



MONTHLY ENERGY TREND HIGHLIGHTS

DECEMBER 2020

Crude Oil Prices:

In December 2020, 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 \$47.07 per barrel in December 2020 which was down \$12.74 (21.3%) per barrel from the same month last year. Compared to November 2020, it was an increase of \$5.72 (13.8%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.6 million barrels of foreign crude oil in October 2020. This was a decrease of 0.9 million barrels (25.0%) from the same month last year. Compared to September 2020, it was an increase of 1.0 million barrels (57.5%).

Gasoline Prices:

In December 2020, the regular gasoline price in Hawaii averaged \$3.275 per gallon, which was \$1.069 per gallon (48.5%) higher than the national average for the same month.

Hawaii's regular gasoline price in December 2020 was a decrease of 38.6 cents per gallon (10.5%) from the same month last year, but an increase of 1.8 cents per gallon (0.5%) from November 2020.

The national average price for regular gasoline in December 2020 was \$2.206 per gallon, a decrease of 36.5 cents per gallon (14.2%) from the same month last year, but an increase of 8.6 cents per gallon (4.0%) from November 2020.

The average prices of regular gasoline within the State in December 2020 were as follows: Kauai, \$3.618; Wailuku, \$3.500; Hilo, \$3.49; and Oahu, \$3.102.

Diesel Fuel Prices:

The national average price for diesel in December 2020 was \$2.502 per gallon which was a decrease of 49.8 cents (16.6%) from the same month a year ago, but an increase of 11.4 cents (4.8%) from November 2020.

Hawaii's average price for diesel in December 2020 was \$4.060 per gallon which decreased 19.6 cents (4.6%) per gallon from the same month last year but increased 0.5 cents per gallon (0.1%) from November 2020. Hawaii's diesel price was \$1.558 per gallon (62.3%) higher than the national average.

In December 2020, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.268; Hilo, \$4.130; Oahu, \$4.038; and Wailuku, \$4.033.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in October 2020, as measured by the gasoline tax base, was 30.5 million gallons, which decreased 8.9 million gallons (22.6%) from the same month a year ago. Gasoline in October 2020 was mainly consumed in Honolulu (62.3%), followed by Hawaii County (18.4%), Maui County (13.2%), and Kauai County (6.2%).

Highway Diesel Fuel Consumption:

Hawaii's October 2020 consumption for highway use diesel was 4.1 million gallons, which increased 0.05 million gallons (1.3%) from the same month last year. Highway use diesel in October 2020 was mainly consumed in Honolulu (60.0%), followed by Hawaii County (24.0%), Maui County (10.3%), and Kauai County (5.7%).

Aviation Fuel Consumption:

In October 2020, data from the Department of Taxation showed statewide aviation fuel consumption was 7.7 million gallons, which decreased 13.40 million gallons (63.5%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (46.3%), Hawaii County (34.3%), Maui County (14.7%), and Kauai County (4.7%).

Registered Taxable Vehicles:

As of December 2020, there were 1,054,355 registered passenger vehicles in the state, a decrease of 28,356 vehicles (2.6%) from the same month last year and a decrease of 384 vehicles (0.04%) from November 2020. The number of passenger gasoline vehicles was 1,009,813, which was 95.8% of total passenger vehicles. It represents a decrease of 30,171 vehicles (2.9%) from the same period last year, and a decrease of 405 vehicles (0.04%) from November 2020.

In December 2020, the number of passenger electric vehicles in the state was 13,423, an increase of 3,989 vehicles (42.3%) from the same month last year, and an increase of 235 vehicles (1.8%) from November 2020. The number of passenger hybrid vehicles in the state in this month was 23,050, accounting for 2.2% of the total passenger vehicles. It represents a decrease of 5.2% from the same month last year and a decrease of 0.3% from November 2020.

In December 2020, there were 49,516 registered freight gasoline vehicles, a 1.1% decrease from the same period last year, and a 0.1% decrease from November 2020. The number of freight diesel vehicles in December 2020 was 24,006, a 1.1% decrease from the same period last year, but remained relatively unchanged from November 2020.

Monthly Energy Trend: State						
Month of Dec - 2020						
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	December 20	47.07	-21.3%	39.44	-30.8%
Europe Brent Spot Price	\$ per Barrel	December 20	49.99	-25.7%	41.76	-35.1%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	December 20	2.206	-14.2%	2.179	-16.5%
Gasoline -Mid Grade, National	\$ per Gallon	December 20	2.545	-12.4%	2.527	-13.9%
Gasoline -Premium, National	\$ per Gallon	December 20	2.813	-11.2%	2.793	-12.5%
Diesel, National	\$ per Gallon	December 20	2.502	-16.6%	2.543	-15.2%
Gasoline - Regular, State	\$ per Gallon	December 20	3.275	-10.5%	3.323	-6.7%
Gasoline -Mid Grade, State	\$ per Gallon	December 20	3.458	-10.0%	3.504	-5.9%
Gasoline -Premium, State	\$ per Gallon	December 20	3.678	-8.6%	3.708	-4.8%
Diesel, State	\$ per Gallon	December 20	4.060	-4.6%	4.076	-3.9%
Fuel Surcharges						
Matson Navigation Company	Percentage	December 20	30.00%	-14.3%	31.68%	-4.4%
Foreign Imports						
Crude Oil	1000 Barrels	October 20	2,611	-25.0%	16,856	-22.9%
Distillate	1000 Barrels	October 20	-	N/A	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	October 20	-	-100.0%	6,622	-25.8%
Residual Fuel Oil	1000 Barrels	October 20	-	N/A	-	N/A
Propane	1000 Barrels	October 20	29	-67.8%	544	-28.0%
Fuel Ethanol	1000 Barrels	October 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 20	147	-77.0%	2,297	-38.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	October 20	30,481,520	-22.6%	303,092,253	-22.1%
Diesel Oil (non-hwy)	Gallons	October 20	13,242,250	-0.4%	112,495,668	-6.6%
Diesel Oil (hwy use)	Gallons	October 20	4,092,418	1.3%	34,469,379	-13.9%
LPG (off hwy)	Gallons	October 20	-	-	-	-
LPG (hwy use)	Gallons	October 20	931	-45.8%	12,498	70.2%
Small Boat (gas)	Gallons	October 20	65,568	-50.7%	1,011,553	-10.4%
Small Boat (diesel)	Gallons	October 20	382,153	-6.9%	2,675,347	-5.1%
Aviation Fuel	Gallons	October 20	7,700,615	-63.5%	105,644,434	-52.8%
Other Fuel	Gallons	October 20	2,000,954	-48.6%	20,569,409	-42.3%
Agricultural Refund	Gallons	October 20	48,200	N/A	563,597	30.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 20	13,423	42.3%	12,290	33.2%
Passenger, Diesel	Vehicle	December 20	7,408	-6.2%	7,643	-5.2%
Passenger, Gasoline	Vehicle	December 20	1,009,813	-2.9%	1,026,083	-0.9%
Passenger, Hybrid	Vehicle	December 20	23,050	-5.2%	23,581	-5.5%
Passenger, Misc Fuel	Vehicle	December 20	661	-38.9%	1,036	-17.9%
Freight, Electric	Vehicle	December 20	22	57.1%	19	23.8%
Freight, Diesel	Vehicle	December 20	24,006	-1.1%	24,100	-0.5%
Freight, Gasoline	Vehicle	December 20	49,516	-1.1%	50,086	1.6%
Freight, Hybrid	Vehicle	December 20	69	-8.0%	69	-14.8%
Freight, Misc Fuel	Vehicle	December 20	87	-15.5%	94	-7.2%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
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%
Electric Meters						
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%
Electricity Sale (KWH sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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%
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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 Dec - 2020						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	December 20	3.102	-12.3%	3.156	-8.0%
Gasoline - Mid Grade	\$ per Gallon	December 20	3.356	-10.8%	3.407	-6.3%
Gasoline - Premium	\$ per Gallon	December 20	3.596	-9.2%	3.631	-4.9%
Diesel	\$ per Gallon	December 20	4.038	-4.2%	4.057	-3.4%
Foreign Imports						
Crude Oil	1000 Barrels	October 20	2,611	-25.0%	16,856	-22.9%
Distillate	1000 Barrels	October 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October 20	-	-100.0%	6,622	-25.8%
Residual Fuel Oil	1000 Barrels	October 20	-	N/A	-	N/A
Propane	1000 Barrels	October 20	8	N/A	130	-14.5%
Fuel Ethanol	1000 Barrels	October 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 20	147	-77.0%	2,297	-38.6%
Liquid Fuel Tax Base						
Gasoline	Gallons	October 20	18,984,121	-20.8%	186,483,573	-21.1%
Diesel Oil (non-hwy)	Gallons	October 20	4,416,692	-8.6%	44,424,533	-36.0%
Diesel Oil (hwy use)	Gallons	October 20	2,455,364	13.8%	18,930,664	-13.9%
LPG (off hwy)	Gallons	October 20	535	-56.3%	10,007	119.3%
LPG (hwy use)	Gallons	October 20	40,916	-56.0%	728,503	-4.1%
Small Boat (gas)	Gallons	October 20	382,153	-6.9%	2,675,347	-5.1%
Small Boat (diesel)	Gallons	October 20	3,562,374	-60.2%	50,579,002	-40.9%
Aviation Fuel	Gallons	October 20	129,585	1.1%	1,306,526	9.9%
Other Fuel	Gallons	October 20	26,270	N/A	343,256	226.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 20	10,539	44.7%	9,644	32.6%
Passenger, Diesel	Vehicle	December 20	2,346	-10.1%	2,463	-9.1%
Passenger, Gasoline	Vehicle	December 20	599,896	-2.5%	607,600	-1.2%
Passenger, Hybrid	Vehicle	December 20	15,842	-5.4%	16,134	-5.3%
Passenger, Misc Fuel	Vehicle	December 20	382	-29.3%	541	0.2%
Freight, Electric	Vehicle	December 20	22	57.1%	19	29.5%
Freight, Diesel	Vehicle	December 20	11,121	-2.5%	11,244	-1.6%
Freight, Gasoline	Vehicle	December 20	33,982	-1.2%	34,346	1.2%
Freight, Hybrid	Vehicle	December 20	61	-7.6%	62	-15.3%
Freight, Misc Fuel	Vehicle	December 20	76	-16.5%	83	-6.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
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%
Electric Meters						
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%
Electricity Sale (KWH Sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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%
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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%
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	December 20	0.10624	-14.4%	0.11686	-14.7%

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 Dec - 2020						
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	December 20	3.500	-8.7%	3.559	-5.6%
Gasoline - Mid Grade	\$ per Gallon	December 20	3.697	-7.8%	3.767	-4.9%
Gasoline - Premium	\$ per Gallon	December 20	3.880	-6.3%	3.900	-4.5%
Diesel	\$ per Gallon	December 20	4.033	-5.3%	4.033	-6.0%
Foreign Imports						
Crude Oil	1000 Barrels	October 20	-	N/A	-	N/A
Distillate	1000 Barrels	October 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October 20	-	N/A	-	N/A
Propane	1000 Barrels	October 20	8	-63.6%	135	-27.4%
Fuel Ethanol	1000 Barrels	October 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 20	4,014,618	-30.2%	40,829,931	-27.8%
Diesel Oil (non-hwy)	Gallons	October 20	5,525,062	5.7%	37,124,437	32.1%
Diesel Oil (hwy use)	Gallons	October 20	422,010	-22.3%	4,086,810	-20.0%
LPG (off hwy)	Gallons	October 20	-	-100.0%	8	-98.7%
LPG (hwy use)	Gallons	October 20	-	-100.0%	8	-98.7%
Small Boat (gas)	Gallons	October 20	3,705	-60.8%	48,728	-45.5%
Small Boat (diesel)	Gallons	October 20	-	N/A	-	N/A
Aviation Fuel	Gallons	October 20	1,130,660	-83.1%	26,104,058	-64.6%
Other Fuel	Gallons	October 20	22,256	-19.7%	221,706	-18.8%
Agricultural Refund	Gallons	October 20	12,135	N/A	100,924	903.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 20	1,588	28.3%	1,472	31.2%
Passenger, Diesel	Vehicle	December 20	1,351	-3.8%	1,378	-3.4%
Passenger, Gasoline	Vehicle	December 20	156,362	-4.6%	160,651	-0.9%
Passenger, Hybrid	Vehicle	December 20	3,282	-5.2%	3,424	-6.1%
Passenger, Misc Fuel	Vehicle	December 20	219	-23.2%	273	-4.6%
Freight, Electric	Vehicle	December 20	-	N/A	-	-100.0%
Freight, Diesel	Vehicle	December 20	3,659	-1.2%	3,662	-0.8%
Freight, Gasoline	Vehicle	December 20	6,587	1.1%	6,610	4.9%
Freight, Hybrid	Vehicle	December 20	3	-25.0%	3	-25.0%
Freight, Misc Fuel	Vehicle	December 20	6	0.0%	6	-12.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
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%
Electric Meters						
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%
Electricity Sale (KWH Sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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%
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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
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	December 20	0.14923	-7.8%	0.15435	245.6%

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 Dec - 2020

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 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%
Electric Meters						
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%
Electricity Sale (KWH Sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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
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	December 20	0.17874	-32.4%	0.19425	207.3%

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., 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 Dec - 2020						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 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%
Electric Meters						
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
Electricity Sale (KWH Sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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
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	December 20	0.13337	-27.4%	0.15627	193.8%

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 Dec - 2020						
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	December 20	3.490	-7.3%	3.532	-3.4%
Gasoline - Mid Grade	\$ per Gallon	December 20	3.685	-6.7%	3.724	-2.8%
Gasoline - Premium	\$ per Gallon	December 20	3.948	-5.5%	3.993	-1.0%
Diesel	\$ per Gallon	December 20	4.130	-4.6%	4.138	-4.1%
Foreign Imports						
Crude Oil	1000 Barrels	October 20	-	N/A	-	N/A
Distillate	1000 Barrels	October 20	-	N/A	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	October 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October 20	-	N/A	-	N/A
Propane	1000 Barrels	October 20	13	-60.6%	176	-22.1%
Fuel Ethanol	1000 Barrels	October 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 20	5,597,037	-20.6%	56,473,859	-19.5%
Diesel Oil (non-hwy)	Gallons	October 20	3,094,380	27.0%	28,663,306	71.8%
Diesel Oil (hwy use)	Gallons	October 20	980,356	-7.3%	9,094,161	-10.4%
LPG (off hwy)	Gallons	October 20	396	0.8%	2,011	162.9%
LPG (hwy use)	Gallons	October 20	20,947	-31.4%	234,322	-16.3%
Small Boat (gas)	Gallons	October 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	October 20	-	N/A	-	N/A
Aviation Fuel	Gallons	October 20	2,641,888	-14.1%	20,473,719	-47.9%
Other Fuel	Gallons	October 20	1,742,589	-32.9%	11,734,306	-50.3%
Agricultural Refund	Gallons	October 20	8,625	N/A	79,593	-72.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December 20	900	49.0%	809	53.8%
Passenger, Diesel	Vehicle	December 20	2,795	-3.9%	2,848	-2.4%
Passenger, Gasoline	Vehicle	December 20	179,024	-2.0%	181,146	0.3%
Passenger, Hybrid	Vehicle	December 20	2,922	-3.6%	2,979	-6.3%
Passenger, Misc Fuel	Vehicle	December 20	47	-73.0%	153	-56.6%
Freight, Electric	Vehicle	December 20	-	N/A	-	N/A
Freight, Diesel	Vehicle	December 20	6,932	0.3%	6,905	0.8%
Freight, Gasoline	Vehicle	December 20	6,979	-3.4%	7,183	0.1%
Freight, Hybrid	Vehicle	December 20	4	33.3%	3	33.3%
Freight, Misc Fuel	Vehicle	December 20	4	-20.0%	4	-16.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
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%
Electric Meters						
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%
Electricity Sale (KWH Sold)						
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%
Net Revenue of Utility Companies						
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%
Electricity Retail Prices (Net Revenue per KWH Sold)						
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%
Electricity Production						
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%
Fuel Oil Used by Utility Companies						
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%
Diesel Oil Used by Utility Companies						
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%
Biodiesel Oil Used by Utility Companies						
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
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	December 20	0.13032	-20.0%	0.14185	-6.2%

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 Dec - 2020

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	December-20	3,618	-6.6%	3,641	-3.2%
Gasoline - Mid Grade	\$ per Gallon	December-20	3,851	-6.0%	3,896	-1.9%
Gasoline - Premium	\$ per Gallon	December-20	3,912	-7.2%	3,949	-3.1%
Diesel	\$ per Gallon	December-20	4,268	-1.7%	4,252	-1.7%
Foreign Imports						
Crude Oil	1000 Barrels	October-20	-	N/A	-	N/A
Distillate	1000 Barrels	October-20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	October-20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	October-20	-	N/A	-	N/A
Propane	1000 Barrels	October-20	-	-100.0%	103	-46.4%
Fuel Ethanol	1000 Barrels	October-20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	October-20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	October 20	1,885,744	-27.4%	19,304,890	-25.5%
Diesel Oil (non-hwy)	Gallons	October 20	206,116	-74.1%	2,283,392	-63.2%
Diesel Oil (hwy use)	Gallons	October 20	234,688	-16.6%	2,357,744	-14.9%
LPG (off hwy)	Gallons	October 20	-	-100.0%	472	-66.7%
LPG (hwy use)	Gallons	October 20	-	N/A	-	N/A
Small Boat (gas)	Gallons	October 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	October 20	-	N/A	-	N/A
Aviation Fuel	Gallons	October 20	365,693	-84.8%	8,487,655	-66.5%
Other Fuel	Gallons	October 20	106,524	-90.6%	7,306,871	-30.7%
Agricultural Refund	Gallons	October 20	1,170	N/A	39,823	58.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	December-20	396	28.2%	365	20.2%
Passenger, Diesel	Vehicle	December-20	916	-6.1%	954	-5.1%
Passenger, Gasoline	Vehicle	December-20	74,531	-4.4%	76,685	-1.2%
Passenger, Hybrid	Vehicle	December-20	1,004	-6.8%	1,044	-5.5%
Passenger, Misc Fuel	Vehicle	December-20	13	-84.1%	69	-17.8%
Freight, Electric	Vehicle	December-20	-	N/A	-	N/A
Freight, Diesel	Vehicle	December-20	2,294	1.3%	2,289	1.8%
Freight, Gasoline	Vehicle	December-20	1,968	2.7%	1,947	2.9%
Freight, Hybrid	Vehicle	December-20	1	-50.0%	2	0.0%
Freight, Misc Fuel	Vehicle	December-20	1	0.0%	1	9.1%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	November-20	38,416	1.0%	38,240	0.9%
Residential	Consumers	November-20	29,681	1.3%	29,494	1.1%
Commercial	Consumers	November-20	4,969	-0.2%	4,981	0.3%
Street Lights	Consumers	November-20	3,766	0.1%	3,765	0.3%
Electric Meters						
All Sectors	Meters	November-20	38,416	1.0%	38,240	0.9%
Residential	Meters	November-20	29,681	1.3%	29,494	1.1%
Commercial	Meters	November-20	4,969	-0.2%	4,981	0.3%
Street Lights	Meters	November-20	3,766	0.1%	3,765	0.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	November-20	34,915,121	-9.8%	381,018,181	-9.9%
Residential	KWH	November-20	15,419,712	2.4%	161,807,407	-2.3%
Commercial	KWH	November-20	19,431,205	-17.6%	218,504,388	-14.8%
Street Lights	KWH	November-20	64,204	0.1%	706,386	-2.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	November-20	11,624,194	-10.4%	124,613,390	-12.3%
Residential	Dollars	November-20	5,240,372	-0.2%	54,548,548	-5.7%
Commercial	Dollars	November-20	6,328,225	-17.5%	69,454,368	-16.9%
Street Lights	Dollars	November-20	55,597	-1.1%	610,474	-2.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWH	November-20	33.29	-0.7%	32.71	-2.7%
Residential	Cents/KWH	November-20	33.98	-2.6%	33.71	-3.5%
Commercial	Cents/KWH	November-20	32.57	0.2%	31.79	-2.5%
Street Lights	Cents/KWH	November-20	86.59	-1.2%	86.42	0.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	November-20	37,254,219	-5.8%	401,247,319	-9.4%
Electricity Generated at the Electric Utility Stations	KWH	November-20	17,768,652	-20.5%	168,068,173	-27.1%
- Generated by Steam	KWH	November-20	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	November-20	17,661,021	-20.1%	165,523,102	-27.1%
- Generated by Hydro and Wind	KWH	November-20	107,631	-57.4%	2,545,071	-25.5%
Electricity Purchased from Independent Power Plant	KWH	November-20	19,844,508	11.8%	235,710,744	8.2%
Electricity Used by Electric Utility Stations	KWH	November-20	358,941	-37.3%	2,531,598	-54.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	November-20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	November-20	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	November-20	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	November-20	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	November-20	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	November-20	30,933	-18.5%	291,513	-25.7%
Total Cost of Oil Consumed	Dollars	November-20	1,988,860	-32.6%	19,060,072	-37.1%
Ave Cost/Bbl of Oil Consumed	Dollars	November-20	64.30	-17.3%	65.38	-15.3%
Month-end price per barrel	Dollars	November-20	67.04	-31.6%	72.80	-23.0%
Cost of Oil/KWH Generated	Dollar/KWH	November-20	0.113	-15.6%	0.113	-15.4%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	December-20	-0.01608	21.9%	-0.03095	55.6%

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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