

The Calculation of the Fuel Cost Adjustment Unit Price and the Electricity Rates for June 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)	Dec. 2021 - Feb. 2022 (for May 2022)	Jan. 2022- Mar. 2022 (for Jun. 2022)			
			Average	Jan. 2022	Feb. 2022	Mar. 2022
Crude Oil (JPY/kl)	57,802	59,711	62,386	57,609	62,660	66,887
LNG (JPY/ t)	67,548	87,421	88,182	82,022	95,033	87,123
Coal (JPY/ t)	11,452	21,671	22,402	20,926	22,537	23,737
Average Fuel Price(JPY/kl)	44,200	56,000				

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

	Crude Oil Price 62,386 JPY/kl	×	0.1970		(α)
	LNG Price 88,182 JPY/ t	×	0.4435		(β)
+)	Coal Price 22,402 JPY/ t	×	0.2512		(γ)

(Maximum unit: 100 JPY) Rounded off to the nearest 10

Average Fuel Price	57,000 JPY/kl	
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(compared with the previous period: + 1,000JPY/kl)

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

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price} &= \left(\frac{\text{Average Fuel Price}}{1,000} - \frac{\text{Basic Fuel Price}}{1,000} \right) \times \frac{\text{Basic Unit Price}}{1,000} \\
 &= \left(\frac{57,000 \text{ JPY/kl}}{1,000} - \frac{44,200 \text{ JPY/kl}}{1,000} \right) \times \frac{0.232 \text{ JPY/kWh}}{1,000} \\
 &= \frac{2.9696 \text{ JPY/kWh}}{1,000} \\
 &\downarrow \text{(rounded off to two decimal places)} \\
 &= \frac{2.97 \text{ JPY/kWh}}{1,000}
 \end{aligned}$$

3. The calculation of the Electricity Rates for June 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 858.00 JPY	+	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Energy Charge</td> </tr> <tr> <td style="text-align: center;">19.88 JPY/kWh</td> <td style="text-align: center;">× 120kWh</td> </tr> <tr> <td style="text-align: center;">26.48 JPY/kWh</td> <td style="text-align: center;">× 140kWh</td> </tr> <tr> <td colspan="2" style="text-align: center;">+</td> </tr> <tr> <td colspan="2" style="text-align: center;">Fuel Cost Adjustment</td> </tr> <tr> <td style="text-align: center;">Fuel Cost Adjustment Unit Price 2.97 JPY/kWh</td> <td style="text-align: center;">Consumption × 260kWh</td> </tr> </table>	Energy Charge		19.88 JPY/kWh	× 120kWh	26.48 JPY/kWh	× 140kWh	+		Fuel Cost Adjustment		Fuel Cost Adjustment Unit Price 2.97 JPY/kWh	Consumption × 260kWh	+	Renewable Energy Promotion Surcharge 897 JPY	-	Automated Bank Transfer Discount 55 JPY
Energy Charge																		
19.88 JPY/kWh	× 120kWh																	
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Fuel Cost Adjustment Unit Price 2.97 JPY/kWh	Consumption × 260kWh																	
						= 8,565 JPY												

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