

The Calculation of the Fuel Cost Adjustment Unit Price and the Electricity Rates for November 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)	May 2022 - July 2022 (for Oct. 2022)	Jun. 2022 - Aug. 2022 (for Nov. 2022)			
			Average	June 2022	July 2022	August 2022
Crude Oil (JPY/kl)	57,802	94,284	96,918	95,877	99,579	95,610
LNG (JPY/t)	67,548	110,677	123,030	101,216	126,937	139,371
Coal (JPY/t)	11,452	45,073	49,450	45,027	51,329	51,172

Average Fuel Price (JPY/kl)	44,200	79,000		
	(Basic Fuel Price)			
		↓		
Crude Oil Price	96,918 JPY/kl	×	0.1970	(α)
LNG Price	123,030 JPY/t	×	0.4435	(β)
+) Coal Price	49,450 JPY/t	×	0.2512	(γ)
↓ (Maximum unit: 100 JPY) Rounded off to the nearest 10				
Average Fuel Price	86,100 JPY/kl			(compared with the previous period : +7,100JPY/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

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

* 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)

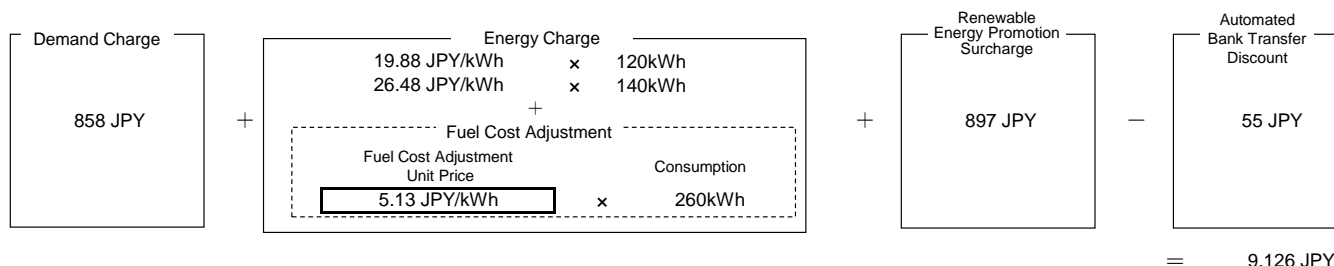
(2) Contracts for which electricity supply/demand agreements (low voltage) apply

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price} &= (\text{Average Fuel Price} - \text{Basic Fuel Price}) \times \frac{\text{Basic Unit Price}}{1,000 \text{ JPY}} \\
 &= (86,100 \text{ JPY/kl} - 44,200 \text{ JPY/kl}) \times \frac{0.232 \text{ JPY/kWh}}{1,000 \text{ JPY}} \\
 &= 9.7208 \text{ JPY/kWh} \\
 &\quad \downarrow \text{(rounded off to two decimal places)} \\
 &= 9.72 \text{ JPY/kWh}
 \end{aligned}$$

3. The calculation of the Electricity Rates for November 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.