

# MONTHLY ENERGY TREND HIGHLIGHTS

## August 2021 Highlights

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### Crude Oil Prices:

In August 2021, the crude oil price increased from the same month last year but decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$67.71 per barrel in August 2021 which was up \$25.32 (59.7%) per barrel from the same month last year. Compared to July 2021, it was a decrease of \$4.72 (6.5%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.8 million barrels of foreign crude oil in June 2021. This was an increase of 2.1 million barrels (292.8%) from the same month last year. Compared to May 2021, it was an increase of 0.7 million barrels (33.6%).

### Gasoline Prices:

In August 2021, the regular gasoline price in Hawaii averaged \$4.082 per gallon, which was 91.0 cents per gallon (28.7%) higher than the national average for the same month.

Hawaii's regular gasoline price in August 2021 was an increase of 84.7 cents per gallon (26.2%) from the same month last year, and an increase of 1.8 cents per gallon (0.4%) from July 2021.

The national average price for regular gasoline in August 2021 was \$3.172 per gallon, an increase of 98.0 cents per gallon (44.7%) from the same month last year, and an increase of 1.8 cents per gallon (0.6%) from July 2021.

The average prices of regular gasoline within the State in August 2021 were as follows: Kauai, \$4.324; Hilo, \$4.126; Wailuku, \$4.114; and Oahu, \$4.006.

### Diesel Fuel Prices:

The national average price for diesel in August 2021 was \$3.287 per gallon which was an increase of 86.1 cents (35.5%) from the same month a year ago, and an increase of 1.9 cents (0.6%) from July 2021.

Hawaii's average price for diesel in August 2021 was \$4.367 per gallon which increased 33.4 cents (8.3%) per gallon from the same month last year and increased 2.3 cents per gallon (0.5%) from July 2021. Hawaii's diesel price was \$1.080 per gallon (32.9%) higher than the national average.

In August 2021, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.726; Wailuku, \$4.490; Hilo, \$4.374; and Oahu, \$4.284.

### Gasoline Consumption:

Hawaii's statewide consumption for gasoline in June 2021, as measured by the gasoline tax base, was 37.4 million gallons, which increased 8.1 million gallons (27.7%) from the same month a year

ago. Gasoline in June 2021 was mainly consumed in Honolulu (59.4%), followed by Hawaii County (18.7%), Maui County (15.1%), and Kauai County (6.9%).

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

Hawaii's June 2021 consumption for highway use diesel was 3.6 million gallons, which increased 0.7 million gallons (25.1%) from the same month last year. Highway use diesel in June 2021 was mainly consumed in Honolulu (51.3%), followed by Hawaii County (27.9%), Maui County (12.8%), and Kauai County (8.1%).

### **Aviation Fuel Consumption:**

In June 2021, data from the Department of Taxation showed statewide aviation fuel consumption was 26.6 million gallons, which increased 22.1 million gallons (484.2%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (38.4%), Maui County (36.2%), Hawaii County (16.3%), and Kauai County (9.1%).

### **Registered Taxable Vehicles:**

As of August 2021, there were 1,053,088 registered passenger vehicles in the state, a decrease of 13,415 vehicles (1.3%) from the same month last year but an increase of 5,320 vehicles (0.5%) from July 2021. The number of passenger gasoline vehicles was 1,005,302, which was 95.5% of total passenger vehicles. It represents a decrease of 16,672 vehicles (1.6%) from the same period last year, but an increase of 4,320 vehicles (0.4%) from July 2021.

In August 2021, the number of passenger electric vehicles in the state was 16,216, an increase of 3,799 vehicles (30.6%) from the same month last year, and an increase of 665 vehicles (4.3%) from July 2021. The number of passenger hybrid vehicles in the state in this month was 23,542, accounting for 2.2% of the total passenger vehicles. It represents an increase of 0.5% from the same month last year and an increase of 1.1% from July 2021.

In August 2021, there were 49,874 registered freight gasoline vehicles, a 0.5% decrease from the same period last year, but a 0.4% increase from July 2021. The number of freight diesel vehicles in August 2021 was 23,882, a 0.5% decrease from the same period last year, and remained relatively unchanged from July 2021.

| Monthly Energy Trend: State                                 |               |           |                |                   |               |                   |
|---|---------------|-----------|----------------|-------------------|---------------|-------------------|
| Month of Aug - 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 | August 21 | 67.71          | 59.7%             | 64.01         | 67.5%             |
| Europe Brent Spot Price                                     | \$ per Barrel | August 21 | 70.61          | 57.8%             | 66.84         | 63.4%             |
| <b>Gasoline and Diesel Prices</b>                           |               |           |                |                   |               |                   |
| Gasoline - Regular, National                                | \$ per Gallon | August 21 | 3.172          | 44.7%             | 2.878         | 31.9%             |
| Gasoline -Mid Grade, National                               | \$ per Gallon | August 21 | 3.525          | 39.0%             | 3.212         | 26.9%             |
| Gasoline -Premium, National                                 | \$ per Gallon | August 21 | 3.799          | 35.6%             | 3.482         | 24.6%             |
| Diesel, National  | \$ per Gallon | August 21 | 3.287          | 35.5%             | 3.057         | 17.4%             |
| Gasoline - Regular, State                                   | \$ per Gallon | August 21 | 4.082          | 26.2%             | 3.749         | 11.7%             |
| Gasoline -Mid Grade, State                                  | \$ per Gallon | August 21 | 4.293          | 25.2%             | 3.942         | 11.5%             |
| Gasoline -Premium, State                                    | \$ per Gallon | August 21 | 4.541          | 24.8%             | 4.187         | 12.2%             |
| Diesel, State   | \$ per Gallon | August 21 | 4.367          | 8.3%              | 4.231         | 3.5%              |
| <b>Fuel Surcharges</b>                                      |               |           |                |                   |               |                   |
| Matson Navigation Company                                   | Percentage    | August 21 | 34.50%         | 15.0%             | 32.72%        | 0.6%              |
| <b>Foreign Imports</b>                                      |               |           |                |                   |               |                   |
| Crude Oil   | 1000 Barrels  | June 21   | 2,765          | 292.8%            | 12,436        | 22.1%             |
| Distillate  | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Jet Fuel, Kerosene  | 1000 Barrels  | June 21   | 324            | 116.0%            | 1,877         | -62.9%            |
| Residual Fuel Oil   | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Propane   | 1000 Barrels  | June 21   | 58             | 23.4%             | 378           | 0.3%              |
| Fuel Ethanol  | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Other Refined Petroleum Products                            | 1000 Barrels  | June 21   | 576            | N/A               | 1,525         | 27.3%             |
| <b>Liquid Fuel Tax Base</b>                                 |               |           |                |                   |               |                   |
| Gasoline  | Gallons       | June 21   | 37,412,527     | 27.7%             | 204,586,468   | 10.4%             |
| Diesel Oil (non-hwy)  | Gallons       | June 21   | 10,853,713     | 10.1%             | 62,138,142    | -12.5%            |
| Diesel Oil (hwy use)  | Gallons       | June 21   | 3,579,032      | 25.1%             | 20,119,436    | -1.6%             |
| LPG (off hwy)   | Gallons       | June 21   | -              | -                 | -             | -                 |
| LPG (hwy use)   | Gallons       | June 21   | 1,681          | 51.2%             | 7,623         | 11.0%             |
| Small Boat (gas)  | Gallons       | June 21   | 62,945         | -45.5%            | 308,932       | -55.5%            |
| Small Boat (diesel)   | Gallons       | June 21   | 348,099        | 5.6%              | 2,766,154     | 82.4%             |
| Aviation Fuel   | Gallons       | June 21   | 26,616,307     | 484.2%            | 112,303,498   | 39.0%             |
| Other Fuel  | Gallons       | June 21   | 2,757,506      | 87.3%             | 11,473,448    | -10.9%            |
| Agricultural Refund   | Gallons       | June 21   | -              | -100.0%           | 262,015       | 29.4%             |
| <b>Registered Vehicles, Taxable</b>                         |               |           |                |                   |               |                   |
| Passenger, Electric   | Vehicle       | August 21 | 16,216         | 30.6%             | 14,751        | 24.0%             |
| Passenger, Diesel   | Vehicle       | August 21 | 7,356          | -3.1%             | 7,303         | -5.5%             |
| Passenger, Gasoline   | Vehicle       | August 21 | 1,005,302      | -1.6%             | 1,001,427     | -3.0%             |
| Passenger, Hybrid   | Vehicle       | August 21 | 23,542         | 0.5%              | 23,101        | -2.8%             |
| Passenger, Misc Fuel  | Vehicle       | August 21 | 672            | -38.7%            | 645           | -41.3%            |
| Freight, Electric   | Vehicle       | August 21 | 30             | 50.0%             | 27            | 54.6%             |
| Freight, Diesel   | Vehicle       | August 21 | 23,882         | -0.5%             | 23,892        | -1.0%             |
| Freight, Gasoline   | Vehicle       | August 21 | 49,874         | -0.5%             | 49,477        | -1.6%             |
| Freight, Hybrid   | Vehicle       | August 21 | 72             | 7.5%              | 72            | 3.8%              |
| Freight, Misc Fuel  | Vehicle       | August 21 | 55             | -40.9%            | 60            | -37.5%            |
| <b>Electricity Production and Sale by Utility Companies</b> |               |           |                |                   |               |                   |
| <b>Electricity Consumers</b>                                |               |           |                |                   |               |                   |
| All Sectors   | Consumers     | June 21   | 507,970        | 0.6%              | 507,246       | 0.6%              |
| Residential   | Consumers     | June 21   | 443,487        | 0.7%              | 442,896       | 0.7%              |
| Commercial  | Consumers     | June 21   | 59,895         | 0.1%              | 59,760        | -0.1%             |
| Street Lights   | Consumers     | June 21   | 4,588          | -0.3%             | 4,591         | -0.3%             |
| <b>Electric Meters</b>                                      |               |           |                |                   |               |                   |
| All sectors   | Meters        | June 21   | 506,963        | 0.6%              | 506,254       | 0.6%              |
| Residential   | Meters        | June 21   | 443,494        | 0.7%              | 442,904       | 0.7%              |
| Commercial  | Meters        | June 21   | 59,534         | 0.0%              | 59,415        | -0.2%             |
| Street Lights   | Meters        | June 21   | 3,935          | 0.0%              | 3,935         | 0.0%              |
| <b>Electricity Sale (KWH sold)</b>                          |               |           |                |                   |               |                   |
| All Sectors   | KWH           | June 21   | 732,314,604    | 3.2%              | 4,135,477,231 | 1.3%              |
| Residential   | KWH           | June 21   | 224,216,904    | -4.5%             | 1,269,738,274 | 1.6%              |
| Commercial  | KWH           | June 21   | 505,992,536    | 6.6%              | 2,851,922,819 | 1.1%              |
| Street Lights   | KWH           | June 21   | 2,105,164      | 11866.6%          | 13,816,138    | 7.9%              |
| <b>Net Revenue of Utility Companies</b>                     |               |           |                |                   |               |                   |
| All Sectors   | Dollars       | June 21   | 219,003,293    | 17.9%             | 1,223,292,095 | 3.2%              |
| Residential   | Dollars       | June 21   | 75,400,820     | 9.1%              | 419,603,255   | 4.2%              |
| Commercial  | Dollars       | June 21   | 142,885,480    | 22.5%             | 799,144,076   | 2.7%              |
| Street Lights   | Dollars       | June 21   | 716,993        | 1231.5%           | 4,544,764     | 9.4%              |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b> |               |           |                |                   |               |                   |
| All Sectors   | Cents/KWh     | June 21   | 29.91          | 14.2%             | 29.58         | 1.9%              |
| Residential   | Cents/KWh     | June 21   | 33.63          | 14.2%             | 33.05         | 2.6%              |
| Commercial  | Cents/KWh     | June 21   | 28.24          | 14.9%             | 28.02         | 1.5%              |
| Street Lights   | Cents/KWh     | June 21   | 34.06          | -88.9%            | 32.89         | 1.4%              |
| <b>Electricity Production</b>                               |               |           |                |                   |               |                   |
| Electricity Sent to System by Electric Utility Companies    | KWH           | June 21   | 770,183,511    | 6.3%              | 4,318,699,614 | 0.8%              |
| Electricity Generated at the Electric Utility Stations      | KWH           | June 21   | 405,683,999    | -0.3%             | 2,416,849,437 | -1.7%             |
| - Generated by Steam  | KWH           | June 21   | 294,306,023    | -3.4%             | 1,722,027,148 | -2.1%             |
| - Generated by Diesel                                       | KWH           | June 21   | 104,835,391    | 8.6%              | 654,829,027   | -0.6%             |
| - Generated by Biodiesel                                    | KWH           | June 21   | 2,651,279      | -7.7%             | 15,330,537    | -1.0%             |
| - Generated by Solar  | KWH           | June 21   | 3,349,219      | 24.8%             | 19,322,711    | 5.1%              |
| - Generated by Hydro and Wind                               | KWH           | June 21   | 542,087        | 308.0%            | 5,340,014     | -19.2%            |
| Electricity Purchased from Independent Power Plant          | KWH           | June 21   | 389,719,729    | 14.0%             | 2,047,289,764 | 4.1%              |
| Electricity Used by Electric Utility Stations               | KWH           | June 21   | 25,220,217     | 3.5%              | 145,494,692   | 2.4%              |
| <b>Fuel Oil Used by Utility Companies</b>                   |               |           |                |                   |               |                   |
| Barrels of Oil Consumed                                     | Barrels       | June 21   | 490,850        | -3.4%             | 2,873,783     | -1.8%             |
| Total Cost of Oil Consumed                                  | Dollars       | June 21   | 38,437,092     | 45.4%             | 199,339,640   | -1.2%             |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | June 21   | 78.31          | 50.5%             | 69.36         | 0.6%              |
| Month-end price per barrel                                  | Dollars       | June 21   | 75.24          | 70.4%             | 67.78         | 15.9%             |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | June 21   | 0.141          | 55.9%             | 0.125         | 2.3%              |
| <b>Diesel Oil Used by Utility Companies</b>                 |               |           |                |                   |               |                   |
| Barrels of Oil Consumed                                     | Barrels       | June 21   | 179,266        | 8.9%              | 1,127,771     | -0.5%             |
| Total Cost of Oil Consumed                                  | Dollars       | June 21   | 15,196,456     | 68.2%             | 84,582,217    | -7.9%             |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | June 21   | 84.77          | 54.4%             | 75.00         | -7.4%             |
| Month-end price per barrel                                  | Dollars       | June 21   | 94.02          | 70.5%             | 85.12         | 5.0%              |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | June 21   | 0.151          | 49.3%             | 0.136         | -7.6%             |
| <b>Biodiesel Oil Used by Utility Companies</b>              |               |           |                |                   |               |                   |
| Barrels of Oil Consumed                                     | Barrels       | June 21   | 4,146          | -7.1%             | 24,018        | -0.6%             |
| Total Cost of Oil Consumed                                  | Dollars       | June 21   | -740,769       | -225.0%           | -6,533,844    | -269.8%           |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | June 21   | -178.67        | -234.5%           | -272.04       | -270.8%           |
| Month-end price per barrel                                  | Dollars       | June 21   | 26.90          | -81.6%            | -32.65        | -121.8%           |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | June 21   | -0.300         | -236.4%           | -0.502        | -287.0%           |

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

| Monthly Energy Trend: Oahu<br>Month of Aug - 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 | August 21 | 4.006          | 31.0%             | 3.645         | 14.1%             |
| Gasoline - Mid Grade  | \$ per Gallon | August 21 | 4.259          | 28.4%             | 3.889         | 13.0%             |
| Gasoline - Premium  | \$ per Gallon | August 21 | 4.525          | 27.4%             | 4.148         | 13.4%             |
| Diesel  | \$ per Gallon | August 21 | 4.284          | 6.5%              | 4.164         | 2.3%              |
| <b>Foreign Imports</b>  |               |           |                |                   |               |                   |
| Crude Oil   | 1000 Barrels  | June 21   | 2,765          | 292.8%            | 12,436        | 22.1%             |
| Distillate  | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Jet Fuel, Kerosene  | 1000 Barrels  | June 21   | 324            | 116.0%            | 1,877         | -62.9%            |
| Residual Fuel Oil   | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Propane   | 1000 Barrels  | June 21   | -              | N/A               | -             | -100.0%           |
| Fuel Ethanol  | 1000 Barrels  | June 21   | -              | N/A               | -             | N/A               |
| Other Refined Petroleum Products  | 1000 Barrels  | June 21   | 576            | N/A               | 1,525         | 27.3%             |
| <b>Liquid Fuel Tax Base</b>   |               |           |                |                   |               |                   |
| Gasoline  | Gallons       | June 21   | 22,206,551     | 20.9%             | 123,140,112   | 8.5%              |
| Diesel Oil (non-hwy)  | Gallons       | June 21   | 3,248,976      | -26.9%            | 19,477,873    | -35.4%            |
| Diesel Oil (hwy use)  | Gallons       | June 21   | 1,835,938      | 33.0%             | 10,286,923    | -9.5%             |
| LPG (off hwy)   | Gallons       | June 21   | -              | -                 | -             | -                 |
| LPG (hwy use)   | Gallons       | June 21   | 1,620          | 84.9%             | 6,959         | 29.1%             |
| Small Boat (gas)  | Gallons       | June 21   | 28,509         | -68.4%            | 121,977       | -76.3%            |
| Small Boat (diesel)   | Gallons       | June 21   | 348,099        | 5.6%              | 2,766,154     | 82.4%             |
| Aviation Fuel   | Gallons       | June 21   | 10,215,925     | 225.4%            | 43,236,936    | 22.4%             |
| Other Fuel  | Gallons       | June 21   | 126,327        | -5.8%             | 663,276       | -14.8%            |
| Agricultural Refund   | Gallons       | June 21   | -              | -100.0%           | 148,195       | 29.4%             |
| <b>Registered Vehicles, Taxable</b>   |               |           |                |                   |               |                   |
| Passenger, Electric   | Vehicle       | August 21 | 12,779         | 31.4%             | 11,588        | 24.1%             |
| Passenger, Diesel   | Vehicle       | August 21 | 2,312          | -5.2%             | 2,306         | -8.2%             |
| Passenger, Gasoline   | Vehicle       | August 21 | 597,050        | -1.2%             | 594,700       | -2.6%             |
| Passenger, Hybrid   | Vehicle       | August 21 | 16,160         | 1.3%              | 15,859        | -2.5%             |
| Passenger, Misc Fuel  | Vehicle       | August 21 | 392            | -30.9%            | 366           | -35.3%            |
| Freight, Electric   | Vehicle       | August 21 | 29             | 45.0%             | 26            | 48.9%             |
| Freight, Diesel   | Vehicle       | August 21 | 10,955         | -2.0%             | 10,997        | -2.7%             |
| Freight, Gasoline   | Vehicle       | August 21 | 34,106         | -0.6%             | 33,884        | -1.7%             |
| Freight, Hybrid   | Vehicle       | August 21 | 65             | 8.3%              | 64            | 3.2%              |
| Freight, Misc Fuel  | Vehicle       | August 21 | 46             | -43.9%            | 51            | -40.4%            |
| <b>Electricity Production and Sale by Utility Companies</b>                 |               |           |                |                   |               |                   |
| <b>Electricity Consumers</b>  |               |           |                |                   |               |                   |
| All Sectors   | Consumers     | June 21   | 308,103        | 0.5%              | 307,735       | 0.5%              |
| Residential   | Consumers     | June 21   | 274,466        | 0.6%              | 274,135       | 0.6%              |
| Commercial  | Consumers     | June 21   | 33,196         | 0.0%              | 33,156        | -0.2%             |
| Street Lights   | Consumers     | June 21   | 441            | -1.3%             | 444           | -1.1%             |
| <b>Electric Meters</b>  |               |           |                |                   |               |                   |
| All Sectors   | Meters        | June 21   | 307,694        | 0.5%              | 307,339       | 0.5%              |
| Residential   | Meters        | June 21   | 274,471        | 0.6%              | 274,141       | 0.6%              |
| Commercial  | Meters        | June 21   | 33,104         | -0.1%             | 33,080        | -0.3%             |
| Street Lights   | Meters        | June 21   | 119            | -0.8%             | 119           | -1.8%             |
| <b>Electricity Sale (KWH Sold)</b>  |               |           |                |                   |               |                   |
| All Sectors   | KWH           | June 21   | 516,508,173    | -1.8%             | 2,941,880,955 | 0.1%              |
| Residential   | KWH           | June 21   | 137,266,045    | -13.8%            | 778,177,111   | -1.0%             |
| Commercial  | KWH           | June 21   | 377,830,484    | 2.9%              | 2,154,048,246 | 0.4%              |
| Street Lights   | KWH           | June 21   | 1,411,644      | -297.9%           | 9,655,598     | 14.7%             |
| <b>Net Revenue of Utility Companies</b>                                     |               |           |                |                   |               |                   |
| All Sectors   | Dollars       | June 21   | 144,648,451    | 15.9%             | 813,932,462   | 2.5%              |
| Residential   | Dollars       | June 21   | 43,980,432     | 1.5%              | 245,242,391   | 2.4%              |
| Commercial  | Dollars       | June 21   | 100,214,019    | 22.7%             | 565,710,167   | 2.5%              |
| Street Lights   | Dollars       | June 21   | 454,000        | -310.0%           | 2,979,904     | 19.8%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                 |               |           |                |                   |               |                   |
| All Sectors   | Cents/KWh     | June 21   | 28.01          | 18.0%             | 27.67         | 2.4%              |
| Residential   | Cents/KWh     | June 21   | 32.04          | 17.8%             | 31.51         | 3.4%              |
| Commercial  | Cents/KWh     | June 21   | 26.52          | 19.3%             | 26.26         | 2.1%              |
| Street Lights   | Cents/KWh     | June 21   | 32.16          | 6.1%              | 30.86         | 4.5%              |
| <b>Electricity Production</b>   |               |           |                |                   |               |                   |
| Electricity Sent to System by Electric Utility Companies                    | KWH           | June 21   | 542,575,495    | 2.1%              | 3,056,273,621 | -0.7%             |
| Electricity Generated at the Electric Utility Stations                      | KWH           | June 21   | 279,805,422    | -2.9%             | 1,646,574,610 | -1.5%             |
| - Generated by Steam  | KWH           | June 21   | 267,447,493    | -2.6%             | 1,564,126,672 | -1.0%             |
| - Generated by Diesel   | KWH           | June 21   | 6,357,431      | -21.2%            | 47,794,690    | -18.1%            |
| - Generated by Biodiesel  | KWH           | June 21   | 2,651,279      | -7.7%             | 15,330,537    | -1.0%             |
| - Generated by Solar  | KWH           | June 21   | 3,349,219      | 24.8%             | 19,322,711    | 5.1%              |
| - Generated by Hydro and Wind   | KWH           | June 21   | -              | N/A               | -             | N/A               |
| Electricity Purchased from Independent Power Plant                          | KWH           | June 21   | 282,097,032    | 7.6%              | 1,521,036,088 | 0.6%              |
| Electricity Used by Electric Utility Stations                               | KWH           | June 21   | 19,326,959     | 2.1%              | 111,337,075   | 3.5%              |
| <b>Fuel Oil Used by Utility Companies</b>                                   |               |           |                |                   |               |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 433,050        | -2.4%             | 2,530,745     | -0.5%             |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 34,298,061     | 46.4%             | 177,601,330   | -1.1%             |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 79.20          | 50.1%             | 70.18         | -0.6%             |
| Month-end price per barrel  | Dollars       | June 21   | 82.13          | 106.7%            | 73.68         | 16.8%             |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.140          | 55.6%             | 0.123         | 1.4%              |
| <b>Diesel Oil Used by Utility Companies</b>                                 |               |           |                |                   |               |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 17,581         | -25.3%            | 132,230       | -22.3%            |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 1,357,157      | -12.1%            | 9,005,638     | -37.2%            |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 77.19          | 17.7%             | 68.11         | -19.2%            |
| Month-end price per barrel  | Dollars       | June 21   | 76.91          | 39.4%             | 69.79         | -4.6%             |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.230          | 15.0%             | 0.205         | -18.5%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                              |               |           |                |                   |               |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 4,146          | -7.1%             | 24,018        | -0.6%             |
| Total Cost of Oil Consumed  | Dollars       | June 21   | -740,769       | -225.0%           | -6,533,844    | -269.8%           |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | -178.67        | -234.5%           | -272.04       | -270.8%           |
| Month-end price per barrel  | Dollars       | June 21   | 26.90          | -81.6%            | -32.65        | -121.8%           |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | -0.300         | -236.4%           | -0.502        | -287.0%           |
| <b>Energy Cost Adjustment Factor</b>  |               |           |                |                   |               |                   |
| Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C | \$/KWH        | August 21 | 0.14076        | 51.8%             | 0.12916       | 5.7%              |

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 Aug - 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 | August 21 | 4.114          | 18.0%             | 3.814        | 6.3%              |
| Gasoline - Mid Grade  | \$ per Gallon | August 21 | 4.278          | 15.4%             | 3.987        | 4.8%              |
| Gasoline - Premium  | \$ per Gallon | August 21 | 4.494          | 16.4%             | 4.189        | 6.8%              |
| Diesel  | \$ per Gallon | August 21 | 4.490          | 12.1%             | 4.304        | 6.3%              |
| <b>Foreign Imports</b>  |               |           |                |                   |              |                   |
| Crude Oil   | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Distillate  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil   | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Propane   | 1000 Barrels  | June 21   | 16             | 45.5%             | 144          | 71.4%             |
| Fuel Ethanol  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>   |               |           |                |                   |              |                   |
| Gasoline  | Gallons       | June 21   | 5,638,933      | 49.9%             | 29,958,560   | 18.1%             |
| Diesel Oil (non-hwy)  | Gallons       | June 21   | 4,664,053      | 105.9%            | 24,762,267   | 12.7%             |
| Diesel Oil (hwy use)  | Gallons       | June 21   | 456,817        | 24.7%             | 2,596,950    | 6.1%              |
| LPG (off hwy)   | Gallons       | June 21   | -              | N/A               | 53           | 560.7%            |
| LPG (hwy use)   | Gallons       | June 21   | -              | N/A               | -            | N/A               |
| Small Boat (gas)  | Gallons       | June 21   | 4,387          | -7.0%             | 22,699       | -30.5%            |
| Small Boat (diesel)   | Gallons       | June 21   | -              | N/A               | -            | N/A               |
| Aviation Fuel   | Gallons       | June 21   | 9,643,036      | 2492.3%           | 42,247,602   | 79.3%             |
| Other Fuel  | Gallons       | June 21   | 24,351         | 7.4%              | 93,058       | -32.4%            |
| Agricultural Refund   | Gallons       | June 21   | -              | N/A               | 40,816       | 61.0%             |
| <b>Registered Vehicles, Taxable</b>   |               |           |                |                   |              |                   |
| Passenger, Electric   | Vehicle       | August 21 | 1,849          | 23.3%             | 1,719        | 20.0%             |
| Passenger, Diesel   | Vehicle       | August 21 | 1,356          | -1.4%             | 1,344        | -3.0%             |
| Passenger, Gasoline   | Vehicle       | August 21 | 156,160        | -2.6%             | 155,263      | -4.4%             |
| Passenger, Hybrid   | Vehicle       | August 21 | 3,408          | -1.5%             | 3,319        | -4.0%             |
| Passenger, Misc Fuel  | Vehicle       | August 21 | 217            | -22.2%            | 219          | -21.9%            |
| Freight, Electric   | Vehicle       | August 21 | -              | N/A               | -            | N/A               |
| Freight, Diesel   | Vehicle       | August 21 | 3,648          | 0.1%              | 3,639        | -0.7%             |
| Freight, Gasoline   | Vehicle       | August 21 | 6,720          | 0.8%              | 6,636        | 0.4%              |
| Freight, Hybrid   | Vehicle       | August 21 | 2              | -33.3%            | 3            | -16.7%            |
| Freight, Misc Fuel  | Vehicle       | August 21 | 5              | -16.7%            | 5            | -13.0%            |
| <b>Electricity Production and Sale by Utility Companies</b>                   |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>  |               |           |                |                   |              |                   |
| All Sectors   | Consumers     | June 21   | 68,555         | 0.9%              | 68,459       | 1.0%              |
| Residential   | Consumers     | June 21   | 58,783         | 1.1%              | 58,711       | 1.2%              |
| Commercial  | Consumers     | June 21   | 9,568          | -0.2%             | 9,543        | -0.4%             |
| Street Lights   | Consumers     | June 21   | 204            | -4.2%             | 205          | -3.9%             |
| <b>Electric Meters</b>  |               |           |                |                   |              |                   |
| All Sectors   | Meters        | June 21   | 68,342         | 0.9%              | 68,247       | 1.0%              |
| Residential   | Meters        | June 21   | 58,785         | 1.1%              | 58,713       | 1.2%              |
| Commercial  | Meters        | June 21   | 9,546          | -0.2%             | 9,523        | -0.5%             |
| Street Lights   | Meters        | June 21   | 11             | 0.0%              | 11           | 0.0%              |
| <b>Electricity Sale (KWH Sold)</b>  |               |           |                |                   |              |                   |
| All Sectors   | KWH           | June 21   | 84,558,524     | 24.2%             | 461,112,778  | 6.0%              |
| Residential   | KWH           | June 21   | 32,164,975     | 16.4%             | 180,382,963  | 5.8%              |
| Commercial  | KWH           | June 21   | 52,014,727     | 29.9%             | 278,443,394  | 6.2%              |
| Street Lights   | KWH           | June 21   | 378,822        | -7.2%             | 2,286,421    | -7.4%             |
| <b>Net Revenue of Utility Companies</b>                                       |               |           |                |                   |              |                   |
| All Sectors   | Dollars       | June 21   | 28,233,687     | 20.7%             | 153,250,017  | 3.4%              |
| Residential   | Dollars       | June 21   | 11,172,573     | 17.3%             | 61,029,444   | 3.9%              |
| Commercial  | Dollars       | June 21   | 16,944,421     | 23.4%             | 91,519,049   | 3.2%              |
| Street Lights   | Dollars       | June 21   | 116,693        | -8.7%             | 701,524      | -9.2%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |               |           |                |                   |              |                   |
| All Sectors   | Cents/KWh     | June 21   | 33.39          | -2.8%             | 33.23        | -2.5%             |
| Residential   | Cents/KWh     | June 21   | 34.74          | 0.7%              | 33.83        | -1.8%             |
| Commercial  | Cents/KWh     | June 21   | 32.58          | -5.0%             | 32.87        | -2.9%             |
| Street Lights   | Cents/KWh     | June 21   | 30.80          | -1.6%             | 30.68        | -2.0%             |
| <b>Electricity Production</b>   |               |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies                      | KWH           | June 21   | 89,293,168     | 24.3%             | 487,520,053  | 6.9%              |
| Electricity Generated at the Electric Utility Stations                        | KWH           | June 21   | 67,960,869     | 38.4%             | 376,999,132  | 8.7%              |
| - Generated by Steam  | KWH           | June 21   | 12,635,378     | 18.9%             | 67,802,830   | -2.8%             |
| - Generated by Diesel   | KWH           | June 21   | 55,325,491     | 43.8%             | 309,196,302  | 11.6%             |
| - Generated by Hydro and Wind   | KWH           | June 21   | -              | N/A               | -            | N/A               |
| Electricity Purchased from Independent Power Plant                            | KWH           | June 21   | 24,368,762     | -4.3%             | 128,097,350  | 1.0%              |
| Electricity Used by Electric Utility Stations                                 | KWH           | June 21   | 3,036,463      | 12.3%             | 17,576,429   | 1.2%              |
| <b>Fuel Oil Used by Utility Companies</b>                                     |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 28,182         | 15.7%             | 153,758      | -4.2%             |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 1,964,124      | 73.0%             | 9,482,478    | 3.1%              |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 69.69          | 49.6%             | 61.67        | 7.7%              |
| Month-end price per barrel  | Dollars       | June 21   | 70.72          | 53.4%             | 64.91        | 20.7%             |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.160          | 45.5%             | 0.140        | 7.7%              |
| <b>Diesel Oil Used by Utility Companies</b>                                   |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 86,383         | 45.1%             | 483,536      | 11.8%             |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 7,174,877      | 112.3%            | 35,437,386   | -2.1%             |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 83.06          | 46.3%             | 73.29        | -12.4%            |
| Month-end price per barrel  | Dollars       | June 21   | 87.9           | 58.3%             | 77.62        | 0.4%              |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.130          | 44.4%             | 0.113        | -12.8%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed  | Dollars       | June 21   | -              | N/A               | -            | N/A               |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | -              | N/A               | -            | N/A               |
| Month-end price per barrel  | Dollars       | June 21   | -              | N/A               | -            | N/A               |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | -              | N/A               | -            | N/A               |
| <b>Energy Cost Adjustment Factor</b>  |               |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C | \$/KWH        | August 21 | 0.18648        | 35.3%             | 0.16922      | 4.6%              |

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 Aug - 2021

| Series  | Unit       | Month     | Current Period |                   | Year-to-Date |                   |
|---|------------|-----------|----------------|-------------------|--------------|-------------------|
|   |            |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Electricity Production and Sale by Utility Companies</b>                   |            |           |                |                   |              |                   |
| <b>Electricity Consumers</b>  |            |           |                |                   |              |                   |
| All Sectors   | Consumers  | June 21   | 1,750          | 0.2%              | 1,749        | 0.2%              |
| Residential   | Consumers  | June 21   | 1,495          | 0.2%              | 1,494        | 0.3%              |
| Commercial  | Consumers  | June 21   | 251            | 0.0%              | 251          | 0.0%              |
| Street Lights   | Consumers  | June 21   | 4              | 0.0%              | 4            | 0.0%              |
| <b>Electric Meters</b>  |            |           |                |                   |              |                   |
| All Sectors   | Meters     | June 21   | 1,753          | 0.2%              | 1,752        | 0.2%              |
| Residential   | Meters     | June 21   | 1,495          | 0.2%              | 1,494        | 0.3%              |
| Commercial  | Meters     | June 21   | 257            | 0.0%              | 257          | 0.0%              |
| Street Lights   | Meters     | June 21   | 1              | 0.0%              | 1            | 0.0%              |
| <b>Electricity Sale (KWH Sold)</b>  |            |           |                |                   |              |                   |
| All Sectors   | KWH        | June 21   | 2,944,794      | 19.4%             | 16,856,782   | 10.0%             |
| Residential   | KWH        | June 21   | 717,710        | 2.2%              | 4,318,873    | 5.7%              |
| Commercial  | KWH        | June 21   | 2,216,611      | 26.4%             | 12,474,669   | 11.6%             |
| Street Lights   | KWH        | June 21   | 10,473         | 0.0%              | 63,240       | 0.0%              |
| <b>Net Revenue of Utility Companies</b>                                       |            |           |                |                   |              |                   |
| All Sectors   | Dollars    | June 21   | 1,211,793      | 47.8%             | 6,683,550    | 10.6%             |
| Residential   | Dollars    | June 21   | 295,704        | 29.7%             | 1,700,598    | 8.0%              |
| Commercial  | Dollars    | June 21   | 911,789        | 54.9%             | 4,958,193    | 11.5%             |
| Street Lights   | Dollars    | June 21   | 4,300          | 29.3%             | 24,759       | 2.7%              |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |            |           |                |                   |              |                   |
| All Sectors   | Cents/KWh  | June 21   | 41.15          | 23.7%             | 39.65        | 0.5%              |
| Residential   | Cents/KWh  | June 21   | 41.20          | 26.8%             | 39.38        | 2.2%              |
| Commercial  | Cents/KWh  | June 21   | 41.13          | 22.5%             | 39.75        | -0.1%             |
| Street Lights   | Cents/KWh  | June 21   | 41.06          | 29.3%             | 39.15        | 2.7%              |
| <b>Electricity Production</b>   |            |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies                      | KWH        | June 21   | 3,053,870      | 19.3%             | 17,694,791   | 10.1%             |
| Electricity Generated at the Electric Utility Stations                        | KWH        | June 21   | 3,046,430      | 19.9%             | 17,651,450   | 10.7%             |
| - Generated by Steam  | KWH        | June 21   | -              | N/A               | -            | N/A               |
| - Generated by Diesel   | KWH        | June 21   | 3,046,430      | 19.9%             | 17,651,450   | 10.7%             |
| - Generated by Hydro and Wind   | KWH        | June 21   | -              | N/A               | -            | N/A               |
| Electricity Purchased from Independent Power Plant                            | KWH        | June 21   | 90,219         | -6.6%             | 477,358      | -19.8%            |
| Electricity Used by Electric Utility Stations                                 | KWH        | June 21   | 82,779         | 6.6%              | 489,127      | 4.6%              |
| <b>Fuel Oil Used by Utility Companies</b>                                     |            |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels    | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Month-end price per barrel  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated   | Dollar/KWh | June 21   | 0              | N/A               | N/A          | N/A               |
| <b>Diesel Oil Used by Utility Companies</b>                                   |            |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels    | June 21   | 5,285          | 21.9%             | 30,522       | 12.3%             |
| Total Cost of Oil Consumed  | Dollars    | June 21   | 625,608        | 95.7%             | 3,376,090    | 19.2%             |
| Ave Cost/Bbl of Oil Consumed  | Dollars    | June 21   | 118.37         | 60.5%             | 110.61       | 6.2%              |
| Month-end price per barrel  | Dollars    | June 21   | 122.41         | 54.3%             | 114.72       | 16.1%             |
| Cost of Oil/KWH Generated   | Dollar/KWh | June 21   | 0.210          | 61.5%             | 0.192        | 8.5%              |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |            |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels    | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Month-end price per barrel  | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated   | Dollar/KWh | June 21   | 0              | N/A               | N/A          | N/A               |
| <b>Energy Cost Adjustment Factor</b>  |            |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C | \$/KWH     | August 21 | 0.25269        | 42.3%             | 0.23045      | 14.4%             |

Source:

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

| Monthly Energy Trend: Molokai<br>Month of Aug - 2021                       |            |           |                |                   |              |                   |
|--|------------|-----------|----------------|-------------------|--------------|-------------------|
| Series   | Unit       | Month     | Current Period |                   | Year-to-Date |                   |
|  |            |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Electricity Production and Sale by Utility Companies</b>                |            |           |                |                   |              |                   |
| <b>Electricity Consumers</b>   |            |           |                |                   |              |                   |
| All Sectors  | Consumers  | June 21   | 3,274          | 0.8%              | 3,270        | 0.7%              |
| Residential  | Consumers  | June 21   | 2,723          | 0.7%              | 2,722        | 0.6%              |
| Commercial   | Consumers  | June 21   | 542            | 1.3%              | 540          | 0.9%              |
| Street Lights  | Consumers  | June 21   | 9              | 0.0%              | 9            | -1.9%             |
| <b>Electric Meters</b>   |            |           |                |                   |              |                   |
| All Sectors  | Meters     | June 21   | 3,260          | 0.8%              | 3,257        | 0.7%              |
| Residential  | Meters     | June 21   | 2,723          | 0.7%              | 2,722        | 0.7%              |
| Commercial   | Meters     | June 21   | 537            | 1.3%              | 535          | 0.8%              |
| Street Lights  | Meters     | June 21   | -              | N/A               | -            | N/A               |
| <b>Electricity Sale (KWH Sold)</b>   |            |           |                |                   |              |                   |
| All Sectors  | KWH        | June 21   | 2,475,635      | 2.4%              | 13,834,019   | 0.1%              |
| Residential  | KWH        | June 21   | 959,792        | 8.2%              | 5,534,621    | 2.9%              |
| Commercial   | KWH        | June 21   | 1,478,783      | -0.3%             | 8,079,222    | -1.0%             |
| Street Lights  | KWH        | June 21   | 37,060         | -22.3%            | 220,176      | -21.1%            |
| <b>Net Revenue of Utility Companies</b>                                    |            |           |                |                   |              |                   |
| All Sectors  | Dollars    | June 21   | 923,181        | 20.7%             | 4,997,440    | -5.8%             |
| Residential  | Dollars    | June 21   | 371,523        | 25.9%             | 2,045,130    | -2.7%             |
| Commercial   | Dollars    | June 21   | 538,351        | 18.2%             | 2,876,712    | -7.1%             |
| Street Lights  | Dollars    | June 21   | 13,307         | -6.7%             | 75,598       | -26.3%            |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                |            |           |                |                   |              |                   |
| All Sectors  | Cents/KWh  | June 21   | 37.29          | 17.8%             | 36.12        | -5.9%             |
| Residential  | Cents/KWh  | June 21   | 38.71          | 16.3%             | 36.95        | -5.5%             |
| Commercial   | Cents/KWh  | June 21   | 36.41          | 18.5%             | 35.61        | -6.2%             |
| Street Lights  | Cents/KWh  | June 21   | 35.91          | 20.1%             | 34.34        | -6.6%             |
| <b>Electricity Production</b>  |            |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies                   | KWH        | June 21   | 2,683,613      | 1.7%              | 15,162,587   | 0.2%              |
| Electricity Generated at the Electric Utility Stations                     | KWH        | June 21   | 2,789,860      | 1.7%              | 15,788,040   | 0.3%              |
| - Generated by Steam   | KWH        | June 21   | -              | N/A               | -            | N/A               |
| - Generated by Diesel  | KWH        | June 21   | 2,789,860      | 1.7%              | 15,788,040   | 0.3%              |
| - Generated by Hydro and Wind  | KWH        | June 21   | -              | N/A               | -            | N/A               |
| Electricity Purchased from Independent Power Plant                         | KWH        | June 21   | 498            | 6.2%              | 2,925        | 6.4%              |
| Electricity Used by Electric Utility Stations                              | KWH        | June 21   | 106,745        | 0.7%              | 628,375      | 1.2%              |
| <b>Fuel Oil Used by Utility Companies</b>                                  |            |           |                |                   |              |                   |
| Barrels of Oil Consumed  | Barrels    | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Month-end price per barrel   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated  | Dollar/KWH | June 21   | 0              | N/A               | N/A          | N/A               |
| <b>Diesel Oil Used by Utility Companies</b>                                |            |           |                |                   |              |                   |
| Barrels of Oil Consumed  | Barrels    | June 21   | 4,845          | 3.7%              | 27,130       | 2.8%              |
| Total Cost of Oil Consumed   | Dollars    | June 21   | 403,676        | 45.6%             | 2,122,639    | -8.5%             |
| Ave Cost/Bbl of Oil Consumed   | Dollars    | June 21   | 83.32          | 40.4%             | 78.24        | -11.0%            |
| Month-end price per barrel   | Dollars    | June 21   | 88.95          | 85.2%             | 81.82        | -2.9%             |
| Cost of Oil/KWH Generated  | Dollar/KWH | June 21   | 0.140          | 40.0%             | 0.132        | -11.2%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                             |            |           |                |                   |              |                   |
| Barrels of Oil Consumed  | Barrels    | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Month-end price per barrel   | Dollars    | June 21   | 0              | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated  | Dollar/KWH | June 21   | 0              | N/A               | N/A          | N/A               |
| <b>Energy Cost Adjustment Factor</b>                                       |            |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C | \$/KWH     | August 21 | 0.21572        | 79.6%             | 0.17424      | 3.4%              |

Source:

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

| Monthly Energy Trend: Hawaii  |               |           |                |                   |              |                   |
|---|---------------|-----------|----------------|-------------------|--------------|-------------------|
| Month of Aug - 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 | August 21 | 4.126          | 18.7%             | 3.861        | 8.6%              |
| Gasoline - Mid Grade  | \$ per Gallon | August 21 | 4.330          | 17.8%             | 4.059        | 8.3%              |
| Gasoline - Premium  | \$ per Gallon | August 21 | 4.575          | 15.7%             | 4.323        | 7.7%              |
| Diesel  | \$ per Gallon | August 21 | 4.374          | 7.3%              | 4.267        | 2.9%              |
| <b>Foreign Imports</b>  |               |           |                |                   |              |                   |
| Crude Oil   | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Distillate  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil   | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Propane   | 1000 Barrels  | June 21   | 24             | -4.0%             | 144          | 17.1%             |
| Fuel Ethanol  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products  | 1000 Barrels  | June 21   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>   |               |           |                |                   |              |                   |
| Gasoline  | Gallons       | June 21   | 6,980,106      | 31.7%             | 38,890,765   | 12.5%             |
| Diesel Oil (non-hwy)  | Gallons       | June 21   | 2,361,648      | -21.5%            | 15,849,698   | -8.3%             |
| Diesel Oil (hwy use)  | Gallons       | June 21   | 997,177        | 17.0%             | 5,709,083    | 8.7%              |
| LPG (off hwy)   | Gallons       | June 21   | -              | -                 | -            | -                 |
| LPG (hwy use)   | Gallons       | June 21   | 36             | -29.4%            | 292          | -72.7%            |
| Small Boat (gas)  | Gallons       | June 21   | 30,049         | 45.4%             | 164,256      | 12.1%             |
| Small Boat (diesel)   | Gallons       | June 21   | -              | N/A               | -            | N/A               |
| Aviation Fuel   | Gallons       | June 21   | 4,334,566      | 349.5%            | 21,124,154   | 49.6%             |
| Other Fuel  | Gallons       | June 21   | 1,646,256      | 60.8%             | 5,558,194    | -19.1%            |
| Agricultural Refund   | Gallons       | June 21   | -              | N/A               | 58,918       | 36.6%             |
| <b>Registered Vehicles, Taxable</b>   |               |           |                |                   |              |                   |
| Passenger, Electric   | Vehicle       | August 21 | 1,108          | 33.7%             | 1,005        | 30.0%             |
| Passenger, Diesel   | Vehicle       | August 21 | 2,792          | -1.4%             | 2,767        | -3.4%             |
| Passenger, Gasoline   | Vehicle       | August 21 | 178,413        | -1.4%             | 177,848      | -2.3%             |
| Passenger, Hybrid   | Vehicle       | August 21 | 2,967          | -0.4%             | 2,934        | -2.1%             |
| Passenger, Misc Fuel  | Vehicle       | August 21 | 51             | -70.2%            | 48           | -72.5%            |
| Freight, Electric   | Vehicle       | August 21 | -              | N/A               | -            | N/A               |
| Freight, Diesel   | Vehicle       | August 21 | 6,979          | 1.3%              | 6,951        | 0.8%              |
| Freight, Gasoline   | Vehicle       | August 21 | 7,053          | -1.8%             | 6,979        | -3.7%             |
| Freight, Hybrid   | Vehicle       | August 21 | 4              | 33.3%             | 5            | 50.0%             |
| Freight, Misc Fuel  | Vehicle       | August 21 | 3              | -25.0%            | 3            | -20.6%            |
| <b>Electricity Production and Sale by Utility Companies</b>                   |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>  |               |           |                |                   |              |                   |
| All Sectors   | Consumers     | June 21   | 87,696         | 0.8%              | 87,503       | 0.8%              |
| Residential   | Consumers     | June 21   | 76,223         | 0.8%              | 76,076       | 0.9%              |
| Commercial  | Consumers     | June 21   | 11,309         | 0.5%              | 11,264       | 0.1%              |
| Street Lights   | Consumers     | June 21   | 164            | -1.2%             | 163          | -1.2%             |
| <b>Electric Meters</b>  |               |           |                |                   |              |                   |
| All Sectors   | Meters        | June 21   | 87,322         | 0.8%              | 87,130       | 0.7%              |
| Residential   | Meters        | June 21   | 76,223         | 0.8%              | 76,077       | 0.9%              |
| Commercial  | Meters        | June 21   | 11,061         | 0.5%              | 11,015       | -0.1%             |
| Street Lights   | Meters        | June 21   | 38             | 0.0%              | 38           | 0.0%              |
| <b>Electricity Sale (KWH Sold)</b>  |               |           |                |                   |              |                   |
| All Sectors   | KWH           | June 21   | 87,352,376     | 14.5%             | 501,014,891  | 5.2%              |
| Residential   | KWH           | June 21   | 36,625,718     | 16.4%             | 214,238,172  | 7.6%              |
| Commercial  | KWH           | June 21   | 50,523,697     | 13.3%             | 285,571,240  | 3.5%              |
| Street Lights   | KWH           | June 21   | 202,961        | 1.5%              | 1,205,479    | 1.5%              |
| <b>Net Revenue of Utility Companies</b>                                       |               |           |                |                   |              |                   |
| All Sectors   | Dollars       | June 21   | 30,622,620     | 20.6%             | 174,145,369  | 5.4%              |
| Residential   | Dollars       | June 21   | 13,661,703     | 24.8%             | 78,283,015   | 8.7%              |
| Commercial  | Dollars       | June 21   | 16,889,103     | 17.6%             | 95,439,768   | 2.9%              |
| Street Lights   | Dollars       | June 21   | 71,814         | 2.5%              | 422,586      | -2.6%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |               |           |                |                   |              |                   |
| All Sectors   | Cents/KWh     | June 21   | 35.06          | 5.3%              | 34.76        | 0.2%              |
| Residential   | Cents/KWh     | June 21   | 37.30          | 7.2%              | 36.54        | 1.1%              |
| Commercial  | Cents/KWh     | June 21   | 33.43          | 3.8%              | 33.42        | -0.6%             |
| Street Lights   | Cents/KWh     | June 21   | 35.38          | 1.0%              | 35.06        | -4.1%             |
| <b>Electricity Production</b>   |               |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies                      | KWH           | June 21   | 92,567,100     | 13.5%             | 531,916,314  | 4.9%              |
| Electricity Generated at the Electric Utility Stations                        | KWH           | June 21   | 37,299,664     | -27.9%            | 282,648,852  | -11.3%            |
| - Generated by Steam  | KWH           | June 21   | 14,223,152     | -27.8%            | 90,097,646   | -17.7%            |
| - Generated by Diesel   | KWH           | June 21   | 22,824,352     | -28.6%            | 187,888,376  | -8.0%             |
| - Generated by Hydro and Wind   | KWH           | June 21   | 252,160        | 172.9%            | 4,662,830    | -1.6%             |
| Electricity Purchased from Independent Power Plant                            | KWH           | June 21   | 57,507,406     | 78.5%             | 263,581,602  | 29.6%             |
| Electricity Used by Electric Utility Stations                                 | KWH           | June 21   | 2,239,970      | -8.0%             | 14,314,140   | -3.2%             |
| <b>Fuel Oil Used by Utility Companies</b>                                     |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 29,618         | -25.6%            | 189,280      | -14.9%            |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 2,174,907      | 16.9%             | 12,255,832   | -5.9%             |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 73.43          | 57.0%             | 64.75        | 10.5%             |
| Month-end price per barrel  | Dollars       | June 21   | 72.88          | 56.4%             | 64.76        | 10.5%             |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.150          | 66.7%             | 0.137        | 13.9%             |
| <b>Diesel Oil Used by Utility Companies</b>                                   |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | 39,510         | -23.0%            | 314,600      | -2.9%             |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 3,427,202      | 32.3%             | 23,815,612   | -7.2%             |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 86.74          | 71.8%             | 75.70        | -4.4%             |
| Month-end price per barrel  | Dollars       | June 21   | 83.78          | 75.9%             | 73.00        | -4.3%             |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.180          | 80.0%             | 0.153        | -1.1%             |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |               |           |                |                   |              |                   |
| Barrels of Oil Consumed   | Barrels       | June 21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed  | Dollars       | June 21   | 0              | N/A               | 44,348       | N/A               |
| Ave Cost/Bbl of Oil Consumed  | Dollars       | June 21   | 0.00           | N/A               | 44,348.00    | N/A               |
| Month-end price per barrel  | Dollars       | June 21   | 0.00           | N/A               | 44,348.00    | N/A               |
| Cost of Oil/KWH Generated   | Dollar/KWh    | June 21   | 0.000          | N/A               | 44,348.000   | 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        | August 21 | 0.18134        | 26.0%             | 0.15941      | 11.0%             |

Source:

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



Monthly Energy Trend: Kauai  
Month of Aug - 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 | August-21 | 4.324          | 20.3%             | 3.995        | 9.2%              |
| Gasoline - Mid Grade  | \$ per Gallon | August-21 | 4.580          | 19.3%             | 4.192        | 7.0%              |
| Gasoline - Premium  | \$ per Gallon | August-21 | 4.702          | 21.4%             | 4.335        | 9.3%              |
| Diesel  | \$ per Gallon | August-21 | 4.726          | 11.3%             | 4.542        | 7.0%              |
| <b>Foreign Imports</b>                                      |               |           |                |                   |              |                   |
| Crude Oil   | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| Distillate  | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene  | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil   | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| Propane   | 1000 Barrels  | June-21   | 18             | 63.6%             | 90           | 21.6%             |
| Fuel Ethanol  | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products                            | 1000 Barrels  | June-21   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>                                 |               |           |                |                   |              |                   |
| Gasoline  | Gallons       | June 21   | 2,586,937      | 39.2%             | 12,597,031   | 6.6%              |
| Diesel Oil (non-hwy)  | Gallons       | June 21   | 579,036        | 306.2%            | 2,048,304    | 26.5%             |
| Diesel Oil (hwy use)  | Gallons       | June 21   | 289,100        | 10.3%             | 1,526,480    | 10.3%             |
| LPG (off hwy)   | Gallons       | June 21   | -              | -                 | -            | -                 |
| LPG (hwy use)   | Gallons       | June 21   | 25             | -86.5%            | 319          | -19.8%            |
| Small Boat (gas)  | Gallons       | June 21   | -              | N/A               | -            | N/A               |
| Small Boat (diesel)   | Gallons       | June 21   | -              | N/A               | -            | N/A               |
| Aviation Fuel   | Gallons       | June 21   | 2,422,780      | 2930.6%           | 5,694,806    | -26.6%            |
| Other Fuel  | Gallons       | June 21   | 960,572        | 229.1%            | 5,158,920    | 1.5%              |
| Agricultural Refund   | Gallons       | June 21   | -              | N/A               | 14,086       | -27.6%            |
| <b>Registered Vehicles, Taxable</b>                         |               |           |                |                   |              |                   |
| Passenger, Electric   | Vehicle       | August-21 | 480            | 31.9%             | 440          | 23.8%             |
| Passenger, Diesel   | Vehicle       | August-21 | 896            | -4.9%             | 886          | -8.3%             |
| Passenger, Gasoline   | Vehicle       | August-21 | 73,679         | -3.8%             | 73,616       | -4.9%             |
| Passenger, Hybrid   | Vehicle       | August-21 | 1,007          | -3.2%             | 990          | -6.4%             |
| Passenger, Misc Fuel  | Vehicle       | August-21 | 12             | -85.0%            | 13           | -84.2%            |
| Freight, Electric   | Vehicle       | August-21 | 1              | N/A               | 1            | N/A               |
| Freight, Diesel   | Vehicle       | August-21 | 2,300          | 0.0%              | 2,304        | 1.0%              |
| Freight, Gasoline   | Vehicle       | August-21 | 1,995          | 1.9%              | 1,978        | 2.3%              |
| Freight, Hybrid   | Vehicle       | August-21 | 1              | 0.0%              | 1            | -50.0%            |
| Freight, Misc Fuel  | Vehicle       | August-21 | 1              | 0.0%              | 1            | 0.0%              |
| <b>Electricity Production and Sale by Utility Companies</b> |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                |               |           |                |                   |              |                   |
| All Sectors   | Consumers     | July-21   | 38,625         | 0.8%              | 38,544       | 1.0%              |
| Residential   | Consumers     | July-21   | 29,821         | 1.1%              | 29,767       | 1.2%              |
| Commercial  | Consumers     | July-21   | 5,038          | -0.3%             | 5,011        | 0.4%              |
| Street Lights   | Consumers     | July-21   | 3,766          | 0.0%              | 3,766        | 0.0%              |
| <b>Electric Meters</b>                                      |               |           |                |                   |              |                   |
| All Sectors   | Meters        | July-21   | 38,625         | 0.8%              | 38,544       | 1.0%              |
| Residential   | Meters        | July-21   | 29,821         | 1.1%              | 29,767       | 1.2%              |
| Commercial  | Meters        | July-21   | 5,038          | -0.3%             | 5,011        | 0.4%              |
| Street Lights   | Meters        | July-21   | 3,766          | 0.0%              | 3,766        | 0.0%              |
| <b>Electricity Sale (KWH Sold)</b>                          |               |           |                |                   |              |                   |
| All Sectors   | KWH           | July-21   | 41,079,212     | 17.7%             | 241,857,018  | 1.6%              |
| Residential   | KWH           | July-21   | 17,456,030     | 21.8%             | 104,542,564  | 5.3%              |
| Commercial  | KWH           | July-21   | 23,558,978     | 15.0%             | 136,865,026  | -1.0%             |
| Street Lights   | KWH           | July-21   | 64,204         | -0.1%             | 449,428      | 0.0%              |
| <b>Net Revenue of Utility Companies</b>                     |               |           |                |                   |              |                   |
| All Sectors   | Dollars       | July-21   | 14,094,714     | 24.6%             | 84,377,971   | 8.4%              |
| Residential   | Dollars       | July-21   | 6,175,830      | 28.1%             | 37,478,507   | 11.5%             |
| Commercial  | Dollars       | July-21   | 7,862,229      | 22.2%             | 46,502,416   | 6.1%              |
| Street Lights   | Dollars       | July-21   | 56,655         | 3.2%              | 397,048      | 2.0%              |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b> |               |           |                |                   |              |                   |
| All Sectors   | Cents/KWh     | July-21   | 34.31          | 5.9%              | 34.89        | 6.7%              |
| Residential   | Cents/KWh     | July-21   | 35.38          | 5.2%              | 35.85        | 5.9%              |
| Commercial  | Cents/KWh     | July-21   | 33.37          | 6.3%              | 33.98        | 7.1%              |
| Street Lights   | Cents/KWh     | July-21   | 88.24          | 3.3%              | 88.35        | 2.0%              |
| <b>Electricity Production</b>                               |               |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies    | KWH           | July-21   | 45,379,357     | 15.8%             | 255,511,605  | 2.1%              |
| Electricity Generated at the Electric Utility Stations      | KWH           | July-21   | 19,438,336     | 44.1%             | 96,625,689   | -5.7%             |
| - Generated by Steam  | KWH           | July-21   | -              | N/A               | -            | #DIV/0!           |
| - Generated by Diesel                                       | KWH           | July-21   | 19,061,816     | 42.8%             | 95,571,985   | -4.9%             |
| - Generated by Hydro and Wind                               | KWH           | July-21   | 376,520        | 174.9%            | 1,053,704    | -47.4%            |
| Electricity Purchased from Independent Power Plant          | KWH           | July-21   | 26,475,605     | 2.7%              | 160,570,046  | 7.7%              |
| Electricity Used by Electric Utility Stations               | KWH           | July-21   | 534,584        | 428.9%            | 1,684,130    | 22.7%             |
| <b>Fuel Oil Used by Utility Companies</b>                   |               |           |                |                   |              |                   |
| Barrels of Oil Consumed                                     | Barrels       | July-21   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed                                  | Dollars       | July-21   | 0.00           | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | July-21   | 0.00           | N/A               | N/A          | N/A               |
| Month-end price per barrel                                  | Dollars       | July-21   | 0.00           | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | July-21   | 0.00           | N/A               | N/A          | N/A               |
| <b>Diesel Oil Used by Utility Companies</b>                 |               |           |                |                   |              |                   |
| Barrels of Oil Consumed                                     | Barrels       | July-21   | 33,834         | 40.4%             | 173,587      | -2.1%             |
| Total Cost of Oil Consumed                                  | Dollars       | July-21   | 2,935,131      | 134.0%            | 13,759,983   | 17.6%             |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | July-21   | 86.75          | 66.7%             | 79.27        | 20.1%             |
| Month-end price per barrel                                  | Dollars       | July-21   | 104.12         | 53.1%             | 95.24        | 26.4%             |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | July-21   | 0.154          | 63.9%             | 0.143        | 26.4%             |
| <b>Energy Cost Adjustment Factor</b>                        |               |           |                |                   |              |                   |
| Schedule D, G, J, L, P, SL                                  | \$/KWH        | August-21 | -0.00554       | -82.5%            | -0.00595     | -81.4%            |

Source:

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