



# MONTHLY ENERGY TREND HIGHLIGHTS

## JANUARY 2021

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### Crude Oil Prices:

In January 2021, 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 \$52.09 per barrel in January 2021 which was down \$5.43 (9.4%) per barrel from the same month last year. Compared to December 2020, it was an increase of \$5.03 (10.7%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.7 million barrels of foreign crude oil in November 2020. This was a decrease of 1.1 million barrels (38.5%) from the same month last year. Compared to October 2020, it was a decrease of 0.9 million barrels (34.6%).

### Gasoline Prices:

In January 2021, the regular gasoline price in Hawaii averaged \$3.308 per gallon, which was \$0.959 per gallon (40.8%) higher than the national average for the same month.

Hawaii's regular gasoline price in January 2021 was a decrease of 35.0 cents per gallon (9.6%) from the same month last year, but an increase of 3.4 cents per gallon (1.0%) from December 2020.

The national average price for regular gasoline in January 2021 was \$2.349 per gallon, a decrease of 20.6 cents per gallon (8.1%) from the same month last year, but an increase of 14.4 cents per gallon (6.5%) from December 2020.

The average prices of regular gasoline within the State in January 2021 were as follows: Kauai, \$3.652; Wailuku, \$3.521; Hilo, \$3.498; and Oahu, \$3.142.

### Diesel Fuel Prices:

The national average price for diesel in January 2021 was \$2.610 per gallon which was a decrease of 38.5 cents (12.9%) from the same month a year ago, but an increase of 10.8 cents (4.3%) from December 2020.

Hawaii's average price for diesel in January 2021 was \$4.066 per gallon which decreased 18.4 cents (4.3%) per gallon from the same month last year but increased 0.6 cents per gallon (0.2%) from December 2020. Hawaii's diesel price was \$1.456 per gallon (55.8%) higher than the national average.

In January 2021, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.296; Hilo, \$4.123; Oahu, \$4.039; and Wailuku, \$4.036.

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in November 2020, as measured by the gasoline tax base, was 30.2 million gallons, which decreased 7.3 million gallons (19.6%) from the same month a year ago. Gasoline in November 2020 was mainly consumed in Honolulu (61.3%), followed by Hawaii County (18.7%), Maui County (13.6%), and Kauai County (6.4%).

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

Hawaii's November 2020 consumption for highway use diesel was 3.2 million gallons, which decreased 0.6 million gallons (15.7%) from the same month last year. Highway use diesel in November 2020 was mainly consumed in Honolulu (52.3%), followed by Hawaii County (27.8%), Maui County (12.5%), and Kauai County (7.4%).

### **Aviation Fuel Consumption:**

In November 2020, data from the Department of Taxation showed statewide aviation fuel consumption was 12.4 million gallons, which decreased 9.62 million gallons (43.7%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (41.1%), Maui County (27.9%), Hawaii County (21.8%), and Kauai County (9.2%).

### **Registered Taxable Vehicles:**

As of January 2021, there were 1,051,099 registered passenger vehicles in the state, a decrease of 33,428 vehicles (3.1%) from the same month last year and a decrease of 3,256 vehicles (0.3%) from December 2020. The number of passenger gasoline vehicles was 1,006,460, which was 95.8% of total passenger vehicles. It represents a decrease of 33,744 vehicles (3.2%) from the same period last year, and a decrease of 3,353 vehicles (0.3%) from December 2020.

In January 2021, the number of passenger electric vehicles in the state was 13,686, an increase of 2,605 vehicles (23.5%) from the same month last year, and an increase of 263 vehicles (2.0%) from December 2020. The number of passenger hybrid vehicles in the state in this month was 22,975, accounting for 2.2% of the total passenger vehicles. It represents a decrease of 5.4% from the same month last year and a decrease of 0.3% from December 2020.

In January 2021, there were 49,467 registered freight gasoline vehicles, a 1.3% decrease from the same period last year, and a 0.1% decrease from December 2020. The number of freight diesel vehicles in January 2021 was 23,953, a 1.2% decrease from the same period last year, and a 0.2% decrease from December 2020.

Monthly Energy Trend: State						
Month of Jan - 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	January 21	52.09	-9.4%	52.09	-9.4%
Europe Brent Spot Price	\$ per Barrel	December 20	49.99	-25.7%	41.76	-35.1%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	January 21	2.349	-8.1%	2.349	-8.1%
Gasoline -Mid Grade, National	\$ per Gallon	January 21	2.676	-7.3%	2.676	-7.3%
Gasoline -Premium, National	\$ per Gallon	January 21	2.944	-6.5%	2.944	-6.5%
Diesel, National	\$ per Gallon	January 21	2.610	-12.9%	2.610	-12.9%
Gasoline - Regular, State	\$ per Gallon	January 21	3.308	-9.6%	3.308	-9.6%
Gasoline -Mid Grade, State	\$ per Gallon	January 21	3.498	-9.1%	3.498	-9.1%
Gasoline -Premium, State	\$ per Gallon	January 21	3.718	-7.8%	3.718	-7.8%
Diesel, State	\$ per Gallon	January 21	4.066	-4.3%	4.066	-4.3%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	January 21	30.00%	-14.3%	30.00%	-14.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	November 20	1,707	-38.5%	18,563	-24.7%
Distillate	1000 Barrels	November 20	-	N/A	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	November 20	330	N/A	6,952	-22.1%
Residual Fuel Oil	1000 Barrels	November 20	-	N/A	-	N/A
Propane	1000 Barrels	November 20	56	1.8%	600	-26.0%
Fuel Ethanol	1000 Barrels	November 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 20	-	-100.0%	2,297	-43.0%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	November 20	30,170,215	-19.6%	333,262,468	-21.9%
Diesel Oil (non-hwy)	Gallons	November 20	10,681,771	-16.3%	123,177,439	-7.5%
Diesel Oil (hwy use)	Gallons	November 20	3,186,821	-15.7%	37,656,200	-14.0%
LPG (off hwy)	Gallons	November 20	-	-	-	-
LPG (hwy use)	Gallons	November 20	795	38.0%	13,293	67.9%
Small Boat (gas)	Gallons	November 20	54,480	-58.0%	1,066,033	-15.3%
Small Boat (diesel)	Gallons	November 20	352,373	19.0%	3,027,720	-2.8%
Aviation Fuel	Gallons	November 20	12,389,670	-43.7%	118,034,104	-52.0%
Other Fuel	Gallons	November 20	2,352,431	-15.1%	22,921,840	-40.3%
Agricultural Refund	Gallons	November 20	1,000	-98.2%	564,597	15.8%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	January 21	13,686	23.5%	13,686	23.5%
Passenger, Diesel	Vehicle	January 21	7,340	-6.7%	7,340	-6.7%
Passenger, Gasoline	Vehicle	January 21	1,006,460	-3.2%	1,006,460	-3.2%
Passenger, Hybrid	Vehicle	January 21	22,975	-5.4%	22,975	-5.4%
Passenger, Misc Fuel	Vehicle	January 21	638	-41.7%	638	-41.7%
Freight, Electric	Vehicle	January 21	24	71.4%	24	71.4%
Freight, Diesel	Vehicle	January 21	23,953	-1.2%	23,953	-1.2%
Freight, Gasoline	Vehicle	January 21	49,467	-1.3%	49,467	-1.3%
Freight, Hybrid	Vehicle	January 21	71	-2.7%	71	-2.7%
Freight, Misc Fuel	Vehicle	January 21	74	-27.5%	74	-27.5%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 20	505,310	0.5%	504,427	0.5%
Residential	Consumers	September 20	441,163	0.6%	440,036	0.5%
Commercial	Consumers	September 20	59,546	-0.6%	59,788	-0.1%
Street Lights	Consumers	September 20	4,601	0.2%	4,604	0.4%
<b>Electric Meters</b>						
All sectors	Meters	September 20	504,351	0.5%	503,477	0.5%
Residential	Meters	September 20	441,170	0.6%	440,044	0.5%
Commercial	Meters	September 20	59,247	-0.6%	59,498	-0.1%
Street Lights	Meters	September 20	3,934	0.2%	3,935	0.3%
<b>Electricity Sale (KWH sold)</b>						
All Sectors	KWH	September 20	723,147,044	-13.8%	6,288,099,683	-7.4%
Residential	KWH	September 20	237,574,722	-2.8%	1,960,528,881	2.1%
Commercial	KWH	September 20	485,222,838	-17.9%	4,308,488,384	-11.0%
Street Lights	KWH	September 20	349,484	-89.8%	19,082,418	-38.2%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	199,784,205	-15.9%	1,775,890,310	-10.6%
Residential	Dollars	September 20	72,321,283	-6.3%	613,897,538	-3.5%
Commercial	Dollars	September 20	127,273,840	-20.1%	1,155,905,630	-13.7%
Street Lights	Dollars	September 20	189,082	-82.0%	6,087,142	-35.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	27.63	-2.5%	28.24	-3.4%
Residential	Cents/KWh	September 20	30.44	-3.7%	31.31	-5.5%
Commercial	Cents/KWh	September 20	26.23	-2.7%	26.83	-3.1%
Street Lights	Cents/KWh	September 20	54.10	76.0%	31.90	4.0%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	760,050,934	-13.3%	6,601,750,247	-7.1%
Electricity Generated at the Electric Utility Stations	KWH	September 20	430,426,996	-14.7%	3,770,998,894	-7.4%
- Generated by Steam	KWH	September 20	310,287,466	-14.9%	2,730,271,745	-6.2%
- Generated by Diesel	KWH	September 20	113,031,517	-15.8%	980,386,064	-11.3%
- Generated by Biodiesel	KWH	September 20	3,157,949	-36.9%	23,406,537	-49.4%
- Generated by Solar	KWH	September 20	3,677,956	N/A	29,466,059	N/A
- Generated by Hydro and Wind	KWH	September 20	272,108	-49.6%	7,468,489	-30.2%
Electricity Purchased from Independent Power Plant	KWH	September 20	354,557,468	-11.7%	3,049,297,432	-6.5%
Electricity Used by Electric Utility Stations	KWH	September 20	24,933,573	-15.4%	218,546,122	-3.0%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	519,582	-13.5%	4,543,919	-5.4%
Total Cost of Oil Consumed	Dollars	September 20	28,482,274	-37.6%	275,989,013	-26.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	54.82	-27.9%	60.74	-22.6%
Month-end price per barrel	Dollars	September 20	51.45	-19.2%	55.04	-20.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.100	-22.8%	0.109	-20.2%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	192,785	-18.2%	1,689,366	-11.4%
Total Cost of Oil Consumed	Dollars	September 20	12,473,564	-41.1%	124,887,767	-28.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	64.70	-28.0%	73.93	-19.2%
Month-end price per barrel	Dollars	September 20	65.10	-31.0%	75.56	-22.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.118	-27.3%	0.139	-15.4%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	4,929	-36.1%	36,557	-50.1%
Total Cost of Oil Consumed	Dollars	September 20	819,978	-42.6%	5,892,357	-57.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	166.36	-10.2%	161.18	-14.8%
Month-end price per barrel	Dollars	September 20	160.43	-12.5%	154.23	-10.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.280	-3.4%	0.271	-12.5%

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., 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 - 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	January 21	3.142	-11.0%	3.142	-11.0%
Gasoline - Mid Grade	\$ per Gallon	January 21	3.393	-9.7%	3.393	-9.7%
Gasoline - Premium	\$ per Gallon	January 21	3.633	-8.4%	3.633	-8.4%
Diesel	\$ per Gallon	January 21	4.039	-3.9%	4.039	-3.9%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	November 20	1,707	-38.5%	18,563	-24.7%
Distillate	1000 Barrels	November 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 20	330	N/A	6,952	-22.1%
Residual Fuel Oil	1000 Barrels	November 20	-	N/A	-	N/A
Propane	1000 Barrels	November 20	-	-100.0%	130	-23.5%
Fuel Ethanol	1000 Barrels	November 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 20	-	-100.0%	2,297	-43.0%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	November 20	18,484,281	-19.2%	204,967,854	-21.0%
Diesel Oil (non-hwy)	Gallons	November 20	2,376,095	-46.8%	46,800,628	-36.6%
Diesel Oil (hwy use)	Gallons	November 20	1,667,872	-18.4%	20,598,536	-14.3%
LPG (off hwy)	Gallons	November 20	-	-	-	-
LPG (hwy use)	Gallons	November 20	726	46.4%	10,733	112.1%
Small Boat (gas)	Gallons	November 20	29,744	-68.1%	758,247	-11.1%
Small Boat (diesel)	Gallons	November 20	352,373	19.0%	3,027,720	-2.8%
Aviation Fuel	Gallons	November 20	5,092,019	-41.9%	55,671,021	-41.0%
Other Fuel	Gallons	November 20	121,063	-7.3%	1,427,589	8.2%
Agricultural Refund	Gallons	November 20	-	-100.0%	343,256	122.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	January 21	10,753	24.4%	10,753	24.4%
Passenger, Diesel	Vehicle	January 21	2,330	-9.7%	2,330	-9.7%
Passenger, Gasoline	Vehicle	January 21	598,382	-2.8%	598,382	-2.8%
Passenger, Hybrid	Vehicle	January 21	15,785	-5.6%	15,785	-5.6%
Passenger, Misc Fuel	Vehicle	January 21	359	-35.5%	359	-35.5%
Freight, Electric	Vehicle	January 21	23	64.3%	23	64.3%
Freight, Diesel	Vehicle	January 21	11,075	-2.7%	11,075	-2.7%
Freight, Gasoline	Vehicle	January 21	33,915	-1.5%	33,915	-1.5%
Freight, Hybrid	Vehicle	January 21	63	-3.1%	63	-3.1%
Freight, Misc Fuel	Vehicle	January 21	64	-28.9%	64	-28.9%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 20	306,750	0.2%	306,433	0.2%
Residential	Consumers	September 20	273,256	0.3%	272,793	0.2%
Commercial	Consumers	September 20	33,047	-0.9%	33,192	-0.4%
Street Lights	Consumers	September 20	447	0.2%	448	1.0%
<b>Electric Meters</b>						
All Sectors	Meters	September 20	306,395	0.2%	306,071	0.2%
Residential	Meters	September 20	273,267	0.3%	272,799	0.2%
Commercial	Meters	September 20	33,009	-1.0%	33,151	-0.4%
Street Lights	Meters	September 20	119	-0.8%	120	1.3%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 20	530,576,368	-12.1%	4,559,044,055	-5.8%
Residential	KWH	September 20	158,080,673	0.1%	1,256,074,686	5.3%
Commercial	KWH	September 20	372,809,089	-15.9%	3,290,364,240	-9.2%
Street Lights	KWH	September 20	-313,394	-111.7%	12,605,129	-47.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	134,930,658	-16.1%	1,188,721,457	-10.9%
Residential	Dollars	September 20	44,656,454	-6.1%	367,803,710	-2.6%
Commercial	Dollars	September 20	90,339,524	-19.8%	817,288,045	-14.0%
Street Lights	Dollars	September 20	-65,320	-108.4%	3,629,702	-47.2%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	25.43	-4.6%	26.07	-5.4%
Residential	Cents/KWh	September 20	28.25	-6.2%	29.28	-7.5%
Commercial	Cents/KWh	September 20	24.23	-4.6%	24.84	-5.3%
Street Lights	Cents/KWh	September 20	20.84	-28.1%	28.80	0.9%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	553,345,160	-12.2%	4,773,057,381	-5.3%
Electricity Generated at the Electric Utility Stations	KWH	September 20	299,675,048	-14.1%	2,591,564,421	-6.0%
- Generated by Steam	KWH	September 20	286,642,634	-13.8%	2,461,725,309	-6.2%
- Generated by Diesel	KWH	September 20	6,196,509	-44.9%	76,966,516	-12.3%
- Generated by Biodiesel	KWH	September 20	3,157,949	-36.9%	23,406,537	-49.4%
- Generated by Solar	KWH	September 20	3,677,956	N/A	29,466,059	N/A
- Generated by Hydro and Wind	KWH	September 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 20	272,780,835	-10.4%	2,348,251,810	-4.2%
Electricity Used by Electric Utility Stations	KWH	September 20	19,110,723	-16.2%	166,758,850	-1.1%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	467,113	-12.1%	3,968,957	-5.4%
Total Cost of Oil Consumed	Dollars	September 20	25,997,584	-37.3%	244,811,790	-27.3%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	55.66	-28.7%	61.68	-23.1%
Month-end price per barrel	Dollars	September 20	58.26	-21.1%	58.88	-24.5%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.100	-23.1%	0.108	-20.5%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	18,444	-47.0%	227,017	-11.5%
Total Cost of Oil Consumed	Dollars	September 20	1,098,712	-65.4%	17,678,351	-24.4%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	59.57	-34.7%	77.87	-14.5%
Month-end price per barrel	Dollars	September 20	56.25	-36.2%	67.45	-25.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.190	-36.7%	0.232	-17.1%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	4,929	-36.1%	36,557	-50.1%
Total Cost of Oil Consumed	Dollars	September 20	819,978	-42.6%	5,892,357	-57.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	166.36	-10.2%	161.18	-14.8%
Month-end price per barrel	Dollars	September 20	160.43	-12.5%	154.23	-10.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.280	-3.4%	0.271	-12.5%
<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	January 21	0.11355	-16.7%	0.11355	-16.7%

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 Jan - 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	January 21	3.521	-8.3%	3.521	-8.3%
Gasoline - Mid Grade	\$ per Gallon	January 21	3.720	-7.5%	3.720	-7.5%
Gasoline - Premium	\$ per Gallon	January 21	3.890	-6.6%	3.890	-6.6%
Diesel	\$ per Gallon	January 21	4.036	-5.4%	4.036	-5.4%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	November 20	-	N/A	-	N/A
Distillate	1000 Barrels	November 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 20	-	N/A	-	N/A
Propane	1000 Barrels	November 20	23	27.8%	158	-22.5%
Fuel Ethanol	1000 Barrels	November 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 20	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	November 20	4,114,039	-24.3%	44,943,970	-27.5%
Diesel Oil (non-hwy)	Gallons	November 20	4,945,570	-5.8%	42,070,007	26.1%
Diesel Oil (hwy use)	Gallons	November 20	397,174	-19.9%	4,483,984	-20.0%
LPG (off hwy)	Gallons	November 20	54	N/A	62	-89.6%
LPG (hwy use)	Gallons	November 20	3,515	-53.0%	52,243	-46.1%
Small Boat (gas)	Gallons	November 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 20	-	N/A	-	N/A
Aviation Fuel	Gallons	November 20	3,457,521	-51.8%	29,561,579	-63.5%
Other Fuel	Gallons	November 20	21,641	-18.8%	243,347	-18.8%
Agricultural Refund	Gallons	November 20	-	-100.0%	100,924	545.6%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	January 21	1,611	17.0%	1,611	17.0%
Passenger, Diesel	Vehicle	January 21	1,341	-4.5%	1,341	-4.5%
Passenger, Gasoline	Vehicle	January 21	155,543	-5.3%	155,543	-5.3%
Passenger, Hybrid	Vehicle	January 21	3,276	-5.3%	3,276	-5.3%
Passenger, Misc Fuel	Vehicle	January 21	219	-22.9%	219	-22.9%
Freight, Electric	Vehicle	January 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	January 21	3,644	-1.2%	3,644	-1.2%
Freight, Gasoline	Vehicle	January 21	6,589	0.9%	6,589	0.9%
Freight, Hybrid	Vehicle	January 21	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	January 21	5	-16.7%	5	-16.7%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 20	68,015	1.0%	67,864	1.0%
Residential	Consumers	September 20	58,288	1.2%	58,081	1.1%
Commercial	Consumers	September 20	9,516	0.0%	9,570	1.0%
Street Lights	Consumers	September 20	211	0.0%	213	0.3%
<b>Electric Meters</b>						
All Sectors	Meters	September 20	67,793	1.0%	67,646	1.0%
Residential	Meters	September 20	58,284	1.2%	58,082	1.1%
Commercial	Meters	September 20	9,498	0.0%	9,552	1.0%
Street Lights	Meters	September 20	11	0.0%	11	-3.9%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 20	72,687,249	-23.3%	654,577,495	-16.7%
Residential	KWH	September 20	29,346,940	-13.0%	259,355,551	-5.9%
Commercial	KWH	September 20	42,994,703	-29.1%	391,613,408	-22.6%
Street Lights	KWH	September 20	345,606	-17.0%	3,608,536	-6.4%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	24,622,509	-18.0%	223,329,185	-13.0%
Residential	Dollars	September 20	10,096,761	-8.5%	89,456,892	-5.5%
Commercial	Dollars	September 20	14,416,118	-23.6%	132,736,278	-17.5%
Street Lights	Dollars	September 20	109,630	-13.0%	1,136,015	-6.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	33.87	6.9%	34.12	4.4%
Residential	Cents/KWh	September 20	34.40	5.1%	34.49	0.5%
Commercial	Cents/KWh	September 20	33.53	7.7%	33.89	6.7%
Street Lights	Cents/KWh	September 20	31.72	4.8%	31.48	0.0%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	76,868,834	-23.3%	687,682,487	-16.7%
Electricity Generated at the Electric Utility Stations	KWH	September 20	56,445,517	-27.2%	508,058,566	-23.5%
- Generated by Steam	KWH	September 20	8,583,556	-43.7%	99,210,570	-20.3%
- Generated by Diesel	KWH	September 20	47,861,961	-23.2%	408,847,996	-24.2%
- Generated by Hydro and Wind	KWH	September 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 20	23,335,907	-10.7%	205,754,082	8.2%
Electricity Used by Electric Utility Stations	KWH	September 20	2,912,590	-16.0%	26,130,161	-9.5%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	20,029	-41.3%	228,688	-17.6%
Total Cost of Oil Consumed	Dollars	September 20	935,367	-53.2%	12,344,671	-30.0%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	46.70	-20.3%	53.98	-15.0%
Month-end price per barrel	Dollars	September 20	47.13	-14.2%	51.44	-17.0%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.110	-15.4%	0.122	-13.4%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	75,696	-21.2%	638,957	-23.6%
Total Cost of Oil Consumed	Dollars	September 20	4,679,348	-47.6%	48,390,642	-38.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	61.82	-33.5%	75.73	-18.9%
Month-end price per barrel	Dollars	September 20	61.73	-32.1%	71.72	-20.0%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.100	-28.6%	0.118	-18.5%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	-	N/A	-	N/A
Month-end price per barrel	Dollars	September 20	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	-	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	January 21	0.14967	-10.7%	0.14967	-10.7%

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 - 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	September 20	1,744	-0.5%	1,745	-0.1%
Residential	Consumers	September 20	1,490	-0.3%	1,490	-0.1%
Commercial	Consumers	September 20	250	-1.2%	251	0.2%
Street Lights	Consumers	September 20	4	0.0%	4	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	September 20	1,747	-0.5%	1,748	-0.1%
Residential	Meters	September 20	1,490	-0.3%	1,490	-0.1%
Commercial	Meters	September 20	256	-1.2%	257	0.2%
Street Lights	Meters	September 20	1	0.0%	1	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 20	2,396,763	-18.0%	23,050,588	-3.8%
Residential	KWH	September 20	677,701	-2.4%	6,198,547	0.2%
Commercial	KWH	September 20	1,708,621	-23.0%	16,757,181	-5.2%
Street Lights	KWH	September 20	10,441	-0.4%	94,860	0.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	855,658	-31.5%	8,728,300	-13.0%
Residential	Dollars	September 20	236,933	-18.4%	2,298,459	-10.8%
Commercial	Dollars	September 20	615,101	-35.6%	6,394,984	-13.8%
Street Lights	Dollars	September 20	3,624	-16.3%	34,857	-9.6%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	35.70	-16.4%	37.87	-9.6%
Residential	Cents/KWh	September 20	34.96	-16.4%	37.08	-10.9%
Commercial	Cents/KWh	September 20	36.00	-16.3%	38.16	-9.1%
Street Lights	Cents/KWh	September 20	34.71	-16.0%	36.75	-10.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	2,568,060	-15.5%	24,306,940	-1.2%
Electricity Generated at the Electric Utility Stations	KWH	September 20	2,571,420	-14.4%	24,285,090	0.8%
- Generated by Steam	KWH	September 20	-	N/A	-	N/A
- Generated by Diesel	KWH	September 20	2,571,420	-14.4%	24,285,090	0.8%
- Generated by Hydro and Wind	KWH	September 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 20	65,704	-40.6%	720,277	-37.6%
Electricity Used by Electric Utility Stations	KWH	September 20	69,064	-10.2%	698,427	7.2%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	4,418	-15.7%	41,611	-2.5%
Total Cost of Oil Consumed	Dollars	September 20	382,859	-34.2%	4,039,233	-18.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	86.66	-21.9%	97.07	-16.8%
Month-end price per barrel	Dollars	September 20	87.23	-24.2%	94.69	-19.0%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.150	-21.1%	0.167	-18.9%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	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	January 21	0.19498	-23.1%	0.19498	-23.1%

Source:

NYMEX WTI Prices, New York Mercantile Exchange  
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration  
Foreign Imports, US Department of Energy, Energy Information Administration  
Gasoline and Diesel Prices, American Automobile Association  
Fuel Surcharges, Matson Navigation Company  
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)  
Registered Vehicles, City and County Honolulu  
Electric Utility Data, Hawaii Electric Company, Inc., 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 - 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	September 20	3,264	0.6%	3,252	0.1%
Residential	Consumers	September 20	2,715	0.4%	2,707	-0.1%
Commercial	Consumers	September 20	540	1.3%	536	1.1%
Street Lights	Consumers	September 20	9	0.0%	9	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	September 20	3,250	0.6%	3,238	0.1%
Residential	Meters	September 20	2,715	0.4%	2,707	-0.1%
Commercial	Meters	September 20	535	1.3%	531	1.1%
Street Lights	Meters	September 20	-	N/A	-	N/A
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 20	2,593,664	-5.0%	21,544,752	-1.9%
Residential	KWH	September 20	969,100	4.5%	8,311,762	6.5%
Commercial	KWH	September 20	1,578,375	-10.2%	12,815,314	-6.7%
Street Lights	KWH	September 20	46,189	0.0%	417,676	0.4%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	862,978	-15.7%	7,707,079	-11.9%
Residential	Dollars	September 20	338,676	-6.1%	3,054,641	-4.8%
Commercial	Dollars	September 20	509,232	-21.3%	4,507,810	-16.2%
Street Lights	Dollars	September 20	15,070	-7.9%	144,628	-8.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	33.27	-11.2%	35.77	-10.2%
Residential	Cents/KWh	September 20	34.95	-10.1%	36.75	-10.6%
Commercial	Cents/KWh	September 20	32.26	-12.3%	35.18	-10.2%
Street Lights	Cents/KWh	September 20	32.63	-7.9%	34.63	-8.8%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	2,833,437	-3.5%	23,628,994	-1.6%
Electricity Generated at the Electric Utility Stations	KWH	September 20	2,931,860	-3.6%	24,572,880	-1.6%
- Generated by Steam	KWH	September 20	-	N/A	-	N/A
- Generated by Diesel	KWH	September 20	2,931,860	-3.6%	24,572,880	-1.6%
- Generated by Hydro and Wind	KWH	September 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 20	469	-0.2%	4,066	-5.8%
Electricity Used by Electric Utility Stations	KWH	September 20	98,935	-6.3%	947,995	-3.7%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	5,103	-5.7%	41,637	-2.7%
Total Cost of Oil Consumed	Dollars	September 20	351,020	-31.6%	3,205,482	-24.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	68.79	-27.5%	76.99	-22.5%
Month-end price per barrel	Dollars	September 20	51.46	-44.3%	75.88	-22.4%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.120	-29.4%	0.132	-22.2%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0	N/A	N/A	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	January 21	0.14116	-23.8%	0.14116	-23.8%

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: Hawaii						
Month of Jan - 2021						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Hilo only)</b>						
Gasoline - Regular	\$ per Gallon	January 21	3,498	-7.1%	3,498	-7.1%
Gasoline - Mid Grade	\$ per Gallon	January 21	3,694	-6.5%	3,694	-6.5%
Gasoline - Premium	\$ per Gallon	January 21	3,973	-5.2%	3,973	-5.2%
Diesel	\$ per Gallon	January 21	4,123	-4.4%	4,123	-4.4%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	November 20	-	N/A	-	N/A
Distillate	1000 Barrels	November 20	-	N/A	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	November 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 20	-	N/A	-	N/A
Propane	1000 Barrels	November 20	16	23.1%	192	-19.7%
Fuel Ethanol	1000 Barrels	November 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 20	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	November 20	5,631,105	-17.1%	62,104,964	-19.3%
Diesel Oil (non-hwy)	Gallons	November 20	2,994,776	19.6%	31,658,082	65.0%
Diesel Oil (hwy use)	Gallons	November 20	887,310	-10.6%	9,981,471	-10.5%
LPG (off hwy)	Gallons	November 20	-	-100.0%	2,011	155.5%
LPG (hwy use)	Gallons	November 20	-	-100.0%	2,011	155.5%
Small Boat (gas)	Gallons	November 20	21,221	-26.9%	255,543	-17.3%
Small Boat (diesel)	Gallons	November 20	-	N/A	-	N/A
Aviation Fuel	Gallons	November 20	2,697,350	-22.0%	23,171,069	-45.8%
Other Fuel	Gallons	November 20	1,333,486	-11.3%	13,067,792	-48.0%
Agricultural Refund	Gallons	November 20	-	-100.0%	79,593	-72.8%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	January 21	919	28.4%	919	28.4%
Passenger, Diesel	Vehicle	January 21	2,773	-4.6%	2,773	-4.6%
Passenger, Gasoline	Vehicle	January 21	178,378	-2.3%	178,378	-2.3%
Passenger, Hybrid	Vehicle	January 21	2,924	-3.2%	2,924	-3.2%
Passenger, Misc Fuel	Vehicle	January 21	47	-73.0%	47	-73.0%
Freight, Electric	Vehicle	January 21	-	N/A	-	N/A
Freight, Diesel	Vehicle	January 21	6,930	0.3%	6,930	0.3%
Freight, Gasoline	Vehicle	January 21	6,985	-3.8%	6,985	-3.8%
Freight, Hybrid	Vehicle	January 21	4	33.3%	4	33.3%
Freight, Misc Fuel	Vehicle	January 21	4	-20.0%	4	-20.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 20	87,170	0.9%	86,929	0.9%
Residential	Consumers	September 20	75,756	1.0%	75,510	1.1%
Commercial	Consumers	September 20	11,249	-0.2%	11,254	-0.2%
Street Lights	Consumers	September 20	165	0.6%	165	0.6%
<b>Electric Meters</b>						
All Sectors	Meters	September 20	86,799	0.9%	86,570	0.9%
Residential	Meters	September 20	75,756	1.0%	75,510	1.0%
Commercial	Meters	September 20	11,005	-0.3%	11,022	-0.2%
Street Lights	Meters	September 20	38	0.0%	38	-3.9%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 20	80,236,228	-11.2%	720,342,812	-7.3%
Residential	KWH	September 20	33,380,506	-2.4%	300,267,777	-0.7%
Commercial	KWH	September 20	46,659,269	-16.5%	418,296,796	-11.6%
Street Lights	KWH	September 20	196,453	-3.6%	1,778,239	-4.0%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 20	27,092,566	-9.4%	246,104,345	-5.4%
Residential	Dollars	September 20	11,904,770	-2.3%	107,264,670	-3.3%
Commercial	Dollars	September 20	15,117,195	-14.4%	138,197,549	-7.0%
Street Lights	Dollars	September 20	70,601	-2.8%	642,126	-5.3%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 20	33.77	2.0%	34.16	2.1%
Residential	Cents/KWh	September 20	35.66	0.1%	35.72	-2.6%
Commercial	Cents/KWh	September 20	32.40	2.6%	33.04	5.2%
Street Lights	Cents/KWh	September 20	35.94	0.8%	36.11	-1.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 20	85,671,529	-11.5%	767,549,675	-7.6%
Electricity Generated at the Electric Utility Stations	KWH	September 20	54,148,236	19.3%	491,946,482	18.4%
- Generated by Steam	KWH	September 20	15,061,276	-11.0%	169,335,866	5.1%
- Generated by Diesel	KWH	September 20	38,948,360	38.5%	317,492,376	28.7%
- Generated by Hydro and Wind	KWH	September 20	138,600	-58.6%	5,118,240	-34.4%
Electricity Purchased from Independent Power Plant	KWH	September 20	33,918,604	-37.0%	297,800,801	-31.8%
Electricity Used by Electric Utility Stations	KWH	September 20	2,395,311	1.0%	22,197,608	1.8%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	32,440	-7.2%	346,274	4.8%
Total Cost of Oil Consumed	Dollars	September 20	1,549,323	-29.6%	18,832,552	-16.7%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	47.76	-24.1%	54.39	-20.5%
Month-end price per barrel	Dollars	September 20	48.95	-21.4%	54.81	-19.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.100	-23.1%	0.112	-21.1%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	64,765	30.6%	515,197	24.2%
Total Cost of Oil Consumed	Dollars	September 20	4,270,124	-8.4%	36,900,167	-6.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	65.93	-29.8%	71.62	-25.0%
Month-end price per barrel	Dollars	September 20	62.59	-31.4%	69.33	-26.1%
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.130	-35.0%	1.462	631.1%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 20	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 20	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	September 20	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 20	0.000	N/A	0.000	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	January 21	0.13543	-19.2%	0.13543	-19.2%

Source:

NYMEX WTI Prices, New York Mercantile Exchange  
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration  
Foreign Imports, US Department of Energy, Energy Information Administration  
Gasoline and Diesel Prices, American Automobile Association  
Fuel Surcharges, Matson Navigation Company  
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 - 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	January-21	3,652	-5.8%	3,652	-5.8%
Gasoline - Mid Grade	\$ per Gallon	January-21	3,862	-6.0%	3,862	-6.0%
Gasoline - Premium	\$ per Gallon	January-21	3,951	-6.3%	3,951	-6.3%
Diesel	\$ per Gallon	January-21	4,296	-0.4%	4,296	-0.4%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	November-20	-	N/A	-	N/A
Distillate	1000 Barrels	November-20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November-20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November-20	-	N/A	-	N/A
Propane	1000 Barrels	November-20	17	183.3%	120	-39.4%
Fuel Ethanol	1000 Barrels	November-20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November-20	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	November 20	1,940,790	-19.6%	21,245,680	-25.0%
Diesel Oil (non-hwy)	Gallons	November 20	365,330	-32.5%	2,648,722	-60.7%
Diesel Oil (hwy use)	Gallons	November 20	234,465	-6.0%	2,592,209	-14.1%
LPG (off hwy)	Gallons	November 20	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 20	15	-74.1%	487	-67.0%
Small Boat (gas)	Gallons	November 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 20	-	N/A	-	N/A
Aviation Fuel	Gallons	November 20	1,142,780	-56.1%	9,630,435	-65.6%
Other Fuel	Gallons	November 20	876,241	-21.1%	8,183,112	-29.8%
Agricultural Refund	Gallons	November 20	1,000	N/A	40,823	62.9%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	January-21	403	17.8%	403	17.8%
Passenger, Diesel	Vehicle	January-21	896	-8.4%	896	-8.4%
Passenger, Gasoline	Vehicle	January-21	74,157	-4.7%	74,157	-4.7%
Passenger, Hybrid	Vehicle	January-21	990	-8.3%	990	-8.3%
Passenger, Misc Fuel	Vehicle	January-21	13	-83.8%	13	-83.8%
Freight, Electric	Vehicle	January-21	1	N/A	1	N/A
Freight, Diesel	Vehicle	January-21	2,304	1.4%	2,304	1.4%
Freight, Gasoline	Vehicle	January-21	1,978	3.2%	1,978	3.2%
Freight, Hybrid	Vehicle	January-21	1	-50.0%	1	-50.0%
Freight, Misc Fuel	Vehicle	January-21	1	0.0%	1	0.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December-20	38,445	1.0%	38,257	0.9%
Residential	Consumers	December-20	29,686	1.2%	29,510	1.1%
Commercial	Consumers	December-20	4,993	0.6%	4,982	0.3%
Street Lights	Consumers	December-20	3,766	0.0%	3,765	0.2%
<b>Electric Meters</b>						
All Sectors	Meters	December-20	38,445	1.0%	38,257	0.9%
Residential	Meters	December-20	29,686	1.2%	29,510	1.1%
Commercial	Meters	December-20	4,993	0.6%	4,982	0.3%
Street Lights	Meters	December-20	3,766	0.0%	3,765	0.2%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December-20	34,272,512	-9.5%	415,290,693	-9.9%
Residential	KWH	December-20	15,374,984	-1.6%	177,182,391	-2.3%
Commercial	KWH	December-20	18,833,324	-15.1%	237,337,712	-14.8%
Street Lights	KWH	December-20	64,204	0.2%	770,590	-2.5%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December-20	11,344,696	-8.3%	135,958,086	-12.0%
Residential	Dollars	December-20	5,168,662	-3.3%	59,717,210	-5.5%
Commercial	Dollars	December-20	6,120,711	-12.1%	75,575,079	-16.6%
Street Lights	Dollars	December-20	55,323	-1.8%	665,797	-2.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWH	December-20	33.10	1.4%	32.74	-2.4%
Residential	Cents/KWH	December-20	33.62	-1.7%	33.70	-3.3%
Commercial	Cents/KWH	December-20	32.50	3.5%	31.84	-2.0%
Street Lights	Cents/KWH	December-20	86.17	-2.0%	86.40	0.1%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December-20	36,269,065	-10.9%	437,516,384	-9.5%
Electricity Generated at the Electric Utility Stations	KWH	December-20	16,909,457	-28.9%	184,977,630	-27.3%
- Generated by Steam	KWH	December-20	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	December-20	16,752,779	-28.6%	182,275,881	-27.3%
- Generated by Hydro and Wind	KWH	December-20	156,678	-49.7%	2,701,749	-27.6%
Electricity Purchased from Independent Power Plant	KWH	December-20	19,642,714	12.3%	255,353,458	8.5%
Electricity Used by Electric Utility Stations	KWH	December-20	283,106	-49.4%	2,814,704	-53.7%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December-20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December-20	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December-20	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	December-20	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	December-20	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December-20	29,548	-26.6%	321,061	-25.8%
Total Cost of Oil Consumed	Dollars	December-20	1,821,011	-44.6%	20,881,083	-37.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December-20	61.63	-24.5%	65.04	-16.2%
Month-end price per barrel	Dollars	December-20	73.96	-28.0%	72.89	-23.5%
Cost of Oil/KWH Generated	Dollar/KWH	December-20	0.109	-22.4%	0.113	-16.0%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	January-21	-0.01608	117.5%	-0.01608	117.5%

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  
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