

The Calculation of the Fuel Cost Adjustment Unit Price and the Electricity Rates for July 2022 (Kanto Area)

1. The calculation of the Average Fuel Price

- ① Calculate the 3-month average fuel price for each fuel type (i.e. crude oil, LNG, and coal).
- ② Multiply the average fuel prices in ① above by the respective conversion factors, and add all the numbers together.

(Below are the prices provided in the Trade Statistics of Japan published by the Ministry of Finance Japan)

	Jan. - Mar. 2012 (at the time of rate revision)	Jan. 2022 - Mar. 2022 (for Jun. 2022)	Feb. 2022- Apr. 2022 (for Jul. 2022)			
			Average	Feb. 2022	Mar. 2022	Apr. 2022
Crude Oil (JPY/kl)	57,802	62,386	71,321	62,660	66,928	83,246
LNG (JPY/ t)	67,548	88,182	93,914	95,033	87,497	99,976
Coal (JPY/ t)	11,452	22,402	25,443	22,537	23,800	30,905
Average Fuel Price(JPY/kl)	44,200	57,000				

(detailed data) (detailed data) (preliminary data)

< Conversion Factor >
Crude Oil Conversion Factor
× Caloric Component Ratio

Crude Oil Price	71,321 JPY/kl	×	0.1970 (α)
LNG Price	93,914 JPY/ t	×	0.4435 (β)
Coal Price	25,443 JPY/ t	×	0.2512 (γ)

+)

Average Fuel Price

↓ (Maximum unit: 100 JPY) Rounded off to the nearest 10
(compared with the previous period: + 5,100 JPY/kl)

62,100 JPY/kl

2. The calculation of the Fuel Cost Adjustment Unit Price (in the case of Low-Voltage Supply)

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price} &= \left(\frac{\text{Average Fuel Price}}{62,100 \text{ JPY/kl}} - \frac{\text{Basic Fuel Price}}{44,200 \text{ JPY/kl}} \right) \times \frac{\text{Basic Unit Price}}{0.232 \text{ JPY/kWh}} \\
 &= \frac{1,000}{1,000} \\
 &= 4.1528 \text{ JPY/kWh} \\
 &\downarrow \text{(rounded off to two decimal places)} \\
 &= 4.15 \text{ JPY/kWh}
 \end{aligned}$$

3. The calculation of the Electricity Rates for July 2022 (in the case of the average model)

*The fuel cost adjustment price, which is calculated by multiplying the fuel cost adjustment unit price by the amount of power consumed, is included in the electricity rates.

Example: For the customers of 30A meter-rate lighting B with 260kWh of electricity consumption per month.

Automatic bank transfer discount included.

Demand Charge	+	<p style="text-align: center;">Energy Charge</p> <p>19.88 JPY/kWh × 120kWh</p> <p>26.48 JPY/kWh × 140kWh</p> <p style="text-align: center;">+</p> <p style="text-align: center;">Fuel Cost Adjustment</p> <p style="text-align: center;">Fuel Cost Adjustment Unit Price × Consumption</p> <p style="text-align: center;">4.15 JPY/kWh × 260kWh</p>	+	Renewable Energy Promotion Surcharge	-	Automated Bank Transfer Discount	
858.00 JPY				897 JPY		55 JPY	=
							8,871 JPY

• The calculated electricity rates above include a consumption tax and other costs.