## Calculation of Fuel Cost Adjusted Unit Price and Electricity Rates for May 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)

	Jan Mar. 2012 Nov. 2012 - Jan. 2013					Dec. 2012 - Feb. 2013 (for May 2013)					
(R		(Rate Revision)	(for Apr. 2013)		Average		Dec. 2012		Jan. 2013	Feb. 2013	
Crude Oil	(JPY/kl)	57,802	59,038		61,612		58,538		61,317	65,134	
LNG	(JPY/t)	67,548	68,399		73,522		67,210		73,723	79,765	
Coal	(JPY/t)	11,452	10,011		10,439		9,925		10,477	10,909	
Average Fuel I	Price(JPY/kl)	44,200	44,500				(fixed)		(fixed)	(flash)	
(basic fuel price)								<ul> <li>Conversion Factor &gt;         <ul> <li>Crude Oil Conversion Factor</li> <li>× Caloric Component Ration</li> </ul> </li> </ul>		rsion Factor	
Crude Oil Price				6	61,612 JPY		:l >	•	0.1970	( a )	
LNG Price				7	73,522 JI		t >	•	0.4435	(β)	
Coal Price + )				1	10,439 JPY/1		t >	¢	0.2512	(γ)	
=	. ,				,	(Maximum	unit: 100 JP	Y) F	Rounded off to near	est 10	
Average Fuel Price				4	7,400	(com	(compared with the previous period: +2,000				

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

Fuel Cost Adjusted Unit Price = ( 
$$47,400 \text{ JPY/kl}$$
 -  $44,200 \text{ JPY/kl}$  ) ×  $\frac{\text{*Basic Fuel Price}}{0.222 \text{ JPY/kWh}}$ 

$$= 0.7104 \text{JPY/kWh}$$

$$\downarrow \text{( rounded off to the hundredth )}$$

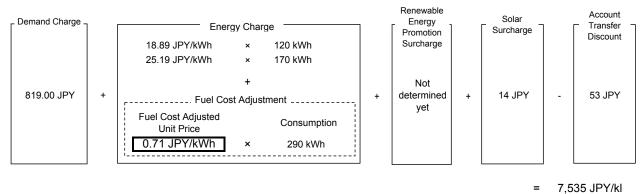
$$0.71 \text{ JPY/kWh}$$

## 3. Electricity Rates Calculation for May 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.



<sup>= 7,000</sup> JP 1/8

<sup>\*</sup> tax included

<sup>\*</sup> Calculation example above is not fixed yet since Renewable Energy Power Promotion Surcharge which is applied for the electricity rate in May 2013 is not determined at present.