## Calculation of Fuel Cost Adjusted Unit Price and Electricity Rates for February 2013

## 1. Average Fuel Price Calculation

Calculate a 3-month average fuel prices by fuel types (crude oil, LNG, and coal).

Calculate average fuel price using above three figures and conversion factor.

(trade statistics prices published by Ministry of Finance Japan)

		JanMar. 2012	Aug Oct. 201	Sep. 2012 - Nov. 20			12 (for February 2013)	
		(Rate Revision)	(for Dec. 2012	) Ave	rage	Sep. 2012	Oct. 2012	Nov. 2012
Crude Oil	(JPY/kl)	57,802	54,040	56,	241	55,104	56,919	57,176
LNG	(JPY/t)	67,548	68,158	64,	918	68,433	62,878	63,200
Coal	(JPY/t)	11,452	9,906	9,8	333	9,990	9,819	9,686
Average Fuel Price(JPY/kl)		44,200	43,400			(fixed)	(fixed)	(flash)
(basic fuel price)				<del></del>	Conversion Factor >			
	Crude	e Oil Price		56,241	JPY/k	×	0.1970	(a)
	LNG	Price		64,918	JPY/	t ×	0.4435	(β)
	Coal	Price		9,833	JPY/	t ×	0.2512	(γ)
_				$\downarrow$ ( rounded off to 100 JPY )				
Average Fuel Price				42,300	2,300 JPY/kl (compa		ared with the previous period: -1100Y/	

## 2. Fuel Cost Adjusted Unit Price Calculation (Low-Voltage Supply)

Fuel Cost Adjusted Unit Price = ( 
$$42,300 \text{ JPY/kl}$$
 -  $44,200 \text{ JPY/kl}$  ) ×  $\frac{\text{*Basic Fuel Price}}{0.222 \text{ JPY/kWh}}$ 

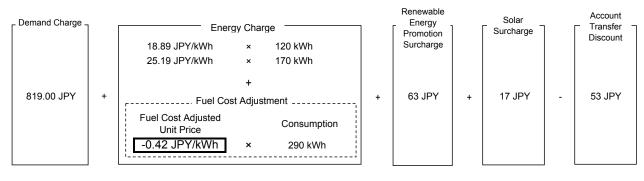
$$= \frac{-0.4218 \text{ JPY/kWh}}{\sqrt{\text{rounded off to the hundredth }}}$$

## 3. Electricity Rates Calculation for February 2013 (averaged model)

The fuel cost adjusted price, which is the fuel cost adjusted unit price multiplied by consumption, is added to calculate the electricity rate.

In case of 30A meter-rate lighting B and 290kWh of electricity consumption per month.

A reduction by automatic bank transfer discount included.



= 7,273 JPY/kl

<sup>\*</sup> tax included