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

## 1. Average Fuel Price Calculation

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

② Calculate average fuel price using above three figures and conversion factor.

(trade statistics prices published by Ministry of Finance Japan)

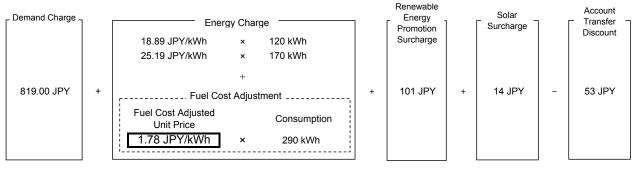
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		Jan - Mar 2012 May - Jul 2013			Jun - Aug 2013 (for November 2013)				
		(Rate Revision)	(for Oct 2013)	Average		Jun 2013	Jul 2013	Aug 2013	
Crude Oil	(JPY/kl)	57,802	65,774	65,	706	65,752	65,018	66,309	
LNG	(JPY/t)	67,548	84,401	82,	406	84,211	83,816	79,361	
Coal	(JPY/t)	11,452	10,984	10,702		10,971	10,719	10,445	
Average Fuel	Price(JPY/kl)	44,200	53,100			(fixed)	(fixed)	(flash)	
(basic fuel price)				1	ļ		< Conversior Crude Oil Conve × Caloric Corr	ersion Factor	
	Crude	e Oil Price	(	65,706	JPY/k	×	0.1970	. (α)	
LNG Price			8	32,406	JPY/ t	×	0.4435	(β)	
+ ) Coal Price				10,702	JPY/ t	×	0.2512	(γ)	
Average Fuel Price				√(Maximum unit: 100 JPY) Rounded off to nearest 10 52,200 JPY/kI (compared with the previous period: -900Y/					
Fuel Cost	Adjusted	Unit Price Calcı		Oltage S		<basic fuel="" price<="" td=""><td></td><td>asic Unit Price</td></basic>		asic Unit Price	
Fuel Cost Adjusted Unit Price = (				0 JPY/kl – 44,200 JPY/kl ) × 0.222 JPY/kWł 1,000					
			= 1.7760J	PY/kWh					
			\ \	round	ed off to th	ne hundredth)			
			1.78 JF	PY/kWh	]				

3. Electricity Rates Calculation for November 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.



7,946 JPY/kl

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\* tax included