

# MONTHLY ENERGY TREND HIGHLIGHTS

## September 2021 Highlights

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### Crude Oil Prices:

In October 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 \$81.11 per barrel in October 2021 which was up \$41.60 (105.3%) per barrel from the same month last year. Compared to September 2021, it was an increase of \$9.56 (13.4%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.9 million barrels of foreign crude oil in August 2021. This was an increase of 2.1 million barrels (281.8%) from the same month last year. Compared to July 2021, it was an increase of 1.8 million barrels (173.7%).

### Gasoline Prices:

In October 2021, the regular gasoline price in Hawaii averaged \$4.193 per gallon, which was 87.9 cents per gallon (26.5%) higher than the national average for the same month.

Hawaii's regular gasoline price in October 2021 was an increase of 93.6 cents per gallon (28.7%) from the same month last year, and an increase of 12.3 cents per gallon (3.0%) from September 2021.

The national average price for regular gasoline in October 2021 was \$3.314 per gallon, an increase of \$1.14 per gallon (52.7%) from the same month last year, and an increase of 12.9 cents per gallon (4.0%) from September 2021.

The average prices of regular gasoline within the State in October 2021 were as follows: Kauai, \$4.428; Wailuku, \$4.253; Hilo, \$4.225; and Oahu, \$4.113.

### Diesel Fuel Prices:

The national average price for diesel in October 2021 was \$3.517 per gallon which was an increase of \$1.14 (47.8%) from the same month a year ago, and an increase of 21.3 cents (6.4%) from September 2021.

Hawaii's average price for diesel in October 2021 was \$4.516 per gallon which increased 47.6 cents (11.8%) per gallon from the same month last year and increased 13.6 cents per gallon (3.1%) from September 2021. Hawaii's diesel price was \$0.999 per gallon (28.4%) higher than the national average.

In October 2021, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.911; Wailuku, \$4.625; Hilo, \$4.530; and Oahu, \$4.429.

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in August 2021, as measured by the gasoline tax base, was 37.5 million gallons, which increased 8.5 million gallons (29.4%) from the same month a year ago. Gasoline in August 2021 was mainly consumed in Honolulu (59.4%), followed by Hawaii County (18.8%), Maui County (15.0%), and Kauai County (6.9%).

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

Hawaii's August 2021 consumption for highway use diesel was 4.1 million gallons, which increased 0.8 million gallons (25.8%) from the same month last year. Highway use diesel in August 2021 was mainly consumed in Honolulu (53.0%), followed by Hawaii County (26.9%), Maui County (13.0%), and Kauai County (7.1%).

### **Aviation Fuel Consumption:**

In August 2021, data from the Department of Taxation showed statewide aviation fuel consumption was 28.7 million gallons, which increased 23.1 million gallons (417.2%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (37.9%), Maui County (34.2%), Hawaii County (18.3%), and Kauai County (9.6%).

### **Registered Taxable Vehicles:**

As of October 2021, there were 1,053,953 registered passenger vehicles in the state, a decrease of 6,058 vehicles (0.6%) from the same month last year and a decrease of 215 vehicles (0.02%) from September 2021. The number of passenger gasoline vehicles was 1,005,222, which was 95.4% of total passenger vehicles. It represents a decrease of 9,983 vehicles (1.0%) from the same period last year, and a decrease of 713 vehicles (0.1%) from September 2021.

In October 2021, the number of passenger electric vehicles in the state was 17,039, an increase of 4,086 vehicles (31.5%) from the same month last year, and an increase of 451 vehicles (2.7%) from September 2021. The number of passenger hybrid vehicles in the state in this month was 23,648, accounting for 2.2% of the total passenger vehicles. It represents an increase of 1.7% from the same month last year and an increase of 0.1% from September 2021.

In October 2021, there were 50,014 registered freight gasoline vehicles, a 0.4% increase from the same period last year, and a 0.2% increase from September 2021. The number of freight diesel vehicles in October 2021 was 23,842, a 0.8% decrease from the same period last year, but a 0.04% increase from September 2021.

Monthly Energy Trend: State Month of Oct - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Crude Oil Price</b>						
NYMEX WTI Future Price	\$ per Barrel	October 21	81.11	105.3%	66.48	72.7%
Europe Brent Spot Price	\$ per Barrel	October 21	0.00	-100.0%	67.71	65.8%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	October 21	3.314	52.7%	2.953	35.3%
Gasoline -Mid Grade, National	\$ per Gallon	October 21	3.653	45.2%	3.289	30.0%
Gasoline -Premium, National	\$ per Gallon	October 21	3.927	41.1%	3.560	27.3%
Diesel, National	\$ per Gallon	October 21	3.517	47.8%	3.128	22.1%
Gasoline - Regular, State	\$ per Gallon	October 21	4.193	28.7%	3.826	14.8%
Gasoline -Mid Grade, State	\$ per Gallon	October 21	4.386	27.3%	4.020	14.3%
Gasoline -Premium, State	\$ per Gallon	October 21	4.636	26.5%	4.266	14.8%
Diesel, State	\$ per Gallon	October 21	4.516	11.8%	4.274	4.8%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	October 21	36.00%	20.0%	33.45%	4.5%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	August 21	2,852	281.8%	16,330	29.7%
Distillate	1000 Barrels	August 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 21	1,302	102.8%	3,839	-42.0%
Residual Fuel Oil	1000 Barrels	August 21	-	N/A	-	N/A
Propane	1000 Barrels	August 21	74	32.1%	540	10.4%
Fuel Ethanol	1000 Barrels	August 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 21	162	-74.4%	2,295	6.7%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	August 21	37,480,758	29.4%	278,368,295	13.4%
Diesel Oil (non-hwy)	Gallons	August 21	12,393,394	47.0%	84,723,213	-6.5%
Diesel Oil (hwy use)	Gallons	August 21	4,143,754	25.8%	29,769,291	9.6%
LPG (off hwy)	Gallons	August 21	-	-	-	-
LPG (hwy use)	Gallons	August 21	2,556	57.9%	12,370	15.9%
Small Boat (gas)	Gallons	August 21	71,906	19.0%	432,136	-51.2%
Small Boat (diesel)	Gallons	August 21	382,334	-0.1%	3,581,624	67.9%
Aviation Fuel	Gallons	August 21	28,665,575	417.2%	170,032,646	84.6%
Other Fuel	Gallons	August 21	2,061,591	-6.5%	16,125,920	-4.0%
Agricultural Refund	Gallons	August 21	1,608	-42.0%	348,623	11.1%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	October 21	17,039	31.5%	15,163	25.5%
Passenger, Diesel	Vehicle	October 21	7,369	-1.7%	7,315	-4.8%
Passenger, Gasoline	Vehicle	October 21	1,005,222	-1.0%	1,002,258	-2.6%
Passenger, Hybrid	Vehicle	October 21	23,648	1.7%	23,208	-2.0%
Passenger, Misc Fuel	Vehicle	October 21	675	-38.6%	650	-40.9%
Freight, Electric	Vehicle	October 21	28	40.0%	27	51.4%
Freight, Diesel	Vehicle	October 21	23,842	-0.8%	23,881	-1.0%
Freight, Gasoline	Vehicle	October 21	50,014	0.4%	49,576	-1.2%
Freight, Hybrid	Vehicle	October 21	78	16.4%	73	5.5%
Freight, Misc Fuel	Vehicle	October 21	55	-40.2%	59	-37.9%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
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%
<b>Electric Meters</b>						
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%
<b>Electricity Sale (KWH sold)</b>						
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%
<b>Net Revenue of Utility Companies</b>						
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%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
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%
<b>Electricity Production</b>						
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%
<b>Fuel Oil Used by Utility Companies</b>						
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%
<b>Diesel Oil Used by Utility Companies</b>						
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%
<b>Biodiesel Oil Used by Utility Companies</b>						
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 Oct - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	October 21	4.113	33.7%	3.727	17.6%
Gasoline - Mid Grade	\$ per Gallon	October 21	4.348	30.5%	3.971	16.1%
Gasoline - Premium	\$ per Gallon	October 21	4.617	29.1%	4.232	16.3%
Diesel	\$ per Gallon	October 21	4.429	9.9%	4.204	3.5%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	August 21	2,852	281.8%	16,330	29.7%
Distillate	1000 Barrels	August 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 21	1,302	102.8%	3,839	-42.0%
Residual Fuel Oil	1000 Barrels	August 21	-	N/A	-	N/A
Propane	1000 Barrels	August 21	-	N/A	-	-100.0%
Fuel Ethanol	1000 Barrels	August 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 21	151	-76.1%	2,284	6.2%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	August 21	22,271,682	23.6%	167,842,987	11.1%
Diesel Oil (non-hwy)	Gallons	August 21	3,015,472	25.7%	26,170,804	-30.2%
Diesel Oil (hwy use)	Gallons	August 21	2,194,741	31.6%	14,500,974	-1.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 21	2,542	74.7%	11,319	30.9%
Small Boat (gas)	Gallons	August 21	35,277	2.5%	172,597	-73.6%
Small Boat (diesel)	Gallons	August 21	382,334	-0.1%	3,581,624	67.9%
Aviation Fuel	Gallons	August 21	10,874,165	177.5%	65,365,014	49.6%
Other Fuel	Gallons	August 21	121,599	-7.2%	904,399	-13.7%
Agricultural Refund	Gallons	August 21	1,608	-41.7%	205,150	17.1%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	October 21	13,431	32.3%	11,919	25.7%
Passenger, Diesel	Vehicle	October 21	2,325	-1.5%	2,309	-7.1%
Passenger, Gasoline	Vehicle	October 21	598,104	-0.7%	595,361	-2.3%
Passenger, Hybrid	Vehicle	October 21	16,316	2.7%	15,940	-1.6%
Passenger, Misc Fuel	Vehicle	October 21	397	-30.5%	371	-34.5%
Freight, Electric	Vehicle	October 21	27	35.0%	26	45.9%
Freight, Diesel	Vehicle	October 21	10,880	-2.3%	10,975	-2.6%
Freight, Gasoline	Vehicle	October 21	34,207	0.1%	33,939	-1.4%
Freight, Hybrid	Vehicle	October 21	71	20.3%	65	5.7%
Freight, Misc Fuel	Vehicle	October 21	46	-43.2%	50	-40.9%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
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%
<b>Electric Meters</b>						
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%
<b>Electricity Sale (KWH Sold)</b>						
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%
<b>Net Revenue of Utility Companies</b>						
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%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
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%
<b>Electricity Production</b>						
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%
<b>Fuel Oil Used by Utility Companies</b>						
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%
<b>Diesel Oil Used by Utility Companies</b>						
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%
<b>Biodiesel Oil Used by Utility Companies</b>						
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%
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	October 21	0.14327	35.3%	0.13188	11.3%

Source:  
NYMEX WTI Prices, New York Mercantile Exchange  
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration  
Foreign Imports, US Department of Energy, Energy Information Administration  
Gasoline and Diesel Prices, American Automobile Association  
Fuel Surcharges, Matson Navigation Company  
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)  
Registered Vehicles, City and County Honolulu  
Electric Utility Data, Hawaii Electric Company, Inc., 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 Oct - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Wailuku Only)</b>						
Gasoline - Regular	\$ per Gallon	October 21	4.253	21.1%	3.888	8.9%
Gasoline - Mid Grade	\$ per Gallon	October 21	4.429	19.6%	4.060	7.3%
Gasoline - Premium	\$ per Gallon	October 21	4.634	20.1%	4.265	9.1%
Diesel	\$ per Gallon	October 21	4.625	16.5%	4.356	7.9%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	August 21	-	N/A	-	N/A
Distillate	1000 Barrels	August 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August 21	-	N/A	-	N/A
Propane	1000 Barrels	August 21	50	127.3%	216	70.1%
Fuel Ethanol	1000 Barrels	August 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 21	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	August 21	5,609,945	49.9%	41,293,038	24.6%
Diesel Oil (non-hwy)	Gallons	August 21	5,611,207	94.0%	33,712,976	17.5%
Diesel Oil (hwy use)	Gallons	August 21	539,905	30.0%	3,646,163	10.5%
LPG (off hwy)	Gallons		-			
LPG (hwy use)	Gallons	August 21	-	N/A	53	560.7%
Small Boat (gas)	Gallons	August 21	5,331	43.8%	33,206	-19.7%
Small Boat (diesel)	Gallons	August 21	-	N/A	-	N/A
Aviation Fuel	Gallons	August 21	9,809,235	1586.9%	62,072,896	151.7%
Other Fuel	Gallons	August 21	23,048	5.6%	140,849	-21.7%
Agricultural Refund	Gallons	August 21	-	N/A	60,911	34.6%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	October 21	1,923	24.6%	1,756	20.9%
Passenger, Diesel	Vehicle	October 21	1,341	-2.5%	1,344	-2.8%
Passenger, Gasoline	Vehicle	October 21	155,396	-1.4%	155,349	-3.8%
Passenger, Hybrid	Vehicle	October 21	3,321	-2.4%	3,328	-3.6%
Passenger, Misc Fuel	Vehicle	October 21	215	-22.1%	218	-22.0%
Freight, Electric	Vehicle	October 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	October 21	3,660	0.3%	3,643	-0.5%
Freight, Gasoline	Vehicle	October 21	6,738	1.7%	6,656	0.6%
Freight, Hybrid	Vehicle	October 21	2	-33.3%	2	-20.0%
Freight, Misc Fuel	Vehicle	October 21	5	-16.7%	5	-13.8%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
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%
<b>Electric Meters</b>						
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%
<b>Electricity Sale (KWH Sold)</b>						
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%
<b>Net Revenue of Utility Companies</b>						
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%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
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%
<b>Electricity Production</b>						
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%
<b>Fuel Oil Used by Utility Companies</b>						
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%
<b>Diesel Oil Used by Utility Companies</b>						
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%
<b>Biodiesel Oil Used by Utility Companies</b>						
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
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	October 21	0.18225	36.1%	0.17218	10.0%

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: Lanai Month of Oct - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	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%
<b>Electric Meters</b>						
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%
<b>Electricity Sale (KWH Sold)</b>						
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%
<b>Net Revenue of Utility Companies</b>						
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%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
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%
<b>Electricity Production</b>						
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%
<b>Fuel Oil Used by Utility Companies</b>						
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
<b>Diesel Oil Used by Utility Companies</b>						
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%
<b>Biodiesel Oil Used by Utility Companies</b>						
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
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C	\$/KWH	October 21	0.24342	34.7%	0.23405	18.6%

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: Molokai Month of Oct - 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	October 21	0.20326	86.9%	0.17915	11.9%

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: Hawaii						
Month of Oct - 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	October 21	4.225	21.0%	3.924	10.8%
Gasoline - Mid Grade	\$ per Gallon	October 21	4.429	20.1%	4.123	10.4%
Gasoline - Premium	\$ per Gallon	October 21	4.680	18.4%	4.385	9.6%
Diesel	\$ per Gallon	October 21	4.530	10.0%	4.308	4.0%
Foreign Imports						
Crude Oil	1000 Barrels	August 21	-	N/A	-	N/A
Distillate	1000 Barrels	August 21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August 21	-	N/A	-	N/A
Propane	1000 Barrels	August 21	10	-60.0%	194	19.0%
Fuel Ethanol	1000 Barrels	August 21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 21	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	August 21	7,031,120	29.5%	51,439,477	12.6%
Diesel Oil (non-hwy)	Gallons	August 21	3,166,104	4.8%	21,623,935	-4.2%
Diesel Oil (hwy use)	Gallons	August 21	1,116,025	14.3%	9,529,547	32.0%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 21	14	-84.5%	679	-56.2%
Small Boat (gas)	Gallons	August 21	31,298	40.3%	226,333	18.3%
Small Boat (diesel)	Gallons	August 21	-	N/A	-	N/A
Aviation Fuel	Gallons	August 21	5,243,158	492.7%	31,556,307	100.6%
Other Fuel	Gallons	August 21	1,092,190	-9.5%	7,966,930	-8.7%
Agricultural Refund	Gallons	August 21	-	N/A	65,534	-7.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October 21	1,178	34.2%	1,036	30.8%
Passenger, Diesel	Vehicle	October 21	2,804	-0.7%	2,774	-2.9%
Passenger, Gasoline	Vehicle	October 21	178,087	-0.9%	177,891	-2.0%
Passenger, Hybrid	Vehicle	October 21	2,993	1.5%	2,944	-1.4%
Passenger, Misc Fuel	Vehicle	October 21	51	-70.5%	48	-72.1%
Freight, Electric	Vehicle	October 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	October 21	6,995	0.9%	6,958	0.8%
Freight, Gasoline	Vehicle	October 21	7,065	-0.1%	6,997	-3.1%
Freight, Hybrid	Vehicle	October 21	4	0.0%	4	37.5%
Freight, Misc Fuel	Vehicle	October 21	3	-25.0%	3	-21.4%
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	October 21	0.18447	29.2%	0.16456	14.5%

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: Kauai Month of Oct - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	October-21	4.428	22.8%	4.072	11.6%
Gasoline - Mid Grade	\$ per Gallon	October-21	4.631	20.1%	4.273	9.4%
Gasoline - Premium	\$ per Gallon	October-21	4.803	21.8%	4.417	11.6%
Diesel	\$ per Gallon	October-21	4.911	15.1%	4.600	8.2%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	August-21	-	N/A	-	N/A
Distillate	1000 Barrels	August-21	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August-21	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August-21	-	N/A	-	N/A
Propane	1000 Barrels	August-21	14	55.6%	130	26.2%
Fuel Ethanol	1000 Barrels	August-21	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August-21	11	N/A	11	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	August 21	2,568,011	44.8%	17,792,793	13.8%
Diesel Oil (non-hwy)	Gallons	August 21	600,611	392.9%	3,215,498	67.3%
Diesel Oil (hwy use)	Gallons	August 21	293,083	24.9%	2,092,607	10.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 21	-	-100.0%	319	-32.4%
Small Boat (gas)	Gallons	August 21	-	N/A	-	N/A
Small Boat (diesel)	Gallons	August 21	-	N/A	-	N/A
Aviation Fuel	Gallons	August 21	2,739,017	1637.7%	11,038,429	37.8%
Other Fuel	Gallons	August 21	824,754	-2.3%	7,113,742	3.9%
Agricultural Refund	Gallons	August 21	-	-100.0%	17,028	-24.1%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	October-21	507	34.1%	452	25.8%
Passenger, Diesel	Vehicle	October-21	899	-4.0%	888	-7.5%
Passenger, Gasoline	Vehicle	October-21	73,635	-2.4%	73,657	-4.4%
Passenger, Hybrid	Vehicle	October-21	1,018	-0.5%	995	-5.3%
Passenger, Misc Fuel	Vehicle	October-21	12	-84.8%	13	-84.4%
Freight, Electric	Vehicle	October-21	1	N/A	1	N/A
Freight, Diesel	Vehicle	October-21	2,307	-0.3%	2,305	0.8%
Freight, Gasoline	Vehicle	October-21	2,004	1.5%	1,983	2.1%
Freight, Hybrid	Vehicle	October-21	1	0.0%	1	-50.0%
Freight, Misc Fuel	Vehicle	October-21	1	0.0%	1	0.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September-21	38,648	0.7%	38,565	0.9%
Residential	Consumers	September-21	29,837	0.6%	29,780	1.1%
Commercial	Consumers	September-21	5,042	2.0%	5,019	0.7%
Street Lights	Consumers	September-21	3,769	0.1%	3,767	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	September-21	38,648	0.7%	38,565	0.9%
Residential	Meters	September-21	29,837	0.6%	29,780	1.1%
Commercial	Meters	September-21	5,042	2.0%	5,019	0.7%
Street Lights	Meters	September-21	3,769	0.1%	3,767	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September-21	38,126,117	10.0%	320,998,140	3.7%
Residential	KWH	September-21	16,133,324	6.7%	137,977,549	5.9%
Commercial	KWH	September-21	21,929,124	12.6%	182,443,290	2.1%
Street Lights	KWH	September-21	63,669	-0.8%	577,301	-0.1%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September-21	13,418,619	17.5%	112,163,044	10.7%
Residential	Dollars	September-21	5,817,612	14.3%	49,576,984	12.6%
Commercial	Dollars	September-21	7,544,139	20.2%	62,074,824	9.3%
Street Lights	Dollars	September-21	56,867	2.5%	511,236	2.3%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September-21	35.20	6.8%	34.94	6.8%
Residential	Cents/KWh	September-21	36.06	7.2%	35.93	6.4%
Commercial	Cents/KWh	September-21	34.40	6.7%	34.02	7.0%
Street Lights	Cents/KWh	September-21	89.32	3.3%	88.56	2.4%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September-21	42,065,163	8.5%	339,390,013	4.3%
Electricity Generated at the Electric Utility Stations	KWH	September-21	19,545,968	33.4%	135,405,340	3.7%
- Generated by Steam	KWH	September-21	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	September-21	19,128,273	31.7%	133,696,771	4.3%
- Generated by Hydro and Wind	KWH	September-21	417,695	212.9%	1,708,569	-27.3%
Electricity Purchased from Independent Power Plant	KWH	September-21	23,014,207	-5.9%	206,670,752	5.0%
Electricity Used by Electric Utility Stations	KWH	September-21	495,012	42.7%	2,686,079	48.1%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September-21	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September-21	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September-21	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	September-21	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	September-21	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September-21	33,011	35.5%	239,845	6.6%
Total Cost of Oil Consumed	Dollars	September-21	3,104,825	83.6%	20,088,923	36.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September-21	94.05	35.4%	83.76	28.4%
Month-end price per barrel	Dollars	September-21	111.34	56.1%	98.40	32.5%
Cost of Oil/KWH Generated	Dollar/KWH	September-21	0.162	39.4%	0.148	32.5%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	October-21	-0.00247	-92.9%	-0.00563	-82.6%

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  
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