Taxation showed statewide aviation fuel consumption was 25.5 million gallons, which increased 10.9 million gallons (74.4%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (40.6%), Maui County (34.5%), Hawaii County (16.1%), and Kauai County (8.8%).

Registered Taxable Vehicles:

As of March 2022, there were 1,052,459 registered passenger vehicles in the state, an increase of 7,006 vehicles (0.7%) from the same month last year and an increase of 1,322 vehicles (0.1%) from February 2022. The number of passenger gasoline vehicles was 1,001,588, which was 95.2% of total passenger vehicles. It represents an increase of 1,040 vehicles (0.1%) from the same period last year, and an increase of 776 vehicles (0.1%) from February 2022.

In March 2022, the number of passenger electric vehicles in the state was 18,923, an increase of 4,892 vehicles (34.9%) from the same month last year, and an increase of 306 vehicles (1.6%) from February 2022. The number of passenger hybrid vehicles in the state in this month was 24,109, accounting for 2.3% of the total passenger vehicles. It represents an increase of 5.0% from the same month last year and an increase of 1.0% from February 2022.

In March 2022, there were 50,226 registered freight gasoline vehicles, a 2.0% increase from the same period last year, and a 0.1% increase from February 2022. The number of freight diesel vehicles in March 2022 was 23,852, a 0.2% decrease from the same period last year, and remained relative unchanged from February 2022.

Monthly Energy Trend: State						
Month of Mar - 2022						
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	March 22	108.26	73.2%	94.34	63.0%
Europe Brent Spot Price	\$ per Barrel	March 22	0.00	-100.0%	91.82	51.0%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	March 22	4.197	47.9%	3.675	42.4%
Gasoline -Mid Grade, National	\$ per Gallon	March 22	4.559	44.4%	4.028	38.8%
Gasoline -Premium, National	\$ per Gallon	March 22	4.836	41.1%	4.304	35.8%
Diesel, National	\$ per Gallon	March 22	4.945	61.5%	4.160	47.6%
Gasoline - Regular, State	\$ per Gallon	March 22	4.979	39.3%	4.603	34.5%
Gasoline -Mid Grade, State	\$ per Gallon	March 22	5.166	37.9%	4.803	33.3%
Gasoline -Premium, State	\$ per Gallon	March 22	5.422	36.0%	5.050	31.7%
Diesel, State	\$ per Gallon	March 22	5.284	26.0%	4.917	19.3%
Fuel Surcharges						
Matson Navigation Company	Percentage	March 22	38.50%	23.6%	38.50%	26.7%
Foreign Imports						
Crude Oil	1000 Barrels	January 22	1,985	-18.5%	1,985	-18.5%
Distillate	1000 Barrels	January 22	40	N/A	40	N/A
Jet Fuel, Kerosene	1000 Barrels	January 22	328	-48.8%	328	-48.8%
Residual Fuel Oil	1000 Barrels	January 22	-	N/A	-	N/A
Propane	1000 Barrels	January 22	98	78.2%	98	78.2%
Fuel Ethanol	1000 Barrels	January 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	January 22	349	85.6%	349	85.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	January 22	33,311,711	6.4%	33,311,711	6.4%
Diesel Oil (non-hwy)	Gallons	January 22	12,528,345	29.0%	12,528,345	29.0%
Diesel Oil (hwy use)	Gallons	January 22	4,155,321	34.0%	4,155,321	34.0%
LPG (off hwy)	Gallons	January 22	-	-	-	-
LPG (hwy use)	Gallons	January 22	1,320	-168.1%	1,320	-168.1%
Small Boat (gas)	Gallons	January 22	116,949	182.4%	116,949	182.4%
Small Boat (diesel)	Gallons	January 22	289,196	-56.5%	289,196	-56.5%
Aviation Fuel	Gallons	January 22	25,461,679	74.4%	25,461,679	74.4%
Other Fuel	Gallons	January 22	2,138,665	-6.8%	2,138,665	-6.8%
Agricultural Refund	Gallons	January 22	161,829	163.4%	161,829	163.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	March 22	18,923	34.9%	18,539	33.4%
Passenger, Diesel	Vehicle	March 22	7,400	1.8%	7,392	1.1%
Passenger, Gasoline	Vehicle	March 22	1,001,588	0.1%	1,001,032	-0.3%
Passenger, Hybrid	Vehicle	March 22	24,109	5.0%	23,915	4.1%
Passenger, Misc Fuel	Vehicle	March 22	439	-31.6%	448	-29.8%
Freight, Electric	Vehicle	March 22	30	15.4%	30	17.1%
Freight, Diesel	Vehicle	March 22	23,852	-0.2%	23,858	-0.3%
Freight, Gasoline	Vehicle	March 22	50,226	2.0%	50,177	1.6%
Freight, Hybrid	Vehicle	March 22	101	40.3%	91	26.9%
Freight, Misc Fuel	Vehicle	March 22	42	-31.1%	43	-36.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 21	509,307	0.6%	508,025	0.6%
Residential	Consumers	December 21	444,596	0.5%	443,528	0.7%
Commercial	Consumers	December 21	60,114	0.7%	59,906	0.3%
Street Lights	Consumers	December 21	4,597	0.1%	4,592	-0.2%
Electric Meters						
All sectors	Meters	December 21	508,236	0.5%	507,014	0.6%
Residential	Meters	December 21	444,566	0.5%	443,533	0.7%
Commercial	Meters	December 21	59,732	0.6%	59,545	0.2%
Street Lights	Meters	December 21	3,938	0.1%	3,936	0.0%
Electricity Sale (KWH sold)						
All Sectors	KWH	December 21	741,834,883	1.2%	8,696,259,055	1.9%
Residential	KWH	December 21	240,881,916	-0.1%	2,677,818,094	-0.9%
Commercial	KWH	December 21	498,592,675	1.4%	5,994,917,197	3.2%
Street Lights	KWH	December 21	2,360,292	32272.7%	23,523,764	9.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	249,616,482	27.3%	2,662,159,610	12.1%
Residential	Dollars	December 21	86,855,738	23.2%	911,321,149	9.8%
Commercial	Dollars	December 21	161,880,681	29.1%	1,742,374,592	13.2%
Street Lights	Dollars	December 21	880,064	498.6%	8,463,868	19.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	33.65	25.8%	30.61	10.0%
Residential	Cents/KWh	December 21	36.06	23.3%	34.03	10.8%
Commercial	Cents/KWh	December 21	32.47	27.4%	29.06	9.8%
Street Lights	Cents/KWh	December 21	37.29	-98.2%	35.98	9.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	779,917,504	0.4%	9,113,188,495	1.7%
Electricity Generated at the Electric Utility Stations	KWH	December 21	420,680,787	0.0%	4,981,022,256	-2.4%
- Generated by Steam	KWH	December 21	294,244,829	-0.8%	3,532,358,039	-3.8%
- Generated by Diesel	KWH	December 21	120,520,339	1.6%	1,372,246,971	1.1%
- Generated by Biodiesel	KWH	December 21	2,048,787	21.4%	26,525,903	-12.9%
- Generated by Solar	KWH	December 21	2,329,785	-28.9%	37,680,141	-3.5%
- Generated by Hydro and Wind	KWH	December 21	1,537,047	881.0%	12,211,202	49.4%
Electricity Purchased from Independent Power Plant	KWH	December 21	382,136,142	0.6%	4,425,637,436	6.6%
Electricity Used by Electric Utility Stations	KWH	December 21	22,888,630	-3.6%	293,515,507	-0.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	496,176	-0.7%	5,916,630	-3.3%
Total Cost of Oil Consumed	Dollars	December 21	49,230,710	79.7%	469,421,825	28.6%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	99.22	81.1%	79.34	33.0%
Month-end price per barrel	Dollars	December 21	92.27	68.4%	76.07	39.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.181	77.7%	0.142	33.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	221,458	6.2%	2,420,782	3.4%
Total Cost of Oil Consumed	Dollars	December 21	24,151,972	94.0%	209,338,154	27.0%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	109.06	82.7%	86.48	22.8%
Month-end price per barrel	Dollars	December 21	113.64	67.1%	95.11	30.1%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.201	82.5%	0.156	21.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	3,219	20.6%	41,649	-12.6%
Total Cost of Oil Consumed	Dollars	December 21	503,620	26.6%	-4,515,144	-158.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	156.45	5.0%	-108.41	-167.3%
Month-end price per barrel	Dollars	December 21	151.72	23.6%	50.20	-66.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.270	0.0%	-0.148	-154.1%

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., 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 Mar - 2022						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	March 22	4,881	41.6%	4,504	37.7%
Gasoline - Mid Grade	\$ per Gallon	March 22	5,108	38.9%	4,740	34.9%
Gasoline - Premium	\$ per Gallon	March 22	5,383	37.1%	5,008	33.3%
Diesel	\$ per Gallon	March 22	5,123	24.0%	4,807	17.9%
Foreign Imports						
Crude Oil	1000 Barrels	January 22	1,985	-18.5%	1,985	-18.5%
Distillate	1000 Barrels	January 22	40	N/A	40	N/A
Jet Fuel, Kerosene	1000 Barrels	January 22	328	-48.8%	328	-48.8%
Residual Fuel Oil	1000 Barrels	January 22	-	N/A	-	N/A
Propane	1000 Barrels	January 22	16	N/A	16	N/A
Fuel Ethanol	1000 Barrels	January 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	January 22	349	85.6%	349	85.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	January 22	19,388,055	1.5%	19,388,055	1.5%
Diesel Oil (non-hwy)	Gallons	January 22	5,162,456	151.7%	5,162,456	151.7%
Diesel Oil (hwy use)	Gallons	January 22	2,477,228	63.4%	2,477,228	63.4%
LPG (off hwy)	Gallons	January 22	-	-	-	-
LPG (hwy use)	Gallons	January 22	901	-145.7%	901	-145.7%
Small Boat (gas)	Gallons	January 22	80,146	478.3%	80,146	478.3%
Small Boat (diesel)	Gallons	January 22	289,196	-56.5%	289,196	-56.5%
Aviation Fuel	Gallons	January 22	10,342,917	70.7%	10,342,917	70.7%
Other Fuel	Gallons	January 22	105,799	83.5%	105,799	83.5%
Agricultural Refund	Gallons	January 22	96,083	204.6%	96,083	204.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	March 22	14,846	35.1%	14,552	33.4%
Passenger, Diesel	Vehicle	March 22	2,332	1.2%	2,339	0.8%
Passenger, Gasoline	Vehicle	March 22	596,160	0.4%	595,904	-0.1%
Passenger, Hybrid	Vehicle	March 22	16,760	6.4%	16,618	5.4%
Passenger, Misc Fuel	Vehicle	March 22	280	-22.4%	289	-19.8%
Freight, Electric	Vehicle	March 22	29	16.0%	29	17.8%
Freight, Diesel	Vehicle	March 22	10,778	-2.1%	10,803	-2.3%
Freight, Gasoline	Vehicle	March 22	34,302	1.6%	34,281	1.2%
Freight, Hybrid	Vehicle	March 22	91	44.4%	82	29.5%
Freight, Misc Fuel	Vehicle	March 22	33	-35.3%	34	-41.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 21	308,721	0.4%	308,098	0.5%
Residential	Consumers	December 21	274,980	0.4%	274,443	0.5%
Commercial	Consumers	December 21	33,298	0.4%	33,212	0.1%
Street Lights	Consumers	December 21	443	-0.4%	442	-1.2%
Electric Meters						
All Sectors	Meters	December 21	308,294	0.4%	307,691	0.5%
Residential	Meters	December 21	274,986	0.4%	274,450	0.5%
Commercial	Meters	December 21	33,190	0.3%	33,123	0.0%
Street Lights	Meters	December 21	118	-0.8%	119	-1.2%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 21	519,677,889	-1.1%	6,169,654,189	-0.2%
Residential	KWH	December 21	147,577,644	-2.6%	1,650,170,771	-4.9%
Commercial	KWH	December 21	370,474,214	-1.1%	4,504,338,333	1.6%
Street Lights	KWH	December 21	1,626,031	-330.9%	15,145,085	14.3%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	167,570,048	27.4%	1,772,183,373	11.3%
Residential	Dollars	December 21	51,592,850	22.9%	535,801,444	7.4%
Commercial	Dollars	December 21	115,395,283	28.8%	1,231,165,038	13.0%
Street Lights	Dollars	December 21	581,915	-685.6%	5,216,891	30.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	32.24	28.9%	28.72	11.5%
Residential	Cents/KWh	December 21	34.96	26.3%	32.47	13.0%
Commercial	Cents/KWh	December 21	31.15	30.2%	27.33	11.2%
Street Lights	Cents/KWh	December 21	35.79	153.6%	34.45	13.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	545,938,718	-1.7%	6,435,738,221	-0.6%
Electricity Generated at the Electric Utility Stations	KWH	December 21	282,479,766	1.1%	3,389,809,640	-2.8%
- Generated by Steam	KWH	December 21	265,689,718	0.7%	3,196,266,572	-3.5%
- Generated by Diesel	KWH	December 21	12,411,476	17.0%	129,337,024	22.3%
- Generated by Biodiesel	KWH	December 21	2,048,787	21.4%	26,525,903	-12.9%
- Generated by Solar	KWH	December 21	2,329,785	-28.9%	37,680,141	-3.5%
- Generated by Hydro and Wind	KWH	December 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 21	280,456,511	-4.5%	3,269,765,930	1.9%
Electricity Used by Electric Utility Stations	KWH	December 21	16,997,559	-3.8%	223,837,347	-0.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	434,891	1.6%	5,190,670	-3.0%
Total Cost of Oil Consumed	Dollars	December 21	43,769,618	84.9%	417,325,053	28.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	100.65	82.0%	80.40	32.7%
Month-end price per barrel	Dollars	December 21	101.33	82.7%	83.06	43.3%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.180	80.0%	0.141	33.1%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	44,250	39.0%	365,992	18.5%
Total Cost of Oil Consumed	Dollars	December 21	4,571,646	157.9%	30,008,788	34.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	103.31	85.6%	81.99	13.2%
Month-end price per barrel	Dollars	December 21	101.23	82.8%	80.56	25.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.310	72.2%	0.230	6.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	3,219	20.6%	41,649	-12.6%
Total Cost of Oil Consumed	Dollars	December 21	503,620	26.6%	-4,515,144	-158.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	156.45	5.0%	-108.41	-167.3%
Month-end price per barrel	Dollars	December 21	151.72	23.6%	50.20	-66.6%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.270	0.0%	-0.148	-154.1%
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	March 22	0.18629	51.4%	0.17620	49.0%

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., 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 Mar - 2022						
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	March 22	5.124	40.1%	4.757	32.7%
Gasoline - Mid Grade	\$ per Gallon	March 22	5.331	38.0%	4.962	31.2%
Gasoline - Premium	\$ per Gallon	March 22	5.507	35.6%	5.146	30.0%
Diesel	\$ per Gallon	March 22	5.522	29.1%	5.062	21.9%
Foreign Imports						
Crude Oil	1000 Barrels	January 22	-	N/A	-	N/A
Distillate	1000 Barrels	January 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	January 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	January 22	-	N/A	-	N/A
Propane	1000 Barrels	January 22	29	20.8%	29	20.8%
Fuel Ethanol	1000 Barrels	January 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	January 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	January 22	5,051,097	13.9%	5,051,097	13.9%
Diesel Oil (non-hwy)	Gallons	January 22	3,772,310	-21.4%	3,772,310	-21.4%
Diesel Oil (hwy use)	Gallons	January 22	433,476	1.8%	433,476	1.8%
LPG (off hwy)	Gallons	January 22	-	N/A	-	N/A
LPG (hwy use)	Gallons	January 22	-	N/A	-	N/A
Small Boat (gas)	Gallons	January 22	9,812	214.3%	9,812	214.3%
Small Boat (diesel)	Gallons	January 22	-	N/A	-	N/A
Aviation Fuel	Gallons	January 22	8,789,932	61.7%	8,789,932	61.7%
Other Fuel	Gallons	January 22	21,595	-192.2%	21,595	-192.2%
Agricultural Refund	Gallons	January 22	23,267	50.4%	23,267	50.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	March 22	2,165	30.0%	2,123	29.9%
Passenger, Diesel	Vehicle	March 22	1,358	1.8%	1,359	1.6%
Passenger, Gasoline	Vehicle	March 22	154,810	-0.2%	154,591	-0.5%
Passenger, Hybrid	Vehicle	March 22	3,245	-1.2%	3,213	-2.1%
Passenger, Misc Fuel	Vehicle	March 22	110	-50.2%	110	-49.9%
Freight, Electric	Vehicle	March 22	-	N/A	-	N/A
Freight, Diesel	Vehicle	March 22	3,704	1.6%	3,702	1.6%
Freight, Gasoline	Vehicle	March 22	6,776	2.9%	6,769	2.8%
Freight, Hybrid	Vehicle	March 22	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	March 22	5	0.0%	5	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 21	68,757	0.7%	68,568	0.9%
Residential	Consumers	December 21	58,907	0.6%	58,785	1.1%
Commercial	Consumers	December 21	9,644	1.0%	9,578	0.2%
Street Lights	Consumers	December 21	206	-1.0%	205	-3.2%
Electric Meters						
All Sectors	Meters	December 21	68,505	0.6%	68,351	0.9%
Residential	Meters	December 21	58,871	0.6%	58,784	1.0%
Commercial	Meters	December 21	9,622	1.0%	9,556	0.1%
Street Lights	Meters	December 21	12	9.1%	11	2.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 21	86,034,701	6.4%	983,972,039	9.5%
Residential	KWH	December 21	34,218,906	3.2%	378,983,447	5.8%
Commercial	KWH	December 21	51,428,550	8.7%	600,407,950	12.2%
Street Lights	KWH	December 21	387,245	0.9%	4,580,642	-0.3%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	30,248,543	28.4%	335,010,753	13.1%
Residential	Dollars	December 21	12,069,607	23.6%	132,072,676	10.6%
Commercial	Dollars	December 21	18,049,112	31.9%	201,484,633	14.9%
Street Lights	Dollars	December 21	129,824	23.1%	1,453,444	3.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	35.16	20.7%	34.05	3.3%
Residential	Cents/KWh	December 21	35.27	19.8%	34.85	4.6%
Commercial	Cents/KWh	December 21	35.10	21.3%	33.56	2.4%
Street Lights	Cents/KWh	December 21	33.53	22.0%	31.73	3.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	90,095,258	4.3%	1,038,578,255	9.9%
Electricity Generated at the Electric Utility Stations	KWH	December 21	69,637,111	2.3%	789,902,324	10.2%
- Generated by Steam	KWH	December 21	11,751,981	-31.5%	142,376,925	1.1%
- Generated by Diesel	KWH	December 21	57,885,130	13.7%	647,525,399	12.4%
- Generated by Hydro and Wind	KWH	December 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 21	23,803,408	11.0%	285,516,995	8.2%
Electricity Used by Electric Utility Stations	KWH	December 21	3,345,261	5.2%	36,841,064	3.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	27,142	-29.7%	322,893	-0.1%
Total Cost of Oil Consumed	Dollars	December 21	2,373,450	24.7%	22,521,662	33.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	87.45	77.4%	69.75	33.6%
Month-end price per barrel	Dollars	December 21	85.14	57.2%	72.33	41.1%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.200	81.8%	0.157	32.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	90,856	12.5%	1,011,687	12.3%
Total Cost of Oil Consumed	Dollars	December 21	10,062,792	112.7%	86,252,881	34.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	110.76	89.1%	85.26	20.0%
Month-end price per barrel	Dollars	December 21	106.22	77.4%	88.23	28.9%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.170	88.9%	0.131	17.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	-	N/A	-	N/A
Month-end price per barrel	Dollars	December 21	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	-	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	March 22	0.22118	36.8%	0.21167	39.6%

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: Lanai
Month of Mar - 2022

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 21	1,758	0.5%	1,750	0.3%
Residential	Consumers	December 21	1,500	0.3%	1,494	0.2%
Commercial	Consumers	December 21	254	1.6%	252	0.7%
Street Lights	Consumers	December 21	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	December 21	1,761	0.5%	1,753	0.3%
Residential	Meters	December 21	1,500	0.3%	1,494	0.2%
Commercial	Meters	December 21	260	1.6%	258	0.6%
Street Lights	Meters	December 21	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 21	2,900,594	0.8%	34,698,858	10.6%
Residential	KWH	December 21	780,001	-0.7%	8,815,364	4.2%
Commercial	KWH	December 21	2,110,014	1.4%	25,756,980	13.1%
Street Lights	KWH	December 21	10,579	0.6%	126,514	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	1,370,316	36.6%	14,526,121	24.7%
Residential	Dollars	December 21	369,598	36.9%	3,680,702	19.5%
Commercial	Dollars	December 21	995,794	36.5%	10,793,027	26.6%
Street Lights	Dollars	December 21	4,924	35.8%	52,392	14.5%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	47.24	35.5%	41.86	12.7%
Residential	Cents/KWh	December 21	47.38	37.9%	41.75	14.7%
Commercial	Cents/KWh	December 21	47.19	34.7%	41.90	12.0%
Street Lights	Cents/KWh	December 21	46.55	35.0%	41.41	14.4%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	3,059,558	2.0%	36,445,644	10.4%
Electricity Generated at the Electric Utility Stations	KWH	December 21	3,096,440	3.6%	36,564,450	11.0%
- Generated by Steam	KWH	December 21	-	N/A	-	N/A
- Generated by Diesel	KWH	December 21	3,096,440	3.6%	36,564,450	11.0%
- Generated by Hydro and Wind	KWH	December 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 21	42,683	-48.6%	769,153	-21.7%
Electricity Used by Electric Utility Stations	KWH	December 21	68,770	-1.4%	932,274	3.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	5,441	2.7%	63,958	12.3%
Total Cost of Oil Consumed	Dollars	December 21	788,802	68.3%	7,730,434	43.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	144.97	63.9%	120.87	28.0%
Month-end price per barrel	Dollars	December 21	139.29	44.9%	124.00	32.4%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.250	56.3%	0.211	28.4%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	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	March 22	0.31445	42.3%	0.29349	41.5%

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: Molokai Month of Mar - 2022						
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 21	3,273	0.1%	3,270	0.4%
Residential	Consumers	December 21	2,723	0.1%	2,721	0.4%
Commercial	Consumers	December 21	541	0.4%	540	0.5%
Street Lights	Consumers	December 21	9	0.0%	9	-0.9%
Electric Meters						
All Sectors	Meters	December 21	3,259	0.1%	3,256	0.4%
Residential	Meters	December 21	2,723	0.1%	2,721	0.4%
Commercial	Meters	December 21	536	0.4%	535	0.5%
Street Lights	Meters	December 21	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 21	2,357,442	-6.1%	28,995,462	-0.2%
Residential	KWH	December 21	1,047,493	1.8%	11,547,710	1.0%
Commercial	KWH	December 21	1,271,663	-11.7%	17,006,619	-1.2%
Street Lights	KWH	December 21	38,286	-8.4%	441,133	8.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	957,541	19.4%	11,011,038	9.5%
Residential	Dollars	December 21	412,410	23.5%	4,484,656	10.7%
Commercial	Dollars	December 21	530,374	16.5%	6,365,828	8.5%
Street Lights	Dollars	December 21	14,757	13.9%	160,554	20.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	40.62	27.1%	37.98	9.8%
Residential	Cents/KWh	December 21	39.37	21.3%	38.84	9.6%
Commercial	Cents/KWh	December 21	41.71	31.9%	37.43	9.8%
Street Lights	Cents/KWh	December 21	38.54	24.3%	36.40	11.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	2,639,492	-4.3%	31,802,919	-0.7%
Electricity Generated at the Electric Utility Stations	KWH	December 21	2,761,940	-4.1%	33,133,440	-0.5%
- Generated by Steam	KWH	December 21	-	N/A	-	N/A
- Generated by Diesel	KWH	December 21	2,761,940	-4.1%	33,133,440	-0.5%
- Generated by Hydro and Wind	KWH	December 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 21	457	-23.6%	5,977	7.8%
Electricity Used by Electric Utility Stations	KWH	December 21	122,905	1.9%	1,336,495	2.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	4,604	-7.3%	56,444	-0.3%
Total Cost of Oil Consumed	Dollars	December 21	445,818	45.1%	4,941,066	20.6%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	96.83	56.5%	87.54	21.0%
Month-end price per barrel	Dollars	December 21	103.71	56.5%	90.19	23.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.160	45.5%	0.147	17.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	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	March 22	0.24300	60.3%	0.23217	53.5%

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: Hawaii						
Month of Mar - 2022						
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	March 22	5.013	34.1%	4.610	28.2%
Gasoline - Mid Grade	\$ per Gallon	March 22	5.192	32.1%	4.815	27.0%
Gasoline - Premium	\$ per Gallon	March 22	5.510	31.8%	5.114	26.0%
Diesel	\$ per Gallon	March 22	5.391	27.8%	4.964	19.3%
Foreign Imports						
Crude Oil	1000 Barrels	January 22	-	N/A	-	N/A
Distillate	1000 Barrels	January 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	January 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	January 22	-	N/A	-	N/A
Propane	1000 Barrels	January 22	39	62.5%	39	62.5%
Fuel Ethanol	1000 Barrels	January 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	January 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	January 22	6,620,346	10.7%	6,620,346	10.7%
Diesel Oil (non-hwy)	Gallons	January 22	2,950,259	8.7%	2,950,259	8.7%
Diesel Oil (hwy use)	Gallons	January 22	1,010,311	7.6%	1,010,311	7.6%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	January 22	419	1170.8%	419	1170.8%
Small Boat (gas)	Gallons	January 22	26,991	10.5%	26,991	10.5%
Small Boat (diesel)	Gallons	January 22	-	N/A	-	N/A
Aviation Fuel	Gallons	January 22	4,089,258	42.1%	4,089,258	42.1%
Other Fuel	Gallons	January 22	1,009,124	-19.2%	1,009,124	-19.2%
Agricultural Refund	Gallons	January 22	26,215	106.3%	26,215	106.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	March 22	1,356	43.0%	1,315	40.6%
Passenger, Diesel	Vehicle	March 22	2,804	1.9%	2,794	1.1%
Passenger, Gasoline	Vehicle	March 22	177,580	-0.1%	177,560	-0.3%
Passenger, Hybrid	Vehicle	March 22	3,062	4.4%	3,048	4.1%
Passenger, Misc Fuel	Vehicle	March 22	42	-10.6%	43	-7.9%
Freight, Electric	Vehicle	March 22	-	N/A	-	N/A
Freight, Diesel	Vehicle	March 22	7,056	1.8%	7,044	1.7%
Freight, Gasoline	Vehicle	March 22	7,099	2.4%	7,087	1.9%
Freight, Hybrid	Vehicle	March 22	6	20.0%	5	14.3%
Freight, Misc Fuel	Vehicle	March 22	3	-25.0%	3	-25.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December 21	88,103	0.9%	87,746	0.8%
Residential	Consumers	December 21	76,603	0.8%	76,281	0.9%
Commercial	Consumers	December 21	11,334	0.8%	11,301	0.5%
Street Lights	Consumers	December 21	166	3.8%	165	0.4%
Electric Meters						
All Sectors	Meters	December 21	87,722	0.8%	87,369	0.8%
Residential	Meters	December 21	76,603	0.8%	76,281	0.9%
Commercial	Meters	December 21	11,081	0.8%	11,050	0.3%
Street Lights	Meters	December 21	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December 21	93,329,205	7.1%	1,043,782,863	6.7%
Residential	KWH	December 21	40,905,942	4.2%	442,057,241	7.5%
Commercial	KWH	December 21	52,188,758	9.4%	599,263,577	6.1%
Street Lights	KWH	December 21	234,505	11.1%	2,462,045	3.4%
Net Revenue of Utility Companies						
All Sectors	Dollars	December 21	35,787,897	28.5%	375,774,469	14.1%
Residential	Dollars	December 21	16,291,962	25.2%	167,615,955	15.9%
Commercial	Dollars	December 21	19,404,877	31.4%	207,261,782	12.8%
Street Lights	Dollars	December 21	91,058	32.0%	896,732	6.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December 21	38.35	20.0%	36.00	7.0%
Residential	Cents/KWh	December 21	39.83	20.1%	37.92	7.8%
Commercial	Cents/KWh	December 21	37.18	20.1%	34.59	6.3%
Street Lights	Cents/KWh	December 21	38.83	18.8%	36.42	2.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December 21	98,278,595	5.9%	1,112,123,296	6.7%
Electricity Generated at the Electric Utility Stations	KWH	December 21	43,345,282	-13.6%	540,944,133	-16.7%
- Generated by Steam	KWH	December 21	16,803,130	7.1%	193,714,542	-10.7%
- Generated by Diesel	KWH	December 21	25,528,752	-25.9%	338,146,771	-20.8%
- Generated by Hydro and Wind	KWH	December 21	1,013,400	#DIV/0!	9,082,820	66.0%
Electricity Purchased from Independent Power Plant	KWH	December 21	56,757,437	26.0%	597,548,529	41.5%
Electricity Used by Electric Utility Stations	KWH	December 21	1,824,124	-25.0%	26,369,366	-10.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	34,143	3.5%	403,067	-9.6%
Total Cost of Oil Consumed	Dollars	December 21	3,087,642	70.3%	29,575,110	22.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	90.43	64.5%	73.38	35.8%
Month-end price per barrel	Dollars	December 21	90.34	64.8%	72.80	34.2%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.180	50.0%	0.153	35.6%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	43,900	-21.9%	591,505	-15.1%
Total Cost of Oil Consumed	Dollars	December 21	4,657,329	39.1%	50,510,298	5.0%
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	106.09	78.0%	85.39	23.6%
Month-end price per barrel	Dollars	December 21	102.92	82.4%	83.39	25.2%
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.220	83.3%	0.177	28.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 21	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 21	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	December 21	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 21	0.000	N/A	0.000	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	March 22	0.22943	52.0%	0.21415	48.9%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

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

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

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

Registered Vehicles, City and County Honolulu

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

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

Research & Economic Analysis Division.

Monthly Energy Trend: Kauai
Month of Mar - 2022

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	March-22	5.172	34.3%	4.857	30.0%
Gasoline - Mid Grade	\$ per Gallon	March-22	5.342	33.2%	5.067	29.3%
Gasoline - Premium	\$ per Gallon	March-22	5.527	32.3%	5.224	29.0%
Diesel	\$ per Gallon	March-22	5.548	24.4%	5.258	20.6%
Foreign Imports						
Crude Oil	1000 Barrels	January-22	-	N/A	-	N/A
Distillate	1000 Barrels	January-22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	January-22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	January-22	-	N/A	-	N/A
Propane	1000 Barrels	January-22	14	100.0%	14	100.0%
Fuel Ethanol	1000 Barrels	January-22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	January-22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	January 22	2,252,213	24.9%	2,252,213	24.9%
Diesel Oil (non-hwy)	Gallons	January 22	643,320	330.7%	643,320	330.7%
Diesel Oil (hwy use)	Gallons	January 22	234,306	6.5%	234,306	6.5%
LPG (off hwy)	Gallons	January 22	-	N/A	-	N/A
LPG (hwy use)	Gallons	January 22	-	N/A	-	N/A
Small Boat (gas)	Gallons	January 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	January 22	-	N/A	-	N/A
Aviation Fuel	Gallons	January 22	2,239,572	878.7%	2,239,572	878.7%
Other Fuel	Gallons	January 22	1,002,147	-0.9%	1,002,147	-0.9%
Agricultural Refund	Gallons	January 22	16,264	850.0%	16,264	850.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	March-22	556	29.9%	548	31.6%
Passenger, Diesel	Vehicle	March-22	906	2.7%	900	1.2%
Passenger, Gasoline	Vehicle	March-22	73,038	-0.9%	72,977	-1.3%
Passenger, Hybrid	Vehicle	March-22	1,042	5.1%	1,036	4.6%
Passenger, Misc Fuel	Vehicle	March-22	7	-46.2%	7	-46.2%
Freight, Electric	Vehicle	March-22	1	0.0%	1	0.0%
Freight, Diesel	Vehicle	March-22	2,314	0.2%	2,308	0.1%
Freight, Gasoline	Vehicle	March-22	2,049	3.7%	2,040	3.2%
Freight, Hybrid	Vehicle	March-22	1	0.0%	1	0.0%
Freight, Misc Fuel	Vehicle	March-22	1	0.0%	1	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	February-22	38,710	0.6%	38,704	0.6%
Residential	Consumers	February-22	29,890	0.6%	29,889	0.6%
Commercial	Consumers	February-22	5,052	1.2%	5,047	1.1%
Street Lights	Consumers	February-22	3,768	0.1%	3,769	0.1%
Electric Meters						
All Sectors	Meters	February-22	38,710	0.6%	38,704	0.6%
Residential	Meters	February-22	29,890	0.6%	29,889	0.6%
Commercial	Meters	February-22	5,052	1.2%	5,047	1.1%
Street Lights	Meters	February-22	3,768	0.1%	3,769	0.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	February-22	32,889,373	14.1%	69,077,859	12.6%
Residential	KWH	February-22	13,448,313	6.2%	29,037,667	7.3%
Commercial	KWH	February-22	19,377,374	20.5%	39,912,807	16.9%
Street Lights	KWH	February-22	63,686	-0.8%	127,385	-0.8%
Net Revenue of Utility Companies						
All Sectors	Dollars	February-22	12,335,334	23.9%	25,538,377	19.1%
Residential	Dollars	February-22	5,185,336	12.3%	11,045,961	14.0%
Commercial	Dollars	February-22	7,092,147	34.3%	14,376,567	23.5%
Street Lights	Dollars	February-22	57,851	2.1%	115,849	2.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	February-22	37.51	8.6%	36.97	5.8%
Residential	Cents/KWh	February-22	38.56	5.8%	38.04	6.3%
Commercial	Cents/KWh	February-22	36.60	11.5%	36.02	5.7%
Street Lights	Cents/KWh	February-22	90.84	2.9%	90.94	3.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	February-22	33,992,794	11.4%	71,521,517	11.5%
Electricity Generated at the Electric Utility Stations	KWH	February-22	12,831,356	18.0%	28,623,758	15.9%
- Generated by Steam	KWH	February-22	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	February-22	12,636,248	16.2%	28,133,884	14.1%
- Generated by Hydro and Wind	KWH	February-22	195,108	N/A	489,874	1117.7%
Electricity Purchased from Independent Power Plant	KWH	February-22	21,556,623	9.2%	43,772,157	10.2%
Electricity Used by Electric Utility Stations	KWH	February-22	395,185	303.5%	874,398	191.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	February-22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	February-22	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	February-22	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	February-22	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	February-22	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	February-22	22,563	7.9%	50,625	10.6%
Total Cost of Oil Consumed	Dollars	February-22	2,291,488	59.5%	5,136,447	72.0%
Ave Cost/Bbl of Oil Consumed	Dollars	February-22	101.56	47.8%	101.46	55.6%
Month-end price per barrel	Dollars	February-22	132.76	61.2%	122.54	47.6%
Cost of Oil/KWH Generated	Dollar/KWH	February-22	0.181	37.3%	0.182	49.2%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	March-22	0.01412	419.8%	0.01059	218.8%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
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