

MONTHLY ENERGY TREND HIGHLIGHTS

September 2021 Highlights

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Issued on October 6, 2021

Crude Oil Prices:

In September 2021, 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 \$71.54 per barrel in September 2021 which was up \$31.92 (80.6%) per barrel from the same month last year. Compared to August 2021, it was an increase of \$3.83 (5.7%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.0 million barrels of foreign crude oil in July 2021. This was a decrease of 0.6 million barrels (37.1%) from the same month last year. Compared to June 2021, it was a decrease of 1.7 million barrels (62.3%).

Gasoline Prices:

In September 2021, the regular gasoline price in Hawaii averaged \$4.070 per gallon, which was 88.5 cents per gallon (27.8%) higher than the national average for the same month.

Hawaii's regular gasoline price in September 2021 was an increase of 82.9 cents per gallon (25.6%) from the same month last year, but a decrease of 1.2 cents per gallon (0.3%) from August 2021.

The national average price for regular gasoline in September 2021 was \$3.186 per gallon, an increase of 98.7 cents per gallon (44.9%) from the same month last year, and an increase of 1.4 cents per gallon (0.4%) from August 2021.

The average prices of regular gasoline within the State in September 2021 were as follows: Kauai, \$4.325; Hilo, \$4.123; Wailuku, \$4.115; and Oahu, \$3.990.

Diesel Fuel Prices:

The national average price for diesel in September 2021 was \$3.304 per gallon which was an increase of 89.5 cents (37.1%) from the same month a year ago, and an increase of 1.7 cents (0.5%) from August 2021.

Hawaii's average price for diesel in September 2021 was \$4.379 per gallon which increased 34.7 cents (8.6%) per gallon from the same month last year and increased 1.2 cents per gallon (0.3%) from August 2021. Hawaii's diesel price was \$1.076 per gallon (32.6%) higher than the national average.

In September 2021, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.747; Wailuku, \$4.505; Hilo, \$4.409; and Oahu, \$4.294.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in July 2021, as measured by the gasoline tax base, was 36.3 million gallons, which increased 5.0 million gallons (16.0%) from the same month a year

ago. Gasoline in July 2021 was mainly consumed in City and County of Honolulu (61.8%), followed by Maui County (15.8%), Hawaii County (15.2%), and Kauai County (7.2%).

Highway Diesel Fuel Consumption:

Hawaii's July 2021 consumption for highway use diesel was 5.5 million gallons, which increased 2.1 million gallons (61.4%) from the same month last year. Highway use diesel in July 2021 was mainly consumed in Hawaii County (49.1%), followed by City and County of Honolulu (36.7%), Maui County (9.3%), and Kauai County (5.0%).

Aviation Fuel Consumption:

In July 2021, data from the Department of Taxation showed statewide aviation fuel consumption was 29.1 million gallons, which increased 23.28 million gallons (402.8%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (38.7%), Maui County (34.5%), Hawaii County (17.9%), and Kauai County (9.0%).

Registered Taxable Vehicles:

As of September 2021, there were 1,054,168 registered passenger vehicles in the state, a decrease of 9,868 vehicles (0.9%) from the same month last year but an increase of 1,080 vehicles (0.1%) from August 2021. The number of passenger gasoline vehicles was 1,005,935, which was 95.4% of total passenger vehicles. It represents a decrease of 13,381 vehicles (1.3%) from the same period last year, but an increase of 633 vehicles (0.1%) from August 2021.

In September 2021, the number of passenger electric vehicles in the state was 16,588, an increase of 3,872 vehicles (30.4%) from the same month last year, and an increase of 372 vehicles (2.3%) from August 2021. The number of passenger hybrid vehicles in the state in this month was 23,619, accounting for 2.2% of the total passenger vehicles. It represents an increase of 1.1% from the same month last year and an increase of 0.3% from August 2021.

In September 2021, there were 49,923 registered freight gasoline vehicles, a 0.2% decrease from the same period last year, but a 0.1% increase from August 2021. The number of freight diesel vehicles in September 2021 was 23,832, a 0.8% decrease from the same period last year, and a 0.2% decrease from August 2021.

Monthly Energy Trend: State						
Month of Sep - 2021						
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	September 21	71.54	80.6%	64.85	69.0%
Europe Brent Spot Price	\$ per Barrel	September 21	0.00	-100.0%	66.86	63.4%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	September 21	3.186	44.9%	2.913	33.4%
Gasoline -Mid Grade, National	\$ per Gallon	September 21	3.538	39.2%	3.249	28.3%
Gasoline -Premium, National	\$ per Gallon	September 21	3.812	35.7%	3.520	25.8%
Diesel, National	\$ per Gallon	September 21	3.304	37.1%	3.085	19.4%
Gasoline - Regular, State	\$ per Gallon	September 21	4.070	25.6%	3.785	13.2%
Gasoline -Mid Grade, State	\$ per Gallon	September 21	4.280	24.7%	3.979	12.9%
Gasoline -Premium, State	\$ per Gallon	September 21	4.534	24.2%	4.225	13.5%
Diesel, State	\$ per Gallon	September 21	4.379	8.6%	4.248	4.0%
Fuel Surcharges						
Matson Navigation Company	Percentage	September 21	34.50%	15.0%	32.92%	2.1%
Foreign Imports						
Crude Oil	1000 Barrels	July 21	1,042	-37.1%	13,478	13.8%
Distillate	1000 Barrels	July 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 21	660	-28.3%	2,537	-57.6%
Residual Fuel Oil	1000 Barrels	July 21	-	N/A	-	N/A
Propane	1000 Barrels	July 21	88	57.1%	466	7.6%
Fuel Ethanol	1000 Barrels	July 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 21	608	90.6%	2,133	40.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 21	36,301,069	16.0%	240,887,537	11.2%
Diesel Oil (non-hwy)	Gallons	July 21	10,191,677	-8.9%	72,329,819	-12.0%
Diesel Oil (hwy use)	Gallons	July 21	5,506,101	61.4%	25,625,537	7.4%
LPG (off hwy)	Gallons	July 21	-	-	-	-
LPG (hwy use)	Gallons	July 21	2,191	0.0%	9,814	8.4%
Small Boat (gas)	Gallons	July 21	51,298	-61.0%	360,230	-56.3%
Small Boat (diesel)	Gallons	July 21	433,136	84.6%	3,199,290	82.7%
Aviation Fuel	Gallons	July 21	29,063,573	402.8%	141,367,071	63.3%
Other Fuel	Gallons	July 21	2,590,881	50.5%	14,064,329	-3.6%
Agricultural Refund	Gallons	July 21	85,000	-21.7%	347,015	11.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 21	16,588	30.4%	14,955	24.7%
Passenger, Diesel	Vehicle	September 21	7,360	-2.4%	7,309	-5.2%
Passenger, Gasoline	Vehicle	September 21	1,005,935	-1.3%	1,001,928	-2.8%
Passenger, Hybrid	Vehicle	September 21	23,619	1.1%	23,159	-2.4%
Passenger, Misc Fuel	Vehicle	September 21	666	-39.6%	647	-41.1%
Freight, Electric	Vehicle	September 21	28	40.0%	27	52.8%
Freight, Diesel	Vehicle	September 21	23,832	-0.8%	23,885	-1.0%
Freight, Gasoline	Vehicle	September 21	49,923	-0.2%	49,527	-1.4%
Freight, Hybrid	Vehicle	September 21	74	8.8%	73	4.3%
Freight, Misc Fuel	Vehicle	September 21	56	-39.1%	60	-37.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	507,970	0.6%	507,246	0.6%
Residential	Consumers	June 21	443,487	0.7%	442,896	0.7%
Commercial	Consumers	June 21	59,895	0.1%	59,760	-0.1%
Street Lights	Consumers	June 21	4,588	-0.3%	4,591	-0.3%
Electric Meters						
All sectors	Meters	June 21	506,963	0.6%	506,254	0.6%
Residential	Meters	June 21	443,494	0.7%	442,904	0.7%
Commercial	Meters	June 21	59,534	0.0%	59,415	-0.2%
Street Lights	Meters	June 21	3,935	0.0%	3,935	0.0%
Electricity Sale (KWH sold)						
All Sectors	KWH	June 21	732,314,604	3.2%	4,135,477,231	1.3%
Residential	KWH	June 21	224,216,904	-4.5%	1,269,738,274	1.6%
Commercial	KWH	June 21	505,992,536	6.6%	2,851,922,819	1.1%
Street Lights	KWH	June 21	2,105,164	11866.6%	13,816,138	7.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	219,003,293	17.9%	1,223,292,095	3.2%
Residential	Dollars	June 21	75,400,820	9.1%	419,603,255	4.2%
Commercial	Dollars	June 21	142,885,480	22.5%	799,144,076	2.7%
Street Lights	Dollars	June 21	716,993	1231.5%	4,544,764	9.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	29.91	14.2%	29.58	1.9%
Residential	Cents/KWh	June 21	33.63	14.2%	33.05	2.6%
Commercial	Cents/KWh	June 21	28.24	14.9%	28.02	1.5%
Street Lights	Cents/KWh	June 21	34.06	-88.9%	32.89	1.4%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	770,183,511	6.3%	4,318,699,614	0.8%
Electricity Generated at the Electric Utility Stations	KWH	June 21	405,683,999	-0.3%	2,416,849,437	-1.7%
- Generated by Steam	KWH	June 21	294,306,023	-3.4%	1,722,027,148	-2.1%
- Generated by Diesel	KWH	June 21	104,835,391	8.6%	654,829,027	-0.6%
- Generated by Biodiesel	KWH	June 21	2,651,279	-7.7%	15,330,537	-1.0%
- Generated by Solar	KWH	June 21	3,349,219	24.8%	19,322,711	5.1%
- Generated by Hydro and Wind	KWH	June 21	542,087	308.0%	5,340,014	-19.2%
Electricity Purchased from Independent Power Plant	KWH	June 21	389,719,729	14.0%	2,047,289,764	4.1%
Electricity Used by Electric Utility Stations	KWH	June 21	25,220,217	3.5%	145,494,692	2.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	490,850	-3.4%	2,873,783	-1.8%
Total Cost of Oil Consumed	Dollars	June 21	38,437,092	45.4%	199,339,640	-1.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	78.31	50.5%	69.36	0.6%
Month-end price per barrel	Dollars	June 21	75.24	70.4%	67.78	15.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.141	55.9%	0.125	2.3%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	179,266	8.9%	1,127,771	-0.5%
Total Cost of Oil Consumed	Dollars	June 21	15,196,456	68.2%	84,582,217	-7.9%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	84.77	54.4%	75.00	-7.4%
Month-end price per barrel	Dollars	June 21	94.02	70.5%	85.12	5.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.151	49.3%	0.136	-7.6%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	4,146	-7.1%	24,018	-0.6%
Total Cost of Oil Consumed	Dollars	June 21	-740,769	-225.0%	-6,533,844	-269.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	-178.67	-234.5%	-272.04	-270.8%
Month-end price per barrel	Dollars	June 21	26.90	-81.6%	-32.65	-121.8%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	-0.300	-236.4%	-0.502	-287.0%

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: Oahu						
Month of Sep - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	September 21	3.990	30.3%	3.684	15.8%
Gasoline - Mid Grade	\$ per Gallon	September 21	4.248	28.1%	3.929	14.6%
Gasoline - Premium	\$ per Gallon	September 21	4.516	27.0%	4.189	14.9%
Diesel	\$ per Gallon	September 21	4.294	6.9%	4.179	2.8%
Foreign Imports						
Crude Oil	1000 Barrels	July 21	1,042	-37.1%	13,478	13.8%
Distillate	1000 Barrels	July 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 21	660	-28.3%	2,537	-57.6%
Residual Fuel Oil	1000 Barrels	July 21	-	N/A	-	N/A
Propane	1000 Barrels	July 21	-	N/A	-	-100.0%
Fuel Ethanol	1000 Barrels	July 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 21	608	90.6%	2,133	40.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 21	22,431,193	14.8%	145,571,305	9.4%
Diesel Oil (non-hwy)	Gallons	July 21	3,677,459	-25.2%	23,155,332	-34.0%
Diesel Oil (hwy use)	Gallons	July 21	2,019,310	17.8%	12,306,233	-5.9%
LPG (off hwy)	Gallons	July 21	-	-	-	-
LPG (hwy use)	Gallons	July 21	1,818	0.8%	8,777	22.0%
Small Boat (gas)	Gallons	July 21	15,343	-85.3%	137,320	-77.8%
Small Boat (diesel)	Gallons	July 21	433,136	84.6%	3,199,290	82.7%
Aviation Fuel	Gallons	July 21	11,253,913	153.6%	54,490,849	37.0%
Other Fuel	Gallons	July 21	119,524	-13.6%	782,800	-14.6%
Agricultural Refund	Gallons	July 21	55,347	-4.4%	203,542	18.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 21	13,061	31.1%	11,751	24.9%
Passenger, Diesel	Vehicle	September 21	2,318	-3.3%	2,307	-7.7%
Passenger, Gasoline	Vehicle	September 21	597,899	-1.0%	595,056	-2.4%
Passenger, Hybrid	Vehicle	September 21	16,208	1.8%	15,898	-2.0%
Passenger, Misc Fuel	Vehicle	September 21	387	-32.5%	368	-35.0%
Freight, Electric	Vehicle	September 21	27	35.0%	26	47.2%
Freight, Diesel	Vehicle	September 21	10,899	-2.3%	10,986	-2.7%
Freight, Gasoline	Vehicle	September 21	34,119	-0.4%	33,910	-1.5%
Freight, Hybrid	Vehicle	September 21	67	11.7%	65	4.1%
Freight, Misc Fuel	Vehicle	September 21	47	-42.0%	50	-40.6%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	308,103	0.5%	307,735	0.5%
Residential	Consumers	June 21	274,466	0.6%	274,135	0.6%
Commercial	Consumers	June 21	33,196	0.0%	33,156	-0.2%
Street Lights	Consumers	June 21	441	-1.3%	444	-1.1%
Electric Meters						
All Sectors	Meters	June 21	307,694	0.5%	307,339	0.5%
Residential	Meters	June 21	274,471	0.6%	274,141	0.6%
Commercial	Meters	June 21	33,104	-0.1%	33,080	-0.3%
Street Lights	Meters	June 21	119	-0.8%	119	-1.8%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 21	516,508,173	-1.8%	2,941,880,955	0.1%
Residential	KWH	June 21	137,266,045	-13.8%	778,177,111	-1.0%
Commercial	KWH	June 21	377,830,484	2.9%	2,154,048,246	0.4%
Street Lights	KWH	June 21	1,411,644	-297.9%	9,655,598	14.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	144,648,451	15.9%	813,932,462	2.5%
Residential	Dollars	June 21	43,980,432	1.5%	245,242,391	2.4%
Commercial	Dollars	June 21	100,214,019	22.7%	565,710,167	2.5%
Street Lights	Dollars	June 21	454,000	-310.0%	2,979,904	19.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	28.01	18.0%	27.67	2.4%
Residential	Cents/KWh	June 21	32.04	17.8%	31.51	3.4%
Commercial	Cents/KWh	June 21	26.52	19.3%	26.26	2.1%
Street Lights	Cents/KWh	June 21	32.16	6.1%	30.86	4.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	542,575,495	2.1%	3,056,273,621	-0.7%
Electricity Generated at the Electric Utility Stations	KWH	June 21	279,805,422	-2.9%	1,646,574,610	-1.5%
- Generated by Steam	KWH	June 21	267,447,493	-2.6%	1,564,126,672	-1.0%
- Generated by Diesel	KWH	June 21	6,357,431	-21.2%	47,794,690	-18.1%
- Generated by Biodiesel	KWH	June 21	2,651,279	-7.7%	15,330,537	-1.0%
- Generated by Solar	KWH	June 21	3,349,219	24.8%	19,322,711	5.1%
- Generated by Hydro and Wind	KWH	June 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 21	282,097,032	7.6%	1,521,036,088	0.6%
Electricity Used by Electric Utility Stations	KWH	June 21	19,326,959	2.1%	111,337,075	3.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	433,050	-2.4%	2,530,745	-0.5%
Total Cost of Oil Consumed	Dollars	June 21	34,298,061	46.4%	177,601,330	-1.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	79.20	50.1%	70.18	-0.6%
Month-end price per barrel	Dollars	June 21	82.13	106.7%	73.68	16.8%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.140	55.6%	0.123	1.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	17,581	-25.3%	132,230	-22.3%
Total Cost of Oil Consumed	Dollars	June 21	1,357,157	-12.1%	9,005,638	-37.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	77.19	17.7%	68.11	-19.2%
Month-end price per barrel	Dollars	June 21	76.91	39.4%	69.79	-4.6%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.230	15.0%	0.205	-18.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	4,146	-7.1%	24,018	-0.6%
Total Cost of Oil Consumed	Dollars	June 21	-740,769	-225.0%	-6,533,844	-269.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	-178.67	-234.5%	-272.04	-270.8%
Month-end price per barrel	Dollars	June 21	26.90	-81.6%	-32.65	-121.8%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	-0.300	-236.4%	-0.502	-287.0%
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	September 21	0.14227	39.2%	0.13061	8.9%

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., 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 Sep - 2021						
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	September 21	4.115	18.0%	3.847	7.6%
Gasoline - Mid Grade	\$ per Gallon	September 21	4.269	14.8%	4.018	5.9%
Gasoline - Premium	\$ per Gallon	September 21	4.500	16.8%	4.224	7.9%
Diesel	\$ per Gallon	September 21	4.505	12.7%	4.326	7.0%
Foreign Imports						
Crude Oil	1000 Barrels	July 21	-	N/A	-	N/A
Distillate	1000 Barrels	July 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 21	-	N/A	-	N/A
Propane	1000 Barrels	July 21	22	4.8%	166	58.1%
Fuel Ethanol	1000 Barrels	July 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 21	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 21	5,724,533	41.9%	35,683,093	21.4%
Diesel Oil (non-hwy)	Gallons	July 21	3,339,502	-13.0%	28,101,769	8.9%
Diesel Oil (hwy use)	Gallons	July 21	509,308	16.8%	3,106,258	7.7%
LPG (off hwy)	Gallons	July 21	-	N/A	53	560.7%
LPG (hwy use)	Gallons	July 21	-	N/A	-	N/A
Small Boat (gas)	Gallons	July 21	5,176	3.7%	27,875	-25.9%
Small Boat (diesel)	Gallons	July 21	-	N/A	-	N/A
Aviation Fuel	Gallons	July 21	10,016,059	1842.9%	52,263,661	117.0%
Other Fuel	Gallons	July 21	24,743	20.7%	117,801	-25.5%
Agricultural Refund	Gallons	July 21	20,095	1.0%	60,911	34.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 21	1,888	24.1%	1,738	20.5%
Passenger, Diesel	Vehicle	September 21	1,351	-1.5%	1,344	-2.8%
Passenger, Gasoline	Vehicle	September 21	155,992	-1.9%	155,344	-4.1%
Passenger, Hybrid	Vehicle	September 21	3,412	-0.9%	3,329	-3.7%
Passenger, Misc Fuel	Vehicle	September 21	216	-22.3%	219	-22.0%
Freight, Electric	Vehicle	September 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	September 21	3,657	0.2%	3,641	-0.6%
Freight, Gasoline	Vehicle	September 21	6,735	1.4%	6,647	0.5%
Freight, Hybrid	Vehicle	September 21	2	-33.3%	2	-18.5%
Freight, Misc Fuel	Vehicle	September 21	5	-16.7%	5	-13.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	68,555	0.9%	68,459	1.0%
Residential	Consumers	June 21	58,783	1.1%	58,711	1.2%
Commercial	Consumers	June 21	9,568	-0.2%	9,543	-0.4%
Street Lights	Consumers	June 21	204	-4.2%	205	-3.9%
Electric Meters						
All Sectors	Meters	June 21	68,342	0.9%	68,247	1.0%
Residential	Meters	June 21	58,785	1.1%	58,713	1.2%
Commercial	Meters	June 21	9,546	-0.2%	9,523	-0.5%
Street Lights	Meters	June 21	11	0.0%	11	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 21	84,558,524	24.2%	461,112,778	6.0%
Residential	KWH	June 21	32,164,975	16.4%	180,382,963	5.8%
Commercial	KWH	June 21	52,014,727	29.9%	278,443,394	6.2%
Street Lights	KWH	June 21	378,822	-7.2%	2,286,421	-7.4%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	28,233,687	20.7%	153,250,017	3.4%
Residential	Dollars	June 21	11,172,573	17.3%	61,029,444	3.9%
Commercial	Dollars	June 21	16,944,421	23.4%	91,519,049	3.2%
Street Lights	Dollars	June 21	116,693	-8.7%	701,524	-9.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	33.39	-2.8%	33.23	-2.5%
Residential	Cents/KWh	June 21	34.74	0.7%	33.83	-1.8%
Commercial	Cents/KWh	June 21	32.58	-5.0%	32.87	-2.9%
Street Lights	Cents/KWh	June 21	30.80	-1.6%	30.68	-2.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	89,293,168	24.3%	487,520,053	6.9%
Electricity Generated at the Electric Utility Stations	KWH	June 21	67,960,869	38.4%	376,999,132	8.7%
- Generated by Steam	KWH	June 21	12,635,378	18.9%	67,802,830	-2.8%
- Generated by Diesel	KWH	June 21	55,325,491	43.8%	309,196,302	11.6%
- Generated by Hydro and Wind	KWH	June 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 21	24,368,762	-4.3%	128,097,350	1.0%
Electricity Used by Electric Utility Stations	KWH	June 21	3,036,463	12.3%	17,576,429	1.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	28,182	15.7%	153,758	-4.2%
Total Cost of Oil Consumed	Dollars	June 21	1,964,124	73.0%	9,482,478	3.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	69.69	49.6%	61.67	7.7%
Month-end price per barrel	Dollars	June 21	70.72	53.4%	64.91	20.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.160	45.5%	0.140	7.7%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	86,383	45.1%	483,536	11.8%
Total Cost of Oil Consumed	Dollars	June 21	7,174,877	112.3%	35,437,386	-2.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	83.06	46.3%	73.29	-12.4%
Month-end price per barrel	Dollars	June 21	87.9	58.3%	77.62	0.4%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.130	44.4%	0.113	-12.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	-	N/A	-	N/A
Month-end price per barrel	Dollars	June 21	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	September 21	0.18578	36.0%	0.17106	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., 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 Sep - 2021

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	1,750	0.2%	1,749	0.2%
Residential	Consumers	June 21	1,495	0.2%	1,494	0.3%
Commercial	Consumers	June 21	251	0.0%	251	0.0%
Street Lights	Consumers	June 21	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	June 21	1,753	0.2%	1,752	0.2%
Residential	Meters	June 21	1,495	0.2%	1,494	0.3%
Commercial	Meters	June 21	257	0.0%	257	0.0%
Street Lights	Meters	June 21	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 21	2,944,794	19.4%	16,856,782	10.0%
Residential	KWH	June 21	717,710	2.2%	4,318,873	5.7%
Commercial	KWH	June 21	2,216,611	26.4%	12,474,669	11.6%
Street Lights	KWH	June 21	10,473	0.0%	63,240	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	1,211,793	47.8%	6,683,550	10.6%
Residential	Dollars	June 21	295,704	29.7%	1,700,598	8.0%
Commercial	Dollars	June 21	911,789	54.9%	4,958,193	11.5%
Street Lights	Dollars	June 21	4,300	29.3%	24,759	2.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	41.15	23.7%	39.65	0.5%
Residential	Cents/KWh	June 21	41.20	26.8%	39.38	2.2%
Commercial	Cents/KWh	June 21	41.13	22.5%	39.75	-0.1%
Street Lights	Cents/KWh	June 21	41.06	29.3%	39.15	2.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	3,053,870	19.3%	17,694,791	10.1%
Electricity Generated at the Electric Utility Stations	KWH	June 21	3,046,430	19.9%	17,651,450	10.7%
- Generated by Steam	KWH	June 21	-	N/A	-	N/A
- Generated by Diesel	KWH	June 21	3,046,430	19.9%	17,651,450	10.7%
- Generated by Hydro and Wind	KWH	June 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 21	90,219	-6.6%	477,358	-19.8%
Electricity Used by Electric Utility Stations	KWH	June 21	82,779	6.6%	489,127	4.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	5,285	21.9%	30,522	12.3%
Total Cost of Oil Consumed	Dollars	June 21	625,608	95.7%	3,376,090	19.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	118.37	60.5%	110.61	6.2%
Month-end price per barrel	Dollars	June 21	122.41	54.3%	114.72	16.1%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.210	61.5%	0.192	8.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	September 21	0.25345	39.8%	0.23300	17.0%

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: Molokai						
Month of Sep - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	3,274	0.8%	3,270	0.7%
Residential	Consumers	June 21	2,723	0.7%	2,722	0.6%
Commercial	Consumers	June 21	542	1.3%	540	0.9%
Street Lights	Consumers	June 21	9	0.0%	9	-1.9%
Electric Meters						
All Sectors	Meters	June 21	3,260	0.8%	3,257	0.7%
Residential	Meters	June 21	2,723	0.7%	2,722	0.7%
Commercial	Meters	June 21	537	1.3%	535	0.8%
Street Lights	Meters	June 21	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 21	2,475,635	2.4%	13,834,019	0.1%
Residential	KWH	June 21	959,792	8.2%	5,534,621	2.9%
Commercial	KWH	June 21	1,478,783	-0.3%	8,079,222	-1.0%
Street Lights	KWH	June 21	37,060	-22.3%	220,176	-21.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	923,181	20.7%	4,997,440	-5.8%
Residential	Dollars	June 21	371,523	25.9%	2,045,130	-2.7%
Commercial	Dollars	June 21	538,351	18.2%	2,876,712	-7.1%
Street Lights	Dollars	June 21	13,307	-6.7%	75,598	-26.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	37.29	17.8%	36.12	-5.9%
Residential	Cents/KWh	June 21	38.71	16.3%	36.95	-5.5%
Commercial	Cents/KWh	June 21	36.41	18.5%	35.61	-6.2%
Street Lights	Cents/KWh	June 21	35.91	20.1%	34.34	-6.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	2,683,613	1.7%	15,162,587	0.2%
Electricity Generated at the Electric Utility Stations	KWH	June 21	2,789,860	1.7%	15,788,040	0.3%
- Generated by Steam	KWH	June 21	-	N/A	-	N/A
- Generated by Diesel	KWH	June 21	2,789,860	1.7%	15,788,040	0.3%
- Generated by Hydro and Wind	KWH	June 21	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 21	498	6.2%	2,925	6.4%
Electricity Used by Electric Utility Stations	KWH	June 21	106,745	0.7%	628,375	1.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	June 21	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	4,845	3.7%	27,130	2.8%
Total Cost of Oil Consumed	Dollars	June 21	403,676	45.6%	2,122,639	-8.5%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	83.32	40.4%	78.24	-11.0%
Month-end price per barrel	Dollars	June 21	88.95	85.2%	81.82	-2.9%
Cost of Oil/KWH Generated	Dollar/KWH	June 21	0.140	40.0%	0.132	-11.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 21	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	June 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	September 21	0.19433	34.4%	0.17647	6.4%

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 Sep - 2021						
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	September 21	4.123	18.4%	3.890	9.7%
Gasoline - Mid Grade	\$ per Gallon	September 21	4.334	17.8%	4.089	9.4%
Gasoline - Premium	\$ per Gallon	September 21	4.586	16.0%	4.352	8.6%
Diesel	\$ per Gallon	September 21	4.409	7.2%	4.283	3.4%
Foreign Imports						
Crude Oil	1000 Barrels	July 21	-	N/A	-	N/A
Distillate	1000 Barrels	July 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 21	-	N/A	-	N/A
Propane	1000 Barrels	July 21	40	166.7%	184	33.3%
Fuel Ethanol	1000 Barrels	July 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 21	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 21	5,517,592	-3.0%	44,408,357	10.3%
Diesel Oil (non-hwy)	Gallons	July 21	2,608,133	15.9%	18,457,831	-5.6%
Diesel Oil (hwy use)	Gallons	July 21	2,704,439	173.2%	8,413,522	34.8%
LPG (off hwy)	Gallons	July 21	-	-	-	-
LPG (hwy use)	Gallons	July 21	373	-4.1%	665	-54.4%
Small Boat (gas)	Gallons	July 21	30,779	37.7%	195,035	15.4%
Small Boat (diesel)	Gallons	July 21	-	N/A	-	N/A
Aviation Fuel	Gallons	July 21	5,188,995	611.1%	26,313,149	77.2%
Other Fuel	Gallons	July 21	1,316,546	104.2%	6,874,740	-8.5%
Agricultural Refund	Gallons	July 21	6,616	-76.2%	65,534	-7.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 21	1,144	32.7%	1,020	30.4%
Passenger, Diesel	Vehicle	September 21	2,794	-1.4%	2,770	-3.2%
Passenger, Gasoline	Vehicle	September 21	178,037	-1.3%	177,869	-2.1%
Passenger, Hybrid	Vehicle	September 21	2,983	0.9%	2,939	-1.7%
Passenger, Misc Fuel	Vehicle	September 21	51	-70.2%	48	-72.3%
Freight, Electric	Vehicle	September 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	September 21	6,972	0.8%	6,954	0.8%
Freight, Gasoline	Vehicle	September 21	7,067	-1.3%	6,989	-3.5%
Freight, Hybrid	Vehicle	September 21	4	0.0%	4	42.9%
Freight, Misc Fuel	Vehicle	September 21	3	-25.0%	3	-21.1%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 21	87,696	0.8%	87,503	0.8%
Residential	Consumers	June 21	76,223	0.8%	76,076	0.9%
Commercial	Consumers	June 21	11,309	0.5%	11,264	0.1%
Street Lights	Consumers	June 21	164	-1.2%	163	-1.2%
Electric Meters						
All Sectors	Meters	June 21	87,322	0.8%	87,130	0.7%
Residential	Meters	June 21	76,223	0.8%	76,077	0.9%
Commercial	Meters	June 21	11,061	0.5%	11,015	-0.1%
Street Lights	Meters	June 21	38	0.0%	38	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 21	87,352,376	14.5%	501,014,891	5.2%
Residential	KWH	June 21	36,625,718	16.4%	214,238,172	7.6%
Commercial	KWH	June 21	50,523,697	13.3%	285,571,240	3.5%
Street Lights	KWH	June 21	202,961	1.5%	1,205,479	1.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 21	30,622,620	20.6%	174,145,369	5.4%
Residential	Dollars	June 21	13,661,703	24.8%	78,283,015	8.7%
Commercial	Dollars	June 21	16,889,103	17.6%	95,439,768	2.9%
Street Lights	Dollars	June 21	71,814	2.5%	422,586	-2.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 21	35.06	5.3%	34.76	0.2%
Residential	Cents/KWh	June 21	37.30	7.2%	36.54	1.1%
Commercial	Cents/KWh	June 21	33.43	3.8%	33.42	-0.6%
Street Lights	Cents/KWh	June 21	35.38	1.0%	35.06	-4.1%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 21	92,567,100	13.5%	531,916,314	4.9%
Electricity Generated at the Electric Utility Stations	KWH	June 21	37,299,664	-27.9%	282,648,852	-11.3%
- Generated by Steam	KWH	June 21	14,223,152	-27.8%	90,097,646	-17.7%
- Generated by Diesel	KWH	June 21	22,824,352	-28.6%	187,888,376	-8.0%
- Generated by Hydro and Wind	KWH	June 21	252,160	172.9%	4,662,830	-1.6%
Electricity Purchased from Independent Power Plant	KWH	June 21	57,507,406	78.5%	263,581,602	29.6%
Electricity Used by Electric Utility Stations	KWH	June 21	2,239,970	-8.0%	14,314,140	-3.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	29,618	-25.6%	189,280	-14.9%
Total Cost of Oil Consumed	Dollars	June 21	2,174,907	16.9%	12,255,832	-5.9%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	73.43	57.0%	64.75	10.5%
Month-end price per barrel	Dollars	June 21	72.88	56.4%	64.76	10.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.150	66.7%	0.137	13.9%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	39,510	-23.0%	314,600	-2.9%
Total Cost of Oil Consumed	Dollars	June 21	3,427,202	32.3%	23,815,612	-7.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	86.74	71.8%	75.70	-4.4%
Month-end price per barrel	Dollars	June 21	83.78	75.9%	73.00	-4.3%
Cost of Oil/KWH Generated	Dollar/KWh	June 21	0.180	80.0%	0.153	-1.1%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 21	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 21	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	June 21	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 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	September 21	0.18588	27.6%	0.16235	12.8%

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 Sep - 2021

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	September-21	4,325	20.3%	4,032	10.4%
Gasoline - Mid Grade	\$ per Gallon	September-21	4,569	18.9%	4,233	8.3%
Gasoline - Premium	\$ per Gallon	September-21	4,686	20.0%	4,374	10.5%
Diesel	\$ per Gallon	September-21	4,747	11.4%	4,565	7.5%
Foreign Imports						
Crude Oil	1000 Barrels	July-21	-	N/A	-	N/A
Distillate	1000 Barrels	July-21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July-21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July-21	-	N/A	-	N/A
Propane	1000 Barrels	July-21	26	30.0%	116	23.4%
Fuel Ethanol	1000 Barrels	July-21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July-21	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 21	2,627,751	28.4%	15,224,782	9.8%
Diesel Oil (non-hwy)	Gallons	July 21	566,583	214.7%	2,614,887	45.3%
Diesel Oil (hwy use)	Gallons	July 21	273,044	0.5%	1,799,524	8.7%
LPG (off hwy)	Gallons	July 21	-	N/A	319	-19.8%
LPG (hwy use)	Gallons	July 21	-	N/A	-	N/A
Small Boat (gas)	Gallons	July 21	-	N/A	-	N/A
Small Boat (diesel)	Gallons	July 21	-	N/A	-	N/A
Aviation Fuel	Gallons	July 21	2,604,606	2579.9%	8,299,412	5.7%
Other Fuel	Gallons	July 21	1,130,068	23.2%	6,288,988	4.8%
Agricultural Refund	Gallons	July 21	2,942	-0.7%	17,028	-24.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September-21	495	32.7%	446	24.9%
Passenger, Diesel	Vehicle	September-21	897	-4.8%	887	-7.9%
Passenger, Gasoline	Vehicle	September-21	74,007	-2.7%	73,660	-4.7%
Passenger, Hybrid	Vehicle	September-21	1,016	-1.6%	993	-5.9%
Passenger, Misc Fuel	Vehicle	September-21	12	-85.0%	13	-84.3%
Freight, Electric	Vehicle	September-21	1	N/A	1	N/A
Freight, Diesel	Vehicle	September-21	2,304	0.0%	2,304	0.9%
Freight, Gasoline	Vehicle	September-21	2,002	1.5%	1,981	2.2%
Freight, Hybrid	Vehicle	September-21	1	0.0%	1	-50.0%
Freight, Misc Fuel	Vehicle	September-21	1	0.0%	1	0.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	August-21	38,631	0.7%	38,555	1.0%
Residential	Consumers	August-21	29,813	0.7%	29,773	1.2%
Commercial	Consumers	August-21	5,049	1.6%	5,016	0.5%
Street Lights	Consumers	August-21	3,769	0.1%	3,766	0.0%
Electric Meters						
All Sectors	Meters	August-21	38,631	0.7%	38,555	1.0%
Residential	Meters	August-21	29,813	0.7%	29,773	1.2%
Commercial	Meters	August-21	5,049	1.6%	5,016	0.5%
Street Lights	Meters	August-21	3,769	0.1%	3,766	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	August-21	41,015,005	11.3%	282,872,023	2.9%
Residential	KWH	August-21	17,301,661	9.0%	121,844,225	5.8%
Commercial	KWH	August-21	23,649,140	13.1%	160,514,166	0.8%
Street Lights	KWH	August-21	64,204	0.0%	513,632	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	August-21	14,366,454	19.6%	98,744,425	9.9%
Residential	Dollars	August-21	6,280,865	18.4%	43,759,372	12.4%
Commercial	Dollars	August-21	8,028,268	20.6%	54,530,684	8.0%
Street Lights	Dollars	August-21	57,321	4.2%	454,369	2.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWH	August-21	35.03	7.4%	34.91	6.8%
Residential	Cents/KWH	August-21	36.30	8.6%	35.91	6.3%
Commercial	Cents/KWH	August-21	33.95	6.6%	33.97	7.1%
Street Lights	Cents/KWH	August-21	89.28	4.2%	88.46	2.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	August-21	41,813,245	14.5%	297,324,850	3.7%
Electricity Generated at the Electric Utility Stations	KWH	August-21	19,233,683	43.3%	115,859,372	0.0%
- Generated by Steam	KWH	August-21	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	August-21	18,996,513	43.8%	114,568,498	0.8%
- Generated by Hydro and Wind	KWH	August-21	237,170	11.7%	1,290,874	-41.8%
Electricity Purchased from Independent Power Plant	KWH	August-21	23,086,499	-0.5%	183,656,545	6.6%
Electricity Used by Electric Utility Stations	KWH	August-21	506,937	441.1%	2,191,067	49.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	August-21	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	August-21	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	August-21	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	August-21	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-21	33,247	42.5%	206,834	3.1%
Total Cost of Oil Consumed	Dollars	August-21	3,224,115	151.0%	16,984,098	30.8%
Ave Cost/Bbl of Oil Consumed	Dollars	August-21	96.98	76.1%	82.11	26.9%
Month-end price per barrel	Dollars	August-21	107.56	54.7%	96.78	29.7%
Cost of Oil/KWH Generated	Dollar/KWH	August-21	0.170	74.6%	0.147	31.7%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	September-21	-0.00627	-81.3%	-0.00599	-81.4%

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