



# MONTHLY ENERGY TREND HIGHLIGHTS

## November 2024 Highlights

By David Shuai, Research and Economic Analysis Division, DBEDT  
Issued on December 9, 2024

---

### Crude Oil Prices:

In November 2024, the crude oil price decreased from the same month last year and decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$69.45 per barrel in November 2024 which was down \$7.89 (10.2%) per barrel from the same month last year. Compared to October 2024, it was a decrease of \$2.00 (2.8%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.5 million barrels of foreign crude oil in September 2024. This was a decrease of 0.4 million barrels (21.1%) from the same month last year. Compared to August 2024, it was a decrease of 0.5 million barrels (26.3%).

### Gasoline Prices:

In November 2024, the regular gasoline price in Hawaii averaged \$4.575 per gallon, which was \$1.497 per gallon (48.6%) higher than the national average for the same month.

Hawaii's regular gasoline price in November 2024 was a decrease of 16.3 cents per gallon (3.4%) from the same month last year, and a decrease of 1.7 cents per gallon (0.4%) from October 2024.

The national average price for regular gasoline in November 2024 was \$3.078 per gallon, a decrease of 26.9 cents per gallon (8.0%) from the same month last year, and a decrease of 9.4 cents per gallon (3.0%) from October 2024.

The average prices of regular gasoline within the State in November 2024 were as follows: Kauai, \$5.201; Hilo, \$4.756; Wailuku, \$4.611; and Oahu, \$4.459.

### Diesel Fuel Prices:

The national average price for diesel in November 2024 was \$3.550 per gallon which was a decrease of 78.3 cents (18.1%) from the same month a year ago, and a decrease of 3.8 cents (1.1%) from October 2024.

Hawaii's average price for diesel in November 2024 was \$5.317 per gallon which decreased 39.8 cents (7.0%) per gallon from the same month last year and decreased 5.6 cents per gallon (1.0%) from October 2024. Hawaii's diesel price was \$1.767 per gallon (49.8%) higher than the national average.

In November 2024, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$5.738; Wailuku, \$5.445; Oahu, \$5.251; and Hilo, \$5.217.

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in September 2024, as measured by the gasoline tax base, was 34.6 million gallons, which decreased 0.1 million gallons (0.3%) from the same month a year ago. Gasoline in September 2024 was mainly consumed in Honolulu (61.1%), followed by Hawaii County (18.0%), Maui County (14.1%), and Kauai County (6.8%).

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

Hawaii's September 2024 consumption for highway use diesel was 3.6 million gallons, which decreased 0.1 million gallons (2.0%) from the same month last year. Highway use diesel in September 2024 was mainly consumed in Honolulu (51.9%), followed by Hawaii County (27.1%), Maui County (13.0%), and Kauai County (8.0%).

### **Aviation Fuel Consumption:**

In September 2024, data from the Department of Taxation showed statewide aviation fuel consumption was 17.6 million gallons, which decreased 3.1 million gallons (14.8%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (63.6%), Maui County (22.8%), Hawaii County (13.5%), and Kauai County (0.1%).

### **Registered Taxable Vehicles:**

As of November 2024, there were 1,079,221 registered passenger vehicles in the state, a decrease of 390 vehicles (0.04%) from the same month last year and a decrease of 1,402 vehicles (0.1%) from October 2024. The number of passenger gasoline vehicles was 1,005,586, which was 93.2% of total passenger vehicles. It represents a decrease of 10,248 vehicles (1.0%) from the same period last year, and a decrease of 1,951 vehicles (0.2%) from October 2024.

In November 2024, the number of passenger electric vehicles in the state was 34,867, an increase of 6,161 vehicles (21.5%) from the same month last year, and an increase of 233 vehicles (0.7%) from October 2024. The number of passenger hybrid vehicles in the state in this month was 31,067, accounting for 2.9% of the total passenger vehicles. It represents an increase of 13.2% from the same month last year and an increase of 1.0% from October 2024.

In November 2024, there were 52,276 registered freight gasoline vehicles, a 0.9% increase from the same period last year, but a 0.04% decrease from October 2024. The number of freight diesel vehicles in November 2024 was 24,539, a 2.2% increase from the same period last year, and a 0.1% increase from October 2024.

Monthly Energy Trend: State						
Month of Nov - 2024						
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	November 24	69.45	-10.2%	76.44	-2.1%
Europe Brent Spot Price	\$ per Barrel	November 24	74.35	-10.4%	81.13	-2.1%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	November 24	3.078	-8.0%	3.356	-5.8%
Gasoline -Mid Grade, National	\$ per Gallon	November 24	3.556	-6.7%	3.816	-4.5%
Gasoline -Premium, National	\$ per Gallon	November 24	3.909	-5.8%	4.161	-3.8%
Diesel, National	\$ per Gallon	November 24	3.550	-18.1%	3.830	-10.6%
Gasoline - Regular, State	\$ per Gallon	November 24	4.575	-3.4%	4.682	-2.5%
Gasoline -Mid Grade, State	\$ per Gallon	November 24	4.800	-3.2%	4.898	-2.4%
Gasoline -Premium, State	\$ per Gallon	November 24	5.059	-2.8%	5.149	-2.3%
Diesel, State	\$ per Gallon	November 24	5.317	-7.0%	5.492	-5.8%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	November 24	45.70%	11.5%	43.53%	2.9%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	September 24	1,533	-21.1%	20,962	13.1%
Distillate	1000 Barrels	September 24	105	1212.5%	455	82.0%
Jet Fuel, Kerosene	1000 Barrels	September 24	909	175.5%	10,741	9.4%
Residual Fuel Oil	1000 Barrels	September 24	-	N/A	-	N/A
Propane	1000 Barrels	September 24	63	34.0%	691	5.0%
Fuel Ethanol	1000 Barrels	September 24	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	September 24	352	-35.6%	3,707	1.2%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	September 24	34,566,107	-0.3%	317,085,284	-1.4%
Diesel Oil (non-hwy)	Gallons	September 24	15,498,187	17.5%	128,995,335	9.5%
Diesel Oil (hwy use)	Gallons	September 24	3,556,460	-2.0%	32,957,065	-2.0%
LPG (off hwy)	Gallons	September 24	-	-	-	-
LPG (hwy use)	Gallons	September 24	148	-28.2%	(9,410)	-514.9%
Small Boat (gas)	Gallons	September 24	103,924	7.0%	958,271	3.9%
Small Boat (diesel)	Gallons	September 24	150,413	-51.5%	(3,175,022)	-245.1%
Aviation Fuel	Gallons	September 24	17,588,464	-14.8%	177,624,294	-20.5%
Other Fuel	Gallons	September 24	145,244	-94.2%	7,003,826	-68.7%
Agricultural Refund	Gallons	September 24	11,664	-89.0%	150,773	-76.7%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	November 24	34,867	21.5%	32,522	25.7%
Passenger, Diesel	Vehicle	November 24	7,265	-0.9%	7,284	-0.9%
Passenger, Gasoline	Vehicle	November 24	1,005,586	-1.0%	1,011,535	-0.2%
Passenger, Hybrid	Vehicle	November 24	31,067	13.2%	29,675	11.7%
Passenger, Misc Fuel	Vehicle	November 24	436	49.8%	331	2.7%
Freight, Electric	Vehicle	November 24	717	225.9%	459	230.1%
Freight, Diesel	Vehicle	November 24	24,539	2.2%	24,325	1.6%
Freight, Gasoline	Vehicle	November 24	52,276	0.9%	52,131	1.6%
Freight, Hybrid	Vehicle	November 24	293	54.2%	250	51.5%
Freight, Misc Fuel	Vehicle	November 24	23	-14.8%	24	-19.9%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 24	510,941	0.1%	510,572	-0.1%
Residential	Consumers	September 24	446,722	0.2%	446,296	0.1%
Commercial	Consumers	September 24	59,644	-0.6%	59,703	-0.8%
Street Lights	Consumers	September 24	4,575	-0.1%	4,573	-0.5%
<b>Electric Meters</b>						
All sectors	Meters	September 24	509,841	0.1%	509,544	-0.1%
Residential	Meters	September 24	446,753	0.2%	446,371	0.0%
Commercial	Meters	September 24	59,100	-0.8%	59,191	-0.9%
Street Lights	Meters	September 24	3,988	0.2%	3,981	0.1%
<b>Electricity Sale (KWH sold)</b>						
All Sectors	KWH	September 24	782,912,570	4.1%	6,419,588,671	-0.2%
Residential	KWH	September 24	232,663,965	8.6%	1,831,394,157	-1.5%
Commercial	KWH	September 24	548,171,278	2.3%	4,569,426,016	0.3%
Street Lights	KWH	September 24	2,077,327	5.9%	18,768,498	-0.5%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	287,998,337	3.4%	2,514,277,218	0.3%
Residential	Dollars	September 24	97,314,795	7.3%	817,277,912	1.2%
Commercial	Dollars	September 24	189,804,726	1.5%	1,688,821,699	-0.1%
Street Lights	Dollars	September 24	878,816	9.4%	8,177,608	2.8%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	36.79	-0.6%	39.17	0.5%
Residential	Cents/KWh	September 24	41.83	-1.3%	44.63	2.7%
Commercial	Cents/KWh	September 24	34.63	-0.7%	36.96	-0.4%
Street Lights	Cents/KWh	September 24	42.31	3.3%	43.57	3.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	816,684,928	4.3%	6,867,889,345	2.0%
Electricity Generated at the Electric Utility Stations	KWH	September 24	512,948,403	3.2%	4,300,153,435	-2.0%
- Generated by Steam	KWH	September 24	376,344,636	0.9%	3,126,001,847	-3.8%
- Generated by Diesel	KWH	September 24	131,974,969	11.1%	1,125,813,628	3.4%
- Generated by Biodiesel	KWH	September 24	854,985	-5.9%	16,550,381	43.2%
- Generated by Solar	KWH	September 24	3,082,522	-17.5%	27,813,805	-12.1%
- Generated by Hydro and Wind	KWH	September 24	691,291	21.7%	3,973,774	-40.9%
Electricity Purchased from Independent Power Plant	KWH	September 24	332,025,250	5.5%	2,821,649,898	8.3%
Electricity Used by Electric Utility Stations	KWH	September 24	28,288,725	-2.7%	243,913,988	-5.8%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	625,170	1.1%	5,227,069	-3.4%
Total Cost of Oil Consumed	Dollars	September 24	70,988,652	2.6%	607,561,565	-8.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	113.55	1.6%	116.23	-4.9%
Month-end price per barrel	Dollars	September 24	104.37	-2.4%	108.78	3.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.202	0.6%	0.209	-4.2%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	231,739	4.1%	1,992,159	2.9%
Total Cost of Oil Consumed	Dollars	September 24	27,821,606	9.7%	247,291,910	0.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	120.06	5.4%	124.13	-2.1%
Month-end price per barrel	Dollars	September 24	120.12	-7.9%	128.83	-17.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.219	2.3%	0.229	-3.5%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	1,391	-2.7%	27,200	50.4%
Total Cost of Oil Consumed	Dollars	September 24	238,616	2.8%	4,270,928	31.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	171.54	5.7%	157.02	-12.4%
Month-end price per barrel	Dollars	September 24	157.48	6.9%	145.54	-8.6%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.350	12.9%	0.332	1.7%

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: Oahu						
Month of Nov - 2024						
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	November 24	4.459	-3.1%	4.553	-3.1%
Gasoline - Mid Grade	\$ per Gallon	November 24	4.731	-2.4%	4.810	-2.7%
Gasoline - Premium	\$ per Gallon	November 24	4.989	-2.5%	5.075	-2.7%
Diesel	\$ per Gallon	November 24	5.251	-6.8%	5.406	-5.8%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	September 24	1,533	-21.1%	20,962	13.1%
Distillate	1000 Barrels	September 24	105	1212.5%	455	82.0%
Jet Fuel, Kerosene	1000 Barrels	September 24	909	175.5%	10,741	9.4%
Residual Fuel Oil	1000 Barrels	September 24	-	N/A	-	N/A
Propane	1000 Barrels	September 24	-	-100.0%	71	57.8%
Fuel Ethanol	1000 Barrels	September 24	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	September 24	352	-35.6%	3,707	1.2%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	September 24	21,132,754	0.6%	188,772,406	-0.9%
Diesel Oil (non-hwy)	Gallons	September 24	6,405,678	8.1%	54,185,367	10.0%
Diesel Oil (hwy use)	Gallons	September 24	1,844,990	-2.9%	17,315,925	-1.7%
LPG (off hwy)	Gallons	September 24	129	-29.5%	(9,738)	-618.2%
LPG (hwy use)	Gallons	September 24	70,359	8.5%	659,920	4.9%
Small Boat (gas)	Gallons	September 24	150,413	-51.5%	(3,175,022)	-245.1%
Small Boat (diesel)	Gallons	September 24	11,194,315	2.2%	99,483,530	0.9%
Aviation Fuel	Gallons	September 24	108,265	-5.4%	885,757	-12.0%
Other Fuel	Gallons	September 24	11,664	-85.6%	67,660	-87.4%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	November 24	26,603	21.7%	24,739	24.6%
Passenger, Diesel	Vehicle	November 24	2,271	-1.3%	2,283	-0.8%
Passenger, Gasoline	Vehicle	November 24	589,548	-0.7%	590,791	-0.6%
Passenger, Hybrid	Vehicle	November 24	21,797	13.3%	20,820	12.3%
Passenger, Misc Fuel	Vehicle	November 24	331	59.1%	245	12.0%
Freight, Electric	Vehicle	November 24	545	244.9%	331	230.5%
Freight, Diesel	Vehicle	November 24	10,774	1.2%	10,728	0.9%
Freight, Gasoline	Vehicle	November 24	35,134	1.0%	35,000	1.0%
Freight, Hybrid	Vehicle	November 24	231	46.2%	203	44.3%
Freight, Misc Fuel	Vehicle	November 24	18	-18.2%	19	-20.1%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 24	310,105	0.2%	309,701	0.2%
Residential	Consumers	September 24	276,393	0.2%	276,088	0.2%
Commercial	Consumers	September 24	33,315	0.2%	33,216	0.0%
Street Lights	Consumers	September 24	397	-1.2%	397	-5.0%
<b>Electric Meters</b>						
All Sectors	Meters	September 24	309,625	0.2%	309,223	0.2%
Residential	Meters	September 24	276,421	0.2%	276,107	0.2%
Commercial	Meters	September 24	33,081	0.2%	32,995	0.0%
Street Lights	Meters	September 24	123	0.8%	121	0.5%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 24	558,888,595	3.1%	4,525,850,594	-0.2%
Residential	KWH	September 24	145,788,680	8.8%	1,099,984,933	-1.7%
Commercial	KWH	September 24	411,692,293	1.2%	3,413,273,990	0.3%
Street Lights	KWH	September 24	1,407,622	6.8%	12,591,671	0.5%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	193,804,962	1.5%	1,696,212,246	-1.1%
Residential	Dollars	September 24	58,897,209	6.0%	483,900,029	-0.4%
Commercial	Dollars	September 24	134,353,214	-0.4%	1,207,149,922	-1.4%
Street Lights	Dollars	September 24	554,539	10.2%	5,162,295	2.3%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	34.68	-1.5%	37.48	-1.0%
Residential	Cents/KWh	September 24	40.40	-2.6%	43.99	1.3%
Commercial	Cents/KWh	September 24	32.63	-1.5%	35.37	-1.7%
Street Lights	Cents/KWh	September 24	39.40	3.1%	41.00	1.8%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	585,370,529	4.7%	4,878,352,445	3.1%
Electricity Generated at the Electric Utility Stations	KWH	September 24	368,603,219	0.4%	3,081,415,386	-3.3%
- Generated by Steam	KWH	September 24	351,418,434	0.1%	2,888,358,395	-4.3%
- Generated by Diesel	KWH	September 24	13,247,278	16.2%	148,692,805	18.1%
- Generated by Biodiesel	KWH	September 24	854,985	-5.9%	16,550,381	43.2%
- Generated by Solar	KWH	September 24	3,082,522	-17.5%	27,813,805	-12.1%
- Generated by Hydro and Wind	KWH	September 24	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 24	239,270,694	10.8%	1,991,471,920	13.5%
Electricity Used by Electric Utility Stations	KWH	September 24	22,503,384	-5.6%	194,534,861	-7.3%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	571,258	-0.4%	4,715,879	-4.0%
Total Cost of Oil Consumed	Dollars	September 24	65,310,859	0.7%	555,451,730	-9.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	114.33	1.1%	117.78	-5.9%
Month-end price per barrel	Dollars	September 24	108.24	-14.9%	115.78	-5.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.200	0.0%	0.208	-5.1%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	34,623	5.2%	369,235	5.6%
Total Cost of Oil Consumed	Dollars	September 24	4,054,331	9.8%	44,948,237	-2.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	117.10	4.4%	121.73	-7.3%
Month-end price per barrel	Dollars	September 24	110.22	-7.2%	118.23	-52.4%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.320	-8.6%	0.324	-17.7%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	1,391	-2.7%	27,200	50.4%
Total Cost of Oil Consumed	Dollars	September 24	238,616	2.8%	4,270,928	31.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	171.54	5.7%	157.02	-12.4%
Month-end price per barrel	Dollars	September 24	157.48	6.9%	145.54	-8.6%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.350	12.9%	0.332	1.7%
<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	November 24	0.18991	-21.3%	0.21437	-8.3%

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: Maui						
Month of Nov - 2024						
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	November 24	4.611	-3.8%	4.742	-2.3%
Gasoline - Mid Grade	\$ per Gallon	November 24	4.750	-6.3%	4.940	-2.9%
Gasoline - Premium	\$ per Gallon	November 24	5.044	-3.3%	5.127	-2.4%
Diesel	\$ per Gallon	November 24	5.445	-4.5%	5.564	-5.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	September 24	-	N/A	-	N/A
Distillate	1000 Barrels	September 24	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	September 24	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	September 24	-	N/A	-	N/A
Propane	1000 Barrels	September 24	25	400.0%	238	5.8%
Fuel Ethanol	1000 Barrels	September 24	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	September 24	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	September 24	4,858,258	9.5%	45,413,996	-2.6%
Diesel Oil (non-hwy)	Gallons	September 24	3,980,264	-1.5%	36,018,391	-13.0%
Diesel Oil (hwy use)	Gallons	September 24	462,870	0.9%	4,644,096	0.7%
LPG (off hwy)	Gallons	September 24	-	N/A	76	22.6%
LPG (hwy use)	Gallons	September 24	-	N/A	38,373	6.7%
Small Boat (gas)	Gallons	September 24	4,806	22.5%	-	N/A
Small Boat (diesel)	Gallons	September 24	-	N/A	-	N/A
Aviation Fuel	Gallons	September 24	4,011,625	-8.1%	45,187,844	-33.9%
Other Fuel	Gallons	September 24	18,033	-18.6%	111,741	-14.1%
Agricultural Refund	Gallons	September 24	-	-100.0%	31,736	-29.6%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	November 24	4,170	16.2%	3,995	27.0%
Passenger, Diesel	Vehicle	November 24	1,359	1.3%	1,346	-0.8%
Passenger, Gasoline	Vehicle	November 24	152,930	-3.1%	155,472	-2.0%
Passenger, Hybrid	Vehicle	November 24	4,776	25.2%	4,411	19.2%
Passenger, Misc Fuel	Vehicle	November 24	45	7.1%	42	-26.1%
Freight, Electric	Vehicle	November 24	85	193.1%	62	223.7%
Freight, Diesel	Vehicle	November 24	3,994	4.1%	3,929	3.7%
Freight, Gasoline	Vehicle	November 24	7,542	1.5%	7,531	4.1%
Freight, Hybrid	Vehicle	November 24	44	109.5%	33	132.5%
Freight, Misc Fuel	Vehicle	November 24	3	0.0%	3	-31.3%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 24	66,495	-1.6%	66,973	-2.3%
Residential	Consumers	September 24	57,382	-1.0%	57,638	-1.7%
Commercial	Consumers	September 24	8,925	-4.9%	9,144	-5.4%
Street Lights	Consumers	September 24	188	-3.6%	191	-4.2%
<b>Electric Meters</b>						
All Sectors	Meters	September 24	66,287	-1.9%	66,832	-2.6%
Residential	Meters	September 24	57,384	-1.3%	57,692	-2.2%
Commercial	Meters	September 24	8,896	-5.6%	9,132	-5.5%
Street Lights	Meters	September 24	7	-41.7%	7	-41.7%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 24	85,750,233	12.2%	715,379,420	-2.7%
Residential	KWH	September 24	30,709,439	13.5%	252,360,599	-5.1%
Commercial	KWH	September 24	54,699,410	11.6%	459,838,354	-1.4%
Street Lights	KWH	September 24	341,384	6.0%	3,180,467	-6.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	34,224,151	6.7%	303,450,396	-0.5%
Residential	Dollars	September 24	12,880,309	8.2%	112,553,509	-1.7%
Commercial	Dollars	September 24	21,209,902	5.9%	189,616,394	0.2%
Street Lights	Dollars	September 24	133,940	5.3%	1,280,493	-3.9%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	39.91	-4.9%	42.42	2.3%
Residential	Cents/KWh	September 24	41.94	-4.7%	44.60	3.6%
Commercial	Cents/KWh	September 24	38.78	-5.1%	41.24	1.6%
Street Lights	Cents/KWh	September 24	39.23	-0.7%	40.26	2.9%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	88,120,574	7.3%	746,210,366	-3.1%
Electricity Generated at the Electric Utility Stations	KWH	September 24	63,056,365	2.2%	561,633,771	-9.8%
- Generated by Steam	KWH	September 24	11,345,562	-2.6%	121,869,923	6.0%
- Generated by Diesel	KWH	September 24	51,710,803	3.3%	439,763,848	-13.4%
- Generated by Hydro and Wind	KWH	September 24	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 24	28,026,232	19.5%	210,969,773	20.4%
Electricity Used by Electric Utility Stations	KWH	September 24	2,962,023	-3.0%	26,393,178	-6.0%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	24,981	7.1%	270,514	3.3%
Total Cost of Oil Consumed	Dollars	September 24	2,566,475	20.6%	26,882,831	14.1%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	102.74	12.6%	99.38	10.4%
Month-end price per barrel	Dollars	September 24	98.88	6.0%	99.94	7.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.230	4.5%	0.221	7.0%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	81,778	-6.7%	694,836	-12.1%
Total Cost of Oil Consumed	Dollars	September 24	9,802,838	-2.4%	85,930,561	-16.0%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	119.87	4.5%	123.67	-4.5%
Month-end price per barrel	Dollars	September 24	114.89	0.6%	122.22	-4.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.190	5.6%	0.197	-2.2%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	-	N/A	-	N/A
Month-end price per barrel	Dollars	September 24	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	-	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	November 24	0.19112	-25.6%	0.21635	-10.2%

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: Lanai						
Month of Nov - 2024						
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 24	1,734	-1.8%	1,746	-0.7%
Residential	Consumers	September 24	1,469	-1.9%	1,482	-0.6%
Commercial	Consumers	September 24	262	-0.8%	261	-0.6%
Street Lights	Consumers	September 24	3	-25.0%	3	-25.0%
<b>Electric Meters</b>						
All Sectors	Meters	September 24	1,734	-2.0%	1,748	-0.7%
Residential	Meters	September 24	1,469	-1.9%	1,482	-0.6%
Commercial	Meters	September 24	265	-1.9%	266	-0.7%
Street Lights	Meters	September 24	-	-100.0%	#DIV/0!	#DIV/0!
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 24	3,094,442	8.9%	24,706,095	-1.3%
Residential	KWH	September 24	669,918	-1.5%	6,061,841	-3.5%
Commercial	KWH	September 24	2,413,984	12.2%	18,549,361	-0.6%
Street Lights	KWH	September 24	10,540	0.0%	94,893	0.0%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	1,512,415	2.5%	12,500,476	-2.5%
Residential	Dollars	September 24	334,145	-6.8%	3,084,980	-4.4%
Commercial	Dollars	September 24	1,173,161	5.6%	9,368,645	-1.8%
Street Lights	Dollars	September 24	5,109	-4.7%	46,851	-2.1%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	48.88	-5.9%	50.60	-1.2%
Residential	Cents/KWh	September 24	49.88	-5.3%	50.89	-0.9%
Commercial	Cents/KWh	September 24	48.60	-5.9%	50.51	-1.2%
Street Lights	Cents/KWh	September 24	48.47	-4.7%	49.37	-2.1%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	2,911,377	-3.1%	25,949,845	-0.9%
Electricity Generated at the Electric Utility Stations	KWH	September 24	2,979,593	-3.4%	26,558,192	-1.2%
- Generated by Steam	KWH	September 24	-	N/A	-	N/A
- Generated by Diesel	KWH	September 24	2,979,593	-3.4%	26,558,192	-1.2%
- Generated by Hydro and Wind	KWH	September 24	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 24	-	N/A	-	N/A
Electricity Used by Electric Utility Stations	KWH	September 24	68,216	-12.5%	608,347	-12.5%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 24	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	5,274	-3.2%	46,939	-0.3%
Total Cost of Oil Consumed	Dollars	September 24	778,066	1.7%	7,134,911	-4.7%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	147.53	5.0%	152.00	-4.4%
Month-end price per barrel	Dollars	September 24	140.86	-1.5%	149.52	-7.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.260	4.0%	0.271	-2.8%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 24	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	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	November 24	0.29177	-20.9%	0.30378	-7.9%

Source:

NYMEX WTI Prices, New York Mercantile Exchange  
Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration  
Foreign Imports, US Department of Energy, Energy Information Administration  
Gasoline and Diesel Prices, American Automobile Association  
Fuel Surcharges, Matson Navigation Company  
Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)  
Registered Vehicles, City and County Honolulu  
Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Molokai Month of Nov - 2024						
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 24	3,283	-0.2%	3,281	-0.2%
Residential	Consumers	September 24	2,740	-0.2%	2,740	-0.1%
Commercial	Consumers	September 24	534	0.0%	532	-0.6%
Street Lights	Consumers	September 24	9	0.0%	9	-1.2%
<b>Electric Meters</b>						
All Sectors	Meters	September 24	3,269	-0.2%	3,267	-0.2%
Residential	Meters	September 24	2,740	-0.2%	2,740	-0.1%
Commercial	Meters	September 24	529	0.0%	527	-0.6%
Street Lights	Meters	September 24	-	N/A	-	N/A
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 24	2,690,834	8.7%	21,461,383	3.0%
Residential	KWH	September 24	974,275	6.5%	8,176,411	-0.7%
Commercial	KWH	September 24	1,681,956	10.2%	12,949,292	5.5%
Street Lights	KWH	September 24	34,603	0.0%	335,680	0.4%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	1,266,578	6.1%	10,665,117	1.7%
Residential	Dollars	September 24	480,769	3.8%	4,222,995	-0.9%
Commercial	Dollars	September 24	769,851	7.7%	6,281,764	3.5%
Street Lights	Dollars	September 24	15,958	-1.7%	160,358	-0.8%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	47.07	-2.4%	49.69	-1.3%
Residential	Cents/KWh	September 24	49.35	-2.6%	51.65	-0.2%
Commercial	Cents/KWh	September 24	45.77	-2.2%	48.51	-1.9%
Street Lights	Cents/KWh	September 24	46.12	-1.7%	47.77	-1.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	2,767,719	0.6%	23,370,580	1.6%
Electricity Generated at the Electric Utility Stations	KWH	September 24	2,823,680	-0.9%	23,986,380	0.3%
- Generated by Steam	KWH	September 24	-	N/A	-	N/A
- Generated by Diesel	KWH	September 24	2,823,680	-0.9%	23,986,380	0.3%
- Generated by Hydro and Wind	KWH	September 24	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 24	39,004	7518.0%	197,905	4856.3%
Electricity Used by Electric Utility Stations	KWH	September 24	94,965	-3.7%	813,705	-12.3%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 24	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	4,246	-12.2%	40,837	-0.4%
Total Cost of Oil Consumed	Dollars	September 24	534,542	-3.6%	5,364,371	-4.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	125.89	9.8%	131.36	-3.8%
Month-end price per barrel	Dollars	September 24	123.50	4.4%	130.26	-3.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.190	-5.0%	0.224	-4.3%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 24	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	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	November 24	0.24397	-20.9%	0.27111	-7.1%

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: Hawaii						
Month of Nov - 2024						
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	November 24	4.756	-2.1%	4.827	-0.5%
Gasoline - Mid Grade	\$ per Gallon	November 24	4.972	-2.7%	5.043	-0.4%
Gasoline - Premium	\$ per Gallon	November 24	5.293	-1.8%	5.351	0.2%
Diesel	\$ per Gallon	November 24	5.217	-10.5%	5.449	-7.9%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	September 24	-	N/A	-	N/A
Distillate	1000 Barrels	September 24	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	September 24	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	September 24	-	N/A	-	N/A
Propane	1000 Barrels	September 24	26	30.0%	199	9.3%
Fuel Ethanol	1000 Barrels	September 24	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	September 24	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	September 24	6,208,771	-7.9%	60,784,017	-2.0%
Diesel Oil (non-hwy)	Gallons	September 24	3,232,993	31.2%	25,329,714	21.3%
Diesel Oil (hwy use)	Gallons	September 24	963,823	-3.6%	9,326,549	2.3%
LPG (off hwy)	Gallons	September 24	19	-17.4%	252	-23.0%
LPG (hwy use)	Gallons	September 24	28,759	1.4%	259,978	1.0%
Small Boat (gas)	Gallons	September 24	-	N/A	-	N/A
Small Boat (diesel)	Gallons	September 24	-	N/A	-	N/A
Aviation Fuel	Gallons	September 24	2,367,092	-29.5%	27,481,613	-24.8%
Other Fuel	Gallons	September 24	18,909	-98.3%	1,833,568	-83.1%
Agricultural Refund	Gallons	September 24	-	-100.0%	45,322	-23.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	November 24	3,028	25.7%	2,800	32.4%
Passenger, Diesel	Vehicle	November 24	2,793	-0.2%	2,786	-0.7%
Passenger, Gasoline	Vehicle	November 24	185,911	-0.4%	187,200	1.6%
Passenger, Hybrid	Vehicle	November 24	3,432	2.8%	3,383	3.8%
Passenger, Misc Fuel	Vehicle	November 24	36	0.0%	35	-17.8%
Freight, Electric	Vehicle	November 24	58	176.2%	43	231.5%
Freight, Diesel	Vehicle	November 24	7,415	2.4%	7,338	1.7%
Freight, Gasoline	Vehicle	November 24	7,388	-0.7%	7,438	1.4%
Freight, Hybrid	Vehicle	November 24	14	27.3%	12	20.5%
Freight, Misc Fuel	Vehicle	November 24	1	0.0%	1	0.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	September 24	90,173	0.9%	89,772	0.7%
Residential	Consumers	September 24	78,614	1.1%	78,251	0.9%
Commercial	Consumers	September 24	11,400	-0.1%	11,362	-0.2%
Street Lights	Consumers	September 24	159	-1.9%	159	-1.7%
<b>Electric Meters</b>						
All Sectors	Meters	September 24	89,775	0.9%	89,374	0.7%
Residential	Meters	September 24	78,615	1.1%	78,253	0.9%
Commercial	Meters	September 24	11,121	-0.2%	11,083	-0.3%
Street Lights	Meters	September 24	39	2.6%	38	0.9%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	September 24	89,610,097	3.0%	780,337,441	1.2%
Residential	KWH	September 24	36,578,237	6.2%	319,970,326	1.6%
Commercial	KWH	September 24	52,806,717	0.9%	458,323,080	0.9%
Street Lights	KWH	September 24	225,143	2.7%	2,044,035	3.4%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	September 24	40,606,415	8.0%	350,274,245	3.5%
Residential	Dollars	September 24	17,574,158	10.3%	153,491,502	4.8%
Commercial	Dollars	September 24	22,929,774	6.2%	195,859,445	2.5%
Street Lights	Dollars	September 24	102,483	7.1%	923,298	6.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	September 24	45.31	4.8%	44.89	2.3%
Residential	Cents/KWh	September 24	48.05	3.9%	47.97	3.2%
Commercial	Cents/KWh	September 24	43.42	5.3%	42.73	1.6%
Street Lights	Cents/KWh	September 24	45.52	4.3%	45.17	2.9%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	September 24	93,010,132	0.4%	825,542,789	0.7%
Electricity Generated at the Electric Utility Stations	KWH	September 24	47,923,934	13.9%	406,470,201	12.9%
- Generated by Steam	KWH	September 24	13,580,640	28.4%	115,773,529	0.1%
- Generated by Diesel	KWH	September 24	33,749,754	8.5%	287,193,892	20.0%
- Generated by Hydro and Wind	KWH	September 24	593,540	55.3%	3,502,780	-29.7%
Electricity Purchased from Independent Power Plant	KWH	September 24	47,060,835	-9.7%	445,579,157	-6.3%
Electricity Used by Electric Utility Stations	KWH	September 24	1,974,637	28.8%	16,506,569	3.9%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	28,931	32.2%	240,676	1.7%
Total Cost of Oil Consumed	Dollars	September 24	3,111,318	41.7%	25,227,004	8.5%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	107.54	7.2%	104.82	6.7%
Month-end price per barrel	Dollars	September 24	105.99	5.7%	110.62	12.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.230	9.5%	0.217	6.6%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September 24	64,702	15.8%	515,184	24.0%
Total Cost of Oil Consumed	Dollars	September 24	7,975,730	17.6%	66,362,480	18.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	123.27	1.5%	128.81	-4.3%
Month-end price per barrel	Dollars	September 24	119.36	1.5%	125.72	-5.3%
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.270	3.8%	0.272	-5.4%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	September-24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 24	0	N/A	45,536	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 24	0.00	N/A	45,536.00	N/A
Month-end price per barrel	Dollars	September 24	0.00	N/A	45,536.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 24	0.000	N/A	45,536.000	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	November 24	0.23175	-6.5%	0.23562	4.1%

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: Kauai						
Month of Nov - 2024						
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	November-24	5.201	-1.5%	5.230	-1.0%
Gasoline - Mid Grade	\$ per Gallon	November-24	5.467	-1.8%	5.511	-1.7%
Gasoline - Premium	\$ per Gallon	November-24	5.678	-1.6%	5.713	-1.1%
Diesel	\$ per Gallon	November-24	5.738	-10.9%	6.330	-2.7%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	September-24	-	N/A	-	N/A
Distillate	1000 Barrels	September-24	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	September-24	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	September-24	-	N/A	-	N/A
Propane	1000 Barrels	September-24	12	71.4%	183	-11.2%
Fuel Ethanol	1000 Barrels	September-24	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	September-24	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	September 24	2,366,324	-3.8%	22,114,865	-1.2%
Diesel Oil (non-hwy)	Gallons	September 24	1,879,252	145.5%	13,461,863	116.1%
Diesel Oil (hwy use)	Gallons	September 24	284,777	5.2%	1,670,495	-27.3%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	September 24	-	N/A	-	N/A
Small Boat (gas)	Gallons	September 24	-	N/A	-	N/A
Small Boat (diesel)	Gallons	September 24	-	N/A	-	N/A
Aviation Fuel	Gallons	September 24	15,432	-99.2%	5,471,307	-72.7%
Other Fuel	Gallons	September 24	37	-100.0%	4,172,760	-60.0%
Agricultural Refund	Gallons	September 24	-	-100.0%	6,055	-4.9%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	November-24	1,066	26.0%	989	29.0%
Passenger, Diesel	Vehicle	November-24	842	-5.1%	869	-2.0%
Passenger, Gasoline	Vehicle	November-24	77,197	-0.7%	78,073	2.2%
Passenger, Hybrid	Vehicle	November-24	1,062	0.1%	1,060	0.3%
Passenger, Misc Fuel	Vehicle	November-24	24	380.0%	9	96.2%
Freight, Electric	Vehicle	November-24	29	141.7%	23	239.2%
Freight, Diesel	Vehicle	November-24	2,356	2.5%	2,330	1.3%
Freight, Gasoline	Vehicle	November-24	2,212	3.2%	2,164	2.1%
Freight, Hybrid	Vehicle	November-24	4	N/A	2	N/A
Freight, Misc Fuel	Vehicle	November-24	1	0.0%	1	22.2%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	October-24	39,180	0.4%	39,108	0.4%
Residential	Consumers	October-24	30,142	0.3%	30,101	0.3%
Commercial	Consumers	October-24	5,209	0.8%	5,190	0.9%
Street Lights	Consumers	October-24	3,829	0.6%	3,816	0.3%
<b>Electric Meters</b>						
All Sectors	Meters	October-24	39,180	0.4%	39,108	0.4%
Residential	Meters	October-24	30,142	0.3%	30,101	0.3%
Commercial	Meters	October-24	5,209	0.8%	5,190	0.9%
Street Lights	Meters	October-24	3,829	0.6%	3,816	0.3%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	October-24	42,384,998	6.1%	394,238,736	2.0%
Residential	KWH	October-24	17,162,077	3.6%	162,002,124	0.9%
Commercial	KWH	October-24	25,164,882	7.8%	231,656,821	2.8%
Street Lights	KWH	October-24	58,039	0.3%	579,791	0.3%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	October-24	16,405,782	3.3%	157,580,521	11.9%
Residential	Dollars	October-24	6,890,667	1.2%	66,915,563	10.8%
Commercial	Dollars	October-24	9,448,267	4.8%	89,993,796	12.6%
Street Lights	Dollars	October-24	66,849	17.3%	671,162	20.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	October-24	38.71	-2.6%	39.97	9.6%
Residential	Cents/KWh	October-24	40.15	-2.3%	41.31	9.8%
Commercial	Cents/KWh	October-24	37.55	-2.8%	38.85	9.5%
Street Lights	Cents/KWh	October-24	115.18	17.0%	115.76	20.4%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	October-24	44,900,825	2.7%	413,364,145	1.4%
Electricity Generated at the Electric Utility Stations	KWH	October-24	28,869,243	16.9%	228,958,748	19.9%
- Generated by Steam	KWH	October-24	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	October-24	28,695,151	17.1%	228,313,662	20.7%
- Generated by Hydro and Wind	KWH	October-24	174,092	-3.3%	645,086	-66.4%
Electricity Purchased from Independent Power Plant	KWH	October-24	16,742,342	-14.7%	190,173,485	-13.9%
Electricity Used by Electric Utility Stations	KWH	October-24	710,760	21.0%	5,768,088	36.4%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	October-24	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	October-24	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	October-24	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	October-24	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	October-24	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	October-24	44,351	3.8%	369,479	10.2%
Total Cost of Oil Consumed	Dollars	October-24	5,016,815	1.7%	42,568,165	29.0%
Ave Cost/Bbl of Oil Consumed	Dollars	October-24	113.12	-2.1%	115.21	17.0%
Month-end price per barrel	Dollars	October-24	111.34	-40.6%	125.46	-11.5%
Cost of Oil/KWH Generated	Dollar/KWh	October-24	0.175	-13.2%	0.183	5.2%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	November-24	0.00103	-94.0%	-0.02014	-298.1%

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.