

The Calculation of the Fuel Cost Adjustment Unit Price and the Electricity Rates for October 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)	Apr. 2022 - Jun. 2022 (for Sep. 2022)	May 2022 - Jul. 2022 (for Oct. 2022)			
			Average	May 2022	June 2022	July 2022
Crude Oil (JPY/kl)	57,802	88,732	94,284	87,634	95,877	99,666
LNG (JPY/t)	67,548	101,844	110,677	104,407	101,216	125,446
Coal (JPY/t)	11,452	38,217	45,073	38,291	45,027	51,303

<b>Average Fuel Price (JPY/kl)</b>	44,200	72,200		
	(Basic Fuel Price)		↓	
Crude Oil Price	94,284 JPY/kl		×	0.1970 (α)
LNG Price	110,677 JPY/t		×	0.4435 (β)
+) Coal Price	45,073 JPY/t		×	0.2512 (γ)
<b>Average Fuel Price</b>	<b>79,000 JPY/kl</b>		↓	(Maximum unit: 100 JPY) Rounded off to the nearest 10 (compared with the previous period : +6,800JPY/kl)

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

Subtract the basic fuel price from the average fuel price and then multiply the result by the basic unit price to calculate the fuel cost adjustment unit price.

(1) Contracts for which specified retail supply agreements apply

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price}^* &= ( \text{Average Fuel Price} - \text{Basic Fuel Price} ) \times \text{Basic Unit Price} \\
 &= ( 66,300 \text{ JPY/kl} - 44,200 \text{ JPY/kl} ) \times \frac{0.232 \text{ JPY/kWh}}{1,000 \text{ JPY}} \\
 &= 5.1272 \text{ JPY/kWh} \\
 &\quad \downarrow \text{(rounded off to two decimal places)} \\
 &= 5.13 \text{ JPY/kWh}
 \end{aligned}$$

\* Calculated based on the average fuel price of 66,300 yen/kl because the average fuel price exceeded the maximum price (66,300 yen/kl)

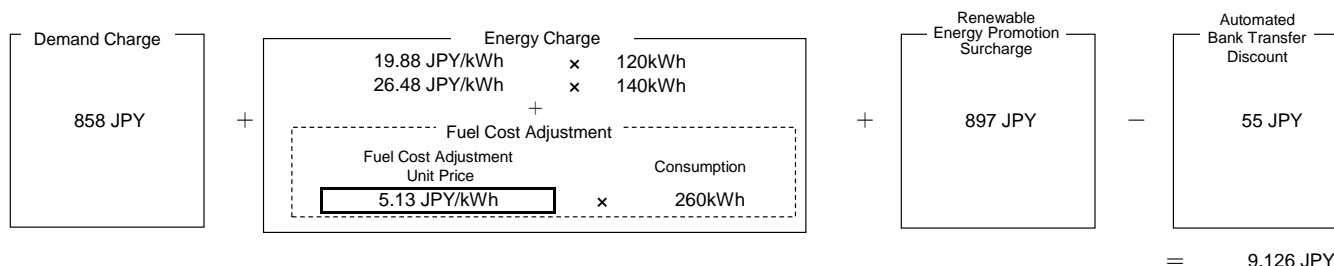
(2) Contracts for which electricity supply/demand agreements (low voltage) apply

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price} &= ( \text{Average Fuel Price} - \text{Basic Fuel Price} ) \times \text{Basic Unit Price} \\
 &= ( 79,000 \text{ JPY/kl} - 44,200 \text{ JPY/kl} ) \times \frac{0.232 \text{ JPY/kWh}}{1,000 \text{ JPY}} \\
 &= 8.0736 \text{ JPY/kWh} \\
 &\quad \downarrow \text{(rounded off to two decimal places)} \\
 &= 8.07 \text{ JPY/kWh}
 \end{aligned}$$

3. The calculation of the Electricity Rates for October 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.



\* The calculated electricity rate above includes a consumption tax and other costs.