

MONTHLY ENERGY TREND HIGHLIGHTS

January 2023 Highlights

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Crude Oil Prices:

In January 2023, the crude oil price decreased from the same month last year but increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$78.34 per barrel in January 2023 which was down \$4.68 (5.6%) per barrel from the same month last year. Compared to December 2022, it was an increase of \$1.61 (2.1%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.9 million barrels of foreign crude oil in November 2022. This was an increase of 1.2 million barrels (68.5%) from the same month last year. Compared to October 2022, it was an increase of 0.9 million barrels (46.4%).

Gasoline Prices:

In January 2023, the regular gasoline price in Hawaii averaged \$4.979 per gallon, which was \$1.621 per gallon (48.3%) higher than the national average for the same month.

Hawaii's regular gasoline price in January 2023 was an increase of 63.3 cents per gallon (14.6%) from the same month last year, but a decrease of 13.3 cents per gallon (2.6%) from December 2022.

The national average price for regular gasoline in January 2023 was \$3.359 per gallon, an increase of 4.0 cents per gallon (1.2%) from the same month last year, and an increase of 13.6 cents per gallon (4.2%) from December 2022.

The average prices of regular gasoline within the State in January 2023 were as follows: Kauai, \$5.407; Wailuku, \$4.992; Hilo, \$4.952; and Oahu, \$4.919.

Diesel Fuel Prices:

The national average price for diesel in January 2023 was \$4.645 per gallon which was an increase of \$1.016 (28.0%) from the same month a year ago, but a decrease of 19.4 cents (4.0%) from December 2022.

Hawaii's average price for diesel in January 2023 was \$6.056 per gallon which increased \$1.375 (29.4%) per gallon from the same month last year but decreased 1.5 cents per gallon (0.2%) from December 2022. Hawaii's diesel price was \$1.410 per gallon (30.4%) higher than the national average.

In January 2023, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$6.609; Wailuku, \$6.176; Hilo, \$6.141; and Oahu, \$5.944.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in November 2022, as measured by the gasoline tax base, was 34.7 million gallons, which increased 0.7 million gallons (2.0%) from the same month a year ago. Gasoline in November 2022 was mainly consumed in Honolulu (58.9%), followed by Hawaii County (19.6%), Maui County (14.8%), and Kauai County (6.8%).

Highway Diesel Fuel Consumption:

Hawaii's November 2022 consumption for highway use diesel was 3.7 million gallons, which decreased 43.8 thousand gallons (1.2%) from the same month last year. Highway use diesel in November 2022 was mainly consumed in Honolulu (53.3%), followed by Hawaii County (26.2%), Maui County (13.2%), and Kauai County (7.3%).

Aviation Fuel Consumption:

In November 2022, data from the Department of Taxation showed statewide aviation fuel consumption was 24.8 million gallons, which decreased 0.1 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 (42.0%), Maui County (32.5%), Hawaii County (15.9%), and Kauai County (9.6%).

Registered Taxable Vehicles:

As of January 2023, there were 1,065,529 registered passenger vehicles in the state, an increase of 15,145 vehicles (1.4%) from the same month last year and an increase of 1,615 vehicles (0.2%) from December 2022. The number of passenger gasoline vehicles was 1,009,233, which was 94.7% of total passenger vehicles. It represents an increase of 8,537 vehicles (0.9%) from the same period last year, and an increase of 986 vehicles (0.1%) from December 2022.

In January 2023, the number of passenger electric vehicles in the state was 22,806, an increase of 4,730 vehicles (26.2%) from the same month last year, and an increase of 557 vehicles (2.5%) from December 2022. The number of passenger hybrid vehicles in the state in this month was 25,807, 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 0.3% from December 2022.

In January 2023, there were 50,781 registered freight gasoline vehicles, a 1.3% increase from the same period last year, and a 0.1% increase from December 2022. The number of freight diesel vehicles in January 2023 was 23,890, a 0.1% increase from the same period last year, but a 0.2% decrease from December 2022.

Monthly Energy Trend: State						
Month of Jan - 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	January 23	78.34	-5.6%	78.34	-5.6%
Europe Brent Spot Price	\$ per Barrel	January 23	82.49	-4.6%	82.49	-4.6%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	January 23	3.359	1.2%	3.359	1.2%
Gasoline -Mid Grade, National	\$ per Gallon	January 23	3.765	2.4%	3.765	2.4%
Gasoline -Premium, National	\$ per Gallon	January 23	4.088	3.4%	4.088	3.4%
Diesel, National	\$ per Gallon	January 23	4.645	28.0%	4.645	28.0%
Gasoline - Regular, State	\$ per Gallon	January 23	4.979	14.6%	4.979	14.6%
Gasoline -Mid Grade, State	\$ per Gallon	January 23	5.215	14.5%	5.215	14.5%
Gasoline -Premium, State	\$ per Gallon	January 23	5.452	13.8%	5.452	13.8%
Diesel, State	\$ per Gallon	January 23	6.056	29.4%	6.056	29.4%
Fuel Surcharges						
Matson Navigation Company	Percentage	January 23	48.00%	24.7%	48.00%	24.7%
Foreign Imports						
Crude Oil	1000 Barrels	November 22	2,926	68.5%	22,119	-5.2%
Distillate	1000 Barrels	November 22	52	73.3%	397	530.2%
Jet Fuel, Kerosene	1000 Barrels	November 22	1,057	228.3%	8,418	63.6%
Residual Fuel Oil	1000 Barrels	November 22	-	N/A	-	N/A
Propane	1000 Barrels	November 22	51	-53.6%	792	3.5%
Fuel Ethanol	1000 Barrels	November 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 22	507	153.5%	4,512	21.2%
Liquid Fuel Tax Base						
Gasoline	Gallons	November 22	34,676,378	2.0%	384,459,261	0.8%
Diesel Oil (non-hwy)	Gallons	November 22	13,538,525	11.6%	143,728,059	19.2%
Diesel Oil (hwy use)	Gallons	November 22	3,708,694	-1.2%	48,721,921	16.3%
LPG (off hwy)	Gallons	November 22	-	-	-	-
LPG (hwy use)	Gallons	November 22	251	-85.5%	18,568	-1.1%
Small Boat (gas)	Gallons	November 22	93,039	-13.9%	1,172,485	69.3%
Small Boat (diesel)	Gallons	November 22	296,632	-1.0%	4,002,075	-13.8%
Aviation Fuel	Gallons	November 22	24,750,760	-0.6%	280,767,710	15.3%
Other Fuel	Gallons	November 22	2,374,841	-8.3%	24,728,192	5.6%
Agricultural Refund	Gallons	November 22	9,314	-39.1%	1,204,647	155.2%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 23	22,806	26.2%	22,806	26.2%
Passenger, Diesel	Vehicle	January 23	7,348	-0.6%	7,348	-0.6%
Passenger, Gasoline	Vehicle	January 23	1,009,233	0.9%	1,009,233	0.9%
Passenger, Hybrid	Vehicle	January 23	25,807	8.6%	25,807	8.6%
Passenger, Misc Fuel	Vehicle	January 23	335	-26.9%	335	-26.9%
Freight, Electric	Vehicle	January 23	68	134.5%	68	134.5%
Freight, Diesel	Vehicle	January 23	23,890	0.1%	23,890	0.1%
Freight, Gasoline	Vehicle	January 23	50,781	1.3%	50,781	1.3%
Freight, Hybrid	Vehicle	January 23	139	69.5%	139	69.5%
Freight, Misc Fuel	Vehicle	January 23	33	-26.7%	33	-26.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	509,887	0.2%	509,710	0.4%
Residential	Consumers	September 22	445,132	0.3%	444,883	0.4%
Commercial	Consumers	September 22	60,149	0.2%	60,227	0.6%
Street Lights	Consumers	September 22	4,606	0.3%	4,600	0.2%
Electric Meters						
All sectors	Meters	September 22	508,828	0.2%	508,561	0.4%
Residential	Meters	September 22	445,186	0.3%	444,912	0.4%
Commercial	Meters	September 22	59,681	0.0%	59,703	0.4%
Street Lights	Meters	September 22	3,961	0.6%	3,946	0.3%
Electricity Sale (KWH sold)						
All Sectors	KWH	September 22	778,951,228	5.6%	6,541,698,688	1.5%
Residential	KWH	September 22	228,687,533	1.3%	1,930,939,135	-2.5%
Commercial	KWH	September 22	548,167,750	7.3%	4,601,984,429	3.5%
Street Lights	KWH	September 22	2,095,945	63.4%	8,775,124	-54.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	334,416,353	43.4%	2,583,759,286	33.4%
Residential	Dollars	September 22	106,631,718	33.9%	839,822,841	26.4%
Commercial	Dollars	September 22	226,948,965	48.3%	1,738,070,605	37.3%
Street Lights	Dollars	September 22	835,670	52.1%	5,865,840	-11.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	42.93	35.8%	39.50	31.5%
Residential	Cents/KWh	September 22	46.63	32.2%	43.49	29.6%
Commercial	Cents/KWh	September 22	41.40	38.1%	37.77	32.7%
Street Lights	Cents/KWh	September 22	39.87	-6.9%	66.85	95.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	812,890,266	3.1%	6,874,052,574	1.8%
Electricity Generated at the Electric Utility Stations	KWH	September 22	535,385,196	29.8%	3,973,132,129	7.1%
- Generated by Steam	KWH	September 22	391,900,117	32.8%	2,811,150,603	6.4%
- Generated by Diesel	KWH	September 22	139,054,236	25.8%	1,111,438,882	10.4%
- Generated by Biodiesel	KWH	September 22	1,764,126	-26.6%	14,588,197	-32.2%
- Generated by Solar	KWH	September 22	3,363,134	1.4%	29,008,236	-1.6%
- Generated by Hydro and Wind	KWH	September 22	303,583	-73.7%	7,946,212	-6.8%
Electricity Purchased from Independent Power Plant	KWH	September 22	305,951,468	-23.6%	3,129,006,680	-4.2%
Electricity Used by Electric Utility Stations	KWH	September 22	28,446,398	18.2%	228,086,235	3.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	650,503	31.7%	4,698,423	6.5%
Total Cost of Oil Consumed	Dollars	September 22	107,714,402	147.8%	634,321,900	92.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	165.59	88.1%	135.01	80.4%
Month-end price per barrel	Dollars	September 22	122.65	49.8%	116.87	62.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.294	82.7%	0.239	79.0%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	254,593	23.9%	1,924,993	9.2%
Total Cost of Oil Consumed	Dollars	September 22	38,964,658	101.4%	268,983,845	88.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	153.05	62.6%	139.73	72.4%
Month-end price per barrel	Dollars	September 22	167.97	67.2%	154.01	71.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.292	65.8%	0.253	72.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	2,774	-26.7%	22,885	-32.2%
Total Cost of Oil Consumed	Dollars	September 22	558,224	15.6%	4,238,389	-174.3%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	201.23	57.6%	185.20	-209.6%
Month-end price per barrel	Dollars	September 22	186.09	44.0%	179.62	859.8%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.350	59.1%	0.347	-221.4%

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., 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 Jan - 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	January 23	4,919	15.9%	4,919	15.9%
Gasoline - Mid Grade	\$ per Gallon	January 23	5,179	15.3%	5,179	15.3%
Gasoline - Premium	\$ per Gallon	January 23	5,435	14.4%	5,435	14.4%
Diesel	\$ per Gallon	January 23	5,944	29.1%	5,944	29.1%
Foreign Imports						
Crude Oil	1000 Barrels	November 22	2,926	68.5%	22,119	-5.2%
Distillate	1000 Barrels	November 22	52	73.3%	397	530.2%
Jet Fuel, Kerosene	1000 Barrels	November 22	1,057	228.3%	8,418	63.6%
Residual Fuel Oil	1000 Barrels	November 22	-	N/A	-	N/A
Propane	1000 Barrels	November 22	-	N/A	45	60.7%
Fuel Ethanol	1000 Barrels	November 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 22	507	153.5%	4,512	21.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	November 22	20,409,379	1.8%	223,887,301	-2.2%
Diesel Oil (non-hwy)	Gallons	November 22	5,889,335	29.1%	56,682,029	42.4%
Diesel Oil (hwy use)	Gallons	November 22	1,977,857	-2.8%	29,185,789	36.7%
LPG (off hwy)	Gallons	November 22	208	-87.6%	16,598	-4.8%
LPG (hwy use)	Gallons	November 22	62,689	-13.1%	816,342	148.1%
Small Boat (gas)	Gallons	November 22	296,632	-1.0%	4,002,075	-13.8%
Small Boat (diesel)	Gallons	November 22	10,397,780	5.1%	116,186,589	22.1%
Aviation Fuel	Gallons	November 22	116,171	1.7%	1,088,843	-12.9%
Other Fuel	Gallons	November 22	2,428	-71.0%	614,903	110.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 23	17,627	24.3%	17,627	24.3%
Passenger, Diesel	Vehicle	January 23	2,312	-1.7%	2,312	-1.7%
Passenger, Gasoline	Vehicle	January 23	595,397	-0.1%	595,397	-0.1%
Passenger, Hybrid	Vehicle	January 23	17,974	9.0%	17,974	9.0%
Passenger, Misc Fuel	Vehicle	January 23	214	-28.2%	214	-28.2%
Freight, Electric	Vehicle	January 23	54	92.9%	54	92.9%
Freight, Diesel	Vehicle	January 23	10,676	-1.5%	10,676	-1.5%
Freight, Gasoline	Vehicle	January 23	34,433	0.5%	34,433	0.5%
Freight, Hybrid	Vehicle	January 23	123	64.0%	123	64.0%
Freight, Misc Fuel	Vehicle	January 23	26	-27.8%	26	-27.8%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	308,594	0.1%	308,641	0.2%
Residential	Consumers	September 22	274,972	0.1%	274,981	0.3%
Commercial	Consumers	September 22	33,187	-0.3%	33,220	0.1%
Street Lights	Consumers	September 22	435	-1.1%	440	-0.5%
Electric Meters						
All Sectors	Meters	September 22	308,140	0.1%	308,216	0.2%
Residential	Meters	September 22	275,016	0.1%	275,015	0.3%
Commercial	Meters	September 22	33,005	-0.5%	33,084	-0.1%
Street Lights	Meters	September 22	119	0.0%	118	-1.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 22	555,498,881	6.0%	4,607,993,649	0.7%
Residential	KWH	September 22	143,706,627	1.3%	1,169,812,789	-3.9%
Commercial	KWH	September 22	410,403,111	7.6%	3,435,717,506	2.7%
Street Lights	KWH	September 22	1,389,143	134.0%	2,463,354	-81.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	238,067,689	53.2%	1,746,950,580	35.8%
Residential	Dollars	September 22	68,391,695	43.8%	497,064,737	27.6%
Commercial	Dollars	September 22	169,176,683	57.3%	1,247,004,199	39.6%
Street Lights	Dollars	September 22	499,311	83.6%	2,881,644	-31.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	42.86	44.5%	37.91	34.9%
Residential	Cents/KWh	September 22	47.59	42.0%	42.49	32.9%
Commercial	Cents/KWh	September 22	41.22	46.2%	36.30	36.0%
Street Lights	Cents/KWh	September 22	35.94	-21.6%	116.98	264.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	577,316,521	3.3%	4,829,083,655	1.2%
Electricity Generated at the Electric Utility Stations	KWH	September 22	392,495,824	35.7%	2,705,087,525	6.6%
- Generated by Steam	KWH	September 22	364,735,624	37.1%	2,562,212,535	6.9%
- Generated by Diesel	KWH	September 22	22,632,940	29.9%	99,278,558	12.1%
- Generated by Biodiesel	KWH	September 22	1,764,126	-26.6%	14,588,197	-32.2%
- Generated by Solar	KWH	September 22	3,363,134	1.4%	29,008,236	-1.6%
- Generated by Hydro and Wind	KWH	September 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 22	207,532,653	-28.0%	2,300,092,180	-4.4%
Electricity Used by Electric Utility Stations	KWH	September 22	22,711,956	22.1%	176,096,050	3.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	592,867	37.5%	4,166,885	7.4%
Total Cost of Oil Consumed	Dollars	September 22	101,739,372	163.8%	580,856,306	97.4%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	171.61	91.9%	139.40	83.8%
Month-end price per barrel	Dollars	September 22	164.57	85.4%	143.89	83.6%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.300	87.5%	0.241	82.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	60,738	28.2%	265,278	8.8%
Total Cost of Oil Consumed	Dollars	September 22	8,798,196	116.4%	34,073,603	85.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	144.85	68.8%	128.44	70.6%
Month-end price per barrel	Dollars	September 22	159.27	85.0%	132.86	77.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.390	62.5%	0.369	71.1%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	2,774	-26.7%	22,885	-32.2%
Total Cost of Oil Consumed	Dollars	September 22	558,224	15.6%	4,238,389	-174.3%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	201.23	57.6%	185.20	-209.6%
Month-end price per barrel	Dollars	September 22	186.09	44.0%	179.62	859.8%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.350	59.1%	0.347	-221.4%
Energy Cost Adjustment Factor						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	January 23	0.27262	65.4%	0.27262	65.4%

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: Maui						
Month of Jan - 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	January 23	4.992	10.4%	4.992	10.4%
Gasoline - Mid Grade	\$ per Gallon	January 23	5.202	10.2%	5.202	10.2%
Gasoline - Premium	\$ per Gallon	January 23	5.322	8.5%	5.322	8.5%
Diesel	\$ per Gallon	January 23	6.176	29.0%	6.176	29.0%
Foreign Imports						
Crude Oil	1000 Barrels	November 22	-	N/A	-	N/A
Distillate	1000 Barrels	November 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 22	-	N/A	-	N/A
Propane	1000 Barrels	November 22	18	-61.7%	258	-15.7%
Fuel Ethanol	1000 Barrels	November 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	November 22	5,115,944	2.2%	58,424,830	3.1%
Diesel Oil (non-hwy)	Gallons	November 22	4,984,121	13.2%	48,660,489	4.0%
Diesel Oil (hwy use)	Gallons	November 22	489,397	7.9%	5,412,016	7.1%
LPG (off hwy)	Gallons	November 22	-	N/A	78	47.1%
LPG (hwy use)	Gallons	November 22	3,649	-55.8%	56,840	7.8%
Small Boat (gas)	Gallons	November 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 22	8,033,700	-3.7%	92,456,879	7.3%
Aviation Fuel	Gallons	November 22	16,663	-27.9%	252,100	20.2%
Other Fuel	Gallons	November 22	846	-37.7%	414,835	433.2%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 23	2,665	28.2%	2,665	28.2%
Passenger, Diesel	Vehicle	January 23	1,355	-0.1%	1,355	-0.1%
Passenger, Gasoline	Vehicle	January 23	157,970	2.3%	157,970	2.3%
Passenger, Hybrid	Vehicle	January 23	3,571	11.6%	3,571	11.6%
Passenger, Misc Fuel	Vehicle	January 23	69	-37.3%	69	-37.3%
Freight, Electric	Vehicle	January 23	6	N/A	6	N/A
Freight, Diesel	Vehicle	January 23	3,750	1.4%	3,750	1.4%
Freight, Gasoline	Vehicle	January 23	7,048	4.2%	7,048	4.2%
Freight, Hybrid	Vehicle	January 23	7	250.0%	7	250.0%
Freight, Misc Fuel	Vehicle	January 23	5	0.0%	5	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	68,821	0.2%	68,891	0.5%
Residential	Consumers	September 22	58,919	0.1%	58,898	0.2%
Commercial	Consumers	September 22	9,697	1.0%	9,788	2.4%
Street Lights	Consumers	September 22	205	0.5%	205	0.3%
Electric Meters						
All Sectors	Meters	September 22	68,613	0.2%	68,557	0.4%
Residential	Meters	September 22	58,925	0.1%	58,890	0.2%
Commercial	Meters	September 22	9,676	1.0%	9,656	1.2%
Street Lights	Meters	September 22	12	9.1%	12	8.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 22	89,293,910	6.4%	759,172,854	4.4%
Residential	KWH	September 22	32,162,020	4.0%	279,121,964	-0.5%
Commercial	KWH	September 22	56,743,456	7.9%	476,567,625	7.6%
Street Lights	KWH	September 22	388,434	3.4%	3,483,265	1.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	38,610,083	29.7%	320,451,846	30.2%
Residential	Dollars	September 22	14,339,442	25.5%	121,658,575	25.1%
Commercial	Dollars	September 22	24,110,913	32.3%	197,403,738	33.7%
Street Lights	Dollars	September 22	159,728	27.7%	1,389,533	29.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	43.24	21.9%	42.21	24.7%
Residential	Cents/KWh	September 22	44.59	20.7%	43.59	25.7%
Commercial	Cents/KWh	September 22	42.49	22.7%	41.42	24.2%
Street Lights	Cents/KWh	September 22	41.12	23.5%	39.89	27.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	93,521,624	4.7%	798,330,699	4.0%
Electricity Generated at the Electric Utility Stations	KWH	September 22	74,620,941	15.0%	638,592,071	11.2%
- Generated by Steam	KWH	September 22	15,957,243	21.0%	124,610,014	20.9%
- Generated by Diesel	KWH	September 22	59,663,698	15.4%	514,982,057	9.3%
- Generated by Hydro and Wind	KWH	September 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 22	22,221,886	-19.6%	188,690,434	-14.3%
Electricity Used by Electric Utility Stations	KWH	September 22	3,321,203	5.6%	28,951,806	7.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	35,503	19.6%	281,036	20.3%
Total Cost of Oil Consumed	Dollars	September 22	3,656,816	63.4%	27,803,770	81.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	103.00	36.6%	98.93	51.2%
Month-end price per barrel	Dollars	September 22	98.66	29.7%	102.94	50.8%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.230	35.3%	0.228	54.1%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	91,274	13.0%	793,873	7.6%
Total Cost of Oil Consumed	Dollars	September 22	14,737,670	91.7%	113,972,857	93.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	161.47	69.6%	143.57	80.2%
Month-end price per barrel	Dollars	September 22	157.59	70.1%	148.73	79.6%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.250	66.7%	0.221	79.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	-	N/A	-	N/A
Month-end price per barrel	Dollars	September 22	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 23	0.25334	21.9%	0.25334	21.9%

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: Lanai
Month of Jan - 2023

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	1,748	-0.2%	1,751	0.1%
Residential	Consumers	September 22	1,488	-0.6%	1,491	-0.2%
Commercial	Consumers	September 22	256	2.0%	256	1.7%
Street Lights	Consumers	September 22	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	September 22	1,751	-0.2%	1,754	0.1%
Residential	Meters	September 22	1,488	-0.6%	1,491	-0.1%
Commercial	Meters	September 22	262	1.9%	262	1.7%
Street Lights	Meters	September 22	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 22	2,935,801	2.1%	26,038,422	0.4%
Residential	KWH	September 22	701,142	-1.6%	6,457,400	-1.6%
Commercial	KWH	September 22	2,224,184	3.3%	19,486,129	1.1%
Street Lights	KWH	September 22	10,475	0.2%	94,893	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	1,639,569	32.5%	14,245,165	35.0%
Residential	Dollars	September 22	392,706	27.9%	3,518,868	32.4%
Commercial	Dollars	September 22	1,241,037	34.1%	10,674,895	35.9%
Street Lights	Dollars	September 22	5,826	30.7%	51,402	34.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	55.85	29.9%	54.71	34.4%
Residential	Cents/KWh	September 22	56.01	30.0%	54.49	34.5%
Commercial	Cents/KWh	September 22	55.80	29.8%	54.78	34.4%
Street Lights	Cents/KWh	September 22	55.62	30.5%	54.17	34.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	3,077,730	1.0%	27,277,720	0.2%
Electricity Generated at the Electric Utility Stations	KWH	September 22	3,158,681	2.5%	27,793,831	2.0%
- Generated by Steam	KWH	September 22	-	N/A	-	N/A
- Generated by Diesel	KWH	September 22	3,158,681	2.5%	27,793,831	2.0%
- Generated by Hydro and Wind	KWH	September 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 22	-	-100.0%	204,622	-68.4%
Electricity Used by Electric Utility Stations	KWH	September 22	80,951	3.6%	720,733	-1.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	5,469	0.4%	47,916	0.9%
Total Cost of Oil Consumed	Dollars	September 22	1,014,302	48.5%	8,617,549	57.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	185.46	47.8%	179.85	55.7%
Month-end price per barrel	Dollars	September 22	196.41	63.5%	184.76	57.1%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.320	45.5%	0.308	53.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 23	0.36114	27.9%	0.36114	27.9%

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: Molokai
Month of Jan - 2023

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	3,276	0.3%	3,282	0.4%
Residential	Consumers	September 22	2,729	0.4%	2,734	0.5%
Commercial	Consumers	September 22	538	-0.4%	539	-0.1%
Street Lights	Consumers	September 22	9	0.0%	9	1.3%
Electric Meters						
All Sectors	Meters	September 22	3,262	0.3%	3,268	0.4%
Residential	Meters	September 22	2,729	0.4%	2,734	0.4%
Commercial	Meters	September 22	533	-0.4%	534	-0.1%
Street Lights	Meters	September 22	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 22	2,553,447	2.7%	21,581,887	0.1%
Residential	KWH	September 22	963,972	-2.9%	8,471,431	-0.8%
Commercial	KWH	September 22	1,552,483	6.4%	12,773,566	0.6%
Street Lights	KWH	September 22	36,992	6.9%	336,890	2.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	1,333,550	37.4%	11,120,533	38.2%
Residential	Dollars	September 22	522,345	31.0%	4,475,447	36.7%
Commercial	Dollars	September 22	792,284	41.8%	6,478,555	39.2%
Street Lights	Dollars	September 22	18,921	44.8%	166,531	42.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	52.23	33.8%	51.53	38.1%
Residential	Cents/KWh	September 22	54.19	34.9%	52.83	37.8%
Commercial	Cents/KWh	September 22	51.03	33.2%	50.72	38.3%
Street Lights	Cents/KWh	September 22	51.15	35.4%	49.43	38.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	2,821,305	2.3%	23,860,689	1.2%
Electricity Generated at the Electric Utility Stations	KWH	September 22	2,926,080	2.2%	24,791,020	1.1%
- Generated by Steam	KWH	September 22	-	N/A	-	N/A
- Generated by Diesel	KWH	September 22	2,926,080	2.2%	24,791,020	1.1%
- Generated by Hydro and Wind	KWH	September 22	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 22	-	-100.0%	2,289	-48.5%
Electricity Used by Electric Utility Stations	KWH	September 22	104,775	1.4%	932,620	-2.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	5,016	1.9%	41,982	-0.3%
Total Cost of Oil Consumed	Dollars	September 22	776,559	68.9%	6,124,096	72.4%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	154.82	65.8%	145.87	73.0%
Month-end price per barrel	Dollars	September 22	173.70	78.1%	152.00	74.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.270	68.8%	0.246	72.7%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 22	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 23	0.32969	51.4%	0.32969	51.4%

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: Hawaii						
Month of Jan - 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	January 23	4.952	14.1%	4.952	14.1%
Gasoline - Mid Grade	\$ per Gallon	January 23	5.137	12.7%	5.137	12.7%
Gasoline - Premium	\$ per Gallon	January 23	5.456	12.3%	5.456	12.3%
Diesel	\$ per Gallon	January 23	6.141	31.1%	6.141	31.1%
Foreign Imports						
Crude Oil	1000 Barrels	November 22	-	N/A	-	N/A
Distillate	1000 Barrels	November 22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 22	-	N/A	-	N/A
Propane	1000 Barrels	November 22	16	-57.9%	296	13.8%
Fuel Ethanol	1000 Barrels	November 22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 22	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	November 22	6,797,880	3.1%	75,176,265	5.6%
Diesel Oil (non-hwy)	Gallons	November 22	2,058,855	-15.5%	30,772,407	6.7%
Diesel Oil (hwy use)	Gallons	November 22	970,355	-7.9%	11,258,829	-10.9%
LPG (off hwy)	Gallons	November 22	18	-30.9%	1,120	22.3%
LPG (hwy use)	Gallons	November 22	26,701	-3.5%	299,303	-3.6%
Small Boat (gas)	Gallons	November 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 22	-	N/A	-	N/A
Aviation Fuel	Gallons	November 22	3,933,719	-9.3%	44,927,993	1.6%
Other Fuel	Gallons	November 22	873,520	-42.2%	11,634,265	-3.5%
Agricultural Refund	Gallons	November 22	6,040	35.3%	150,260	81.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 23	1,833	44.1%	1,833	44.1%
Passenger, Diesel	Vehicle	January 23	2,795	0.1%	2,795	0.1%
Passenger, Gasoline	Vehicle	January 23	181,294	2.1%	181,294	2.1%
Passenger, Hybrid	Vehicle	January 23	3,199	5.5%	3,199	5.5%
Passenger, Misc Fuel	Vehicle	January 23	47	9.3%	47	9.3%
Freight, Electric	Vehicle	January 23	5	N/A	5	N/A
Freight, Diesel	Vehicle	January 23	7,169	1.9%	7,169	1.9%
Freight, Gasoline	Vehicle	January 23	7,183	1.5%	7,183	1.5%
Freight, Hybrid	Vehicle	January 23	9	125.0%	9	125.0%
Freight, Misc Fuel	Vehicle	January 23	1	-66.7%	1	-66.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 22	88,587	0.7%	88,371	0.8%
Residential	Consumers	September 22	77,051	0.8%	76,859	0.9%
Commercial	Consumers	September 22	11,374	0.3%	11,348	0.5%
Street Lights	Consumers	September 22	162	-1.8%	164	-0.1%
Electric Meters						
All Sectors	Meters	September 22	88,201	0.7%	87,991	0.8%
Residential	Meters	September 22	77,055	0.8%	76,862	0.9%
Commercial	Meters	September 22	11,108	0.2%	11,092	0.5%
Street Lights	Meters	September 22	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 22	88,394,352	2.3%	784,565,089	1.4%
Residential	KWH	September 22	34,203,058	-2.7%	323,665,069	-1.6%
Commercial	KWH	September 22	53,977,893	5.8%	459,064,186	3.6%
Street Lights	KWH	September 22	213,401	4.2%	1,835,834	0.8%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 22	39,393,770	21.5%	359,318,763	31.6%
Residential	Dollars	September 22	16,322,411	15.7%	156,357,817	27.8%
Commercial	Dollars	September 22	22,976,018	25.9%	202,109,849	34.6%
Street Lights	Dollars	September 22	95,341	22.5%	851,097	31.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 22	44.57	18.7%	45.80	29.7%
Residential	Cents/KWh	September 22	47.72	18.9%	48.31	29.9%
Commercial	Cents/KWh	September 22	42.57	19.1%	44.03	29.9%
Street Lights	Cents/KWh	September 22	44.68	17.5%	46.36	30.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 22	93,414,244	0.8%	834,191,939	1.3%
Electricity Generated at the Electric Utility Stations	KWH	September 22	40,824,454	23.7%	420,098,638	2.4%
- Generated by Steam	KWH	September 22	11,207,250	-29.7%	124,328,054	-12.5%
- Generated by Diesel	KWH	September 22	29,617,204	81.6%	290,924,784	11.3%
- Generated by Hydro and Wind	KWH	September 22	0	-100.0%	4,845,800	-28.9%
Electricity Purchased from Independent Power Plant	KWH	September 22	54,293,366	-11.4%	431,067,281	-0.6%
Electricity Used by Electric Utility Stations	KWH	September 22	1,703,576	3.4%	16,973,980	-17.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	22,133	-32.7%	250,502	-15.5%
Total Cost of Oil Consumed	Dollars	September 22	2,318,214	-13.3%	25,661,824	24.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	104.74	28.8%	102.44	47.8%
Month-end price per barrel	Dollars	September 22	104.73	29.6%	103.77	50.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.210	23.5%	0.210	44.3%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 22	54,889	61.2%	502,457	11.2%
Total Cost of Oil Consumed	Dollars	September 22	9,004,665	169.5%	73,194,150	99.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	164.05	67.1%	145.67	79.8%
Month-end price per barrel	Dollars	September 22	160.89	69.3%	140.75	78.5%
Cost of Oil/KWH Generated	Dollar/KWh	September 22	0.360	80.0%	0.302	81.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September-22	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 22	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 22	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	September 22	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 22	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	January 23	0.24245	15.8%	0.24245	15.8%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

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

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

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

Registered Vehicles, City and County Honolulu

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

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

Monthly Energy Trend: Kauai
Month of Jan - 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	January-23	5,407	16.4%	5,407	16.4%
Gasoline - Mid Grade	\$ per Gallon	January-23	5,724	17.0%	5,724	17.0%
Gasoline - Premium	\$ per Gallon	January-23	5,864	16.8%	5,864	16.8%
Diesel	\$ per Gallon	January-23	6,609	30.2%	6,609	30.2%
Foreign Imports						
Crude Oil	1000 Barrels	November-22	-	N/A	-	N/A
Distillate	1000 Barrels	November-22	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November-22	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November-22	-	N/A	-	N/A
Propane	1000 Barrels	November-22	17	-32.0%	193	12.9%
Fuel Ethanol	1000 Barrels	November-22	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November-22	-	N/A	-	-100.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	November 22	2,353,175	0.6%	26,970,866	8.5%
Diesel Oil (non-hwy)	Gallons	November 22	606,214	-16.8%	7,613,134	48.1%
Diesel Oil (hwy use)	Gallons	November 22	271,085	28.7%	2,865,287	0.8%
LPG (off hwy)	Gallons	November 22	-	-	-	-
LPG (hwy use)	Gallons	November 22	25	56.1%	772	110.9%
Small Boat (gas)	Gallons	November 22	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 22	-	N/A	-	N/A
Aviation Fuel	Gallons	November 22	2,385,561	3.2%	27,196,249	50.6%
Other Fuel	Gallons	November 22	1,368,487	45.7%	11,752,984	18.7%
Agricultural Refund	Gallons	November 22	-	-100.0%	24,648	25.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January-23	681	26.1%	681	26.1%
Passenger, Diesel	Vehicle	January-23	886	-1.2%	886	-1.2%
Passenger, Gasoline	Vehicle	January-23	74,572	2.3%	74,572	2.3%
Passenger, Hybrid	Vehicle	January-23	1,063	2.8%	1,063	2.8%
Passenger, Misc Fuel	Vehicle	January-23	5	-28.6%	5	-28.6%
Freight, Electric	Vehicle	January-23	3	200.0%	3	200.0%
Freight, Diesel	Vehicle	January-23	2,295	-0.4%	2,295	-0.4%
Freight, Gasoline	Vehicle	January-23	2,117	4.2%	2,117	4.2%
Freight, Hybrid	Vehicle	January-23	-	-100.0%	-	-100.0%
Freight, Misc Fuel	Vehicle	January-23	1	0.0%	1	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December-22	38,886	0.5%	38,800	0.5%
Residential	Consumers	December-22	29,981	0.3%	29,935	0.4%
Commercial	Consumers	December-22	5,114	1.4%	5,083	1.2%
Street Lights	Consumers	December-22	3,791	0.6%	3,781	0.4%
Electric Meters						
All Sectors	Meters	December-22	38,898	0.5%	38,801	0.5%
Residential	Meters	December-22	29,993	0.4%	29,936	0.4%
Commercial	Meters	December-22	5,114	1.4%	5,083	1.2%
Street Lights	Meters	December-22	3,791	0.6%	3,781	0.4%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December-22	37,424,528	-0.3%	458,054,063	5.3%
Residential	KWH	December-22	16,029,886	-2.0%	191,954,669	3.1%
Commercial	KWH	December-22	21,337,083	1.0%	265,365,888	6.9%
Street Lights	KWH	December-22	57,559	-9.6%	733,506	-4.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	December-22	14,131,521	3.3%	175,067,671	13.9%
Residential	Dollars	December-22	6,194,091	1.2%	75,465,976	11.5%
Commercial	Dollars	December-22	7,881,534	5.0%	98,908,854	15.9%
Street Lights	Dollars	December-22	55,896	-2.9%	692,840	1.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December-22	37.76	3.6%	38.22	8.2%
Residential	Cents/KWh	December-22	38.64	3.3%	39.31	8.2%
Commercial	Cents/KWh	December-22	36.94	3.9%	37.27	8.4%
Street Lights	Cents/KWh	December-22	97.11	7.3%	94.46	6.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December-22	39,309,988	-1.5%	484,163,145	5.6%
Electricity Generated at the Electric Utility Stations	KWH	December-22	20,683,003	6.8%	220,108,226	15.4%
- Generated by Steam	KWH	December-22	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	December-22	20,382,315	8.2%	216,002,761	15.2%
- Generated by Hydro and Wind	KWH	December-22	300,688	-42.6%	4,105,465	31.2%
Electricity Purchased from Independent Power Plant	KWH	December-22	19,131,876	-9.2%	270,010,321	-0.7%
Electricity Used by Electric Utility Stations	KWH	December-22	504,891	-4.7%	5,955,402	41.8%
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	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December-22	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	December-22	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December-22	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December-22	35,425	9.3%	382,911	15.6%
Total Cost of Oil Consumed	Dollars	December-22	3,863,541	6.6%	44,634,806	49.3%
Ave Cost/Bbl of Oil Consumed	Dollars	December-22	109.06	-2.5%	116.57	29.1%
Month-end price per barrel	Dollars	December-22	160.86	25.2%	167.94	61.0%
Cost of Oil/KWH Generated	Dollar/KWh	December-22	0.190	-1.5%	0.207	31.8%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	January-23	0.02706	649.8%	0.02706	649.8%

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
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