

The Calculation of the Fuel Cost Adjustment Unit Price and the Electricity Rates for September 2021 (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) | Mar. 2021 - May 2021 (for Aug. 2021) | Apr. 2021- Jun. 2021 (for September 2021) | | | |
|--------------------|--|---|---|-----------|----------|-----------|
| | | | Average | Apr. 2021 | May 2021 | Jun. 2021 |
| Crude Oil (JPY/kl) | 57,802 | 43,982 | 46,036 | 45,700 | 44,881 | 47,596 |
| LNG (JPY/ t) | 67,548 | 43,961 | 47,727 | 43,882 | 47,295 | 51,454 |
| Coal (JPY/ t) | 11,452 | 10,682 | 11,484 | 10,785 | 11,416 | 12,278 |

Average Fuel Price(JPY/kl) 44,200 30,800 (detailed data) (detailed data) (preliminary data)

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

| | | | | | | |
|-----|-----------------|--------|--------|---|--------|-----|
| | Crude Oil Price | 46,036 | JPY/kl | × | 0.1970 | (α) |
| | LNG Price | 47,727 | JPY/ t | × | 0.4435 | (β) |
| +) | Coal Price | 11,484 | JPY/ t | × | 0.2512 | (γ) |

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

Average Fuel Price 33,100 JPY/kl (compared with the previous period: + 2,300JPY/kl)

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

$$\begin{aligned}
 \text{Fuel Cost Adjustment Unit Price} &= \left(\text{Average Fuel Price} - \text{Basic Fuel Price} \right) \times \frac{\text{Basic Unit Price}}{1,000} \\
 &= \left(33,100 \text{ JPY/kl} - 44,200 \text{ JPY/kl} \right) \times \frac{0.232 \text{ JPY/kWh}}{1,000} \\
 &= -2.5752 \text{ JPY/kWh} \\
 &\quad \downarrow \text{(rounded off to two decimal places)} \\
 &= -2.58 \text{ JPY/kWh}
 \end{aligned}$$

3. The calculation of the Electricity Rates for September 2021 (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 | | Energy Charge | | Renewable Energy Promotion Surcharge | | Automated Bank Transfer Discount | | | | | | | | | | | | |
| 858.00 JPY | + | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">19.88 JPY/kWh × 120kWh</td> <td style="width: 50%;"></td> </tr> <tr> <td>26.48 JPY/kWh × 140kWh</td> <td></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="border: 1px dashed black; padding: 2px;">Fuel Cost Adjustment Unit Price</td> <td style="border: 1px dashed black; padding: 2px;">Consumption</td> </tr> <tr> <td style="border: 1px dashed black; padding: 2px; text-align: center;">-2.58 JPY/kWh</td> <td style="border: 1px dashed black; padding: 2px; text-align: center;">× 260kWh</td> </tr> </table> | 19.88 JPY/kWh × 120kWh | | 26.48 JPY/kWh × 140kWh | | + | | Fuel Cost Adjustment | | Fuel Cost Adjustment Unit Price | Consumption | -2.58 JPY/kWh | × 260kWh | + | 873 JPY | - | 55 JPY |
| 19.88 JPY/kWh × 120kWh | | | | | | | | | | | | | | | | | | |
| 26.48 JPY/kWh × 140kWh | | | | | | | | | | | | | | | | | | |
| + | | | | | | | | | | | | | | | | | | |
| Fuel Cost Adjustment | | | | | | | | | | | | | | | | | | |
| Fuel Cost Adjustment Unit Price | Consumption | | | | | | | | | | | | | | | | | |
| -2.58 JPY/kWh | × 260kWh | | | | | | | | | | | | | | | | | |
| = 7,098 JPY | | | | | | | | | | | | | | | | | | |

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