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

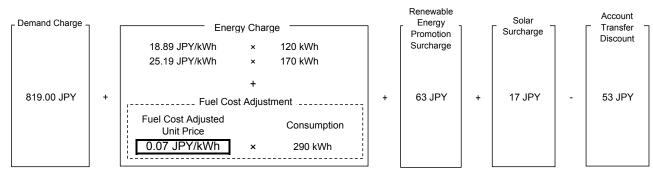
			, <u>, , , , , , , , , , , , , , , , , , </u>					
	Jan Mar. 2012	Oct Dec. 2012	2 Nov. 2012 - Jan. 2013 (for April 2013)					
	(Rate Revision)	(for Mar. 2013)	Average		Nov. 2012	Dec. 2012	Jan. 2013	
(JPY/kl)	57,802	57,651	59,038		57,195	58,494	61,288	
(JPY/t)	67,548	64,566	68,399		63,200	67,210	73,723	
(JPY/t)	11,452	9,800	10,0	)11	9,690	9,907	10,471	
Price(JPY/kI)	44,200	42,500			(fixed)	(flash)	(flash)	
(basic fuel price)				Conversion Factor > Crude Oil Conversion Factor Caloric Component Ratio				
Crude Oil Price			9,038	JPY/k		0.1970	(α)	
LNG Price			8,399	JPY/ t	×	0.4435	(β)	
Coal Price (			0,011	JPY/ t	×	0.2512	(γ)	
				44,500 JPY/kl (compared with the previous period: +2,000)				
Adjusted (	Jnit Price Calcu	•	•		<basic fuel="" price<="" td=""><td></td><td>sic Unit Price&gt; 222 JPY/kWh</td></basic>		sic Unit Price> 222 JPY/kWh	
Fuel Cost Adjusted Unit Price = (			JPY/kl	- [	44,200 JPY/k	(I) ×	1,000	
		= 0.0666J	PY/kWh					
			/ ( rounde	d off to tl	he hundredth)			
			V/L/Mb					
	(JPY/kl) (JPY/t) (JPY/t) Price(JPY/kl) Crude LNG LNG + ) Avera	Jan Mar. 2012 (Rate Revision) (JPY/kl) 57,802 (JPY/ t) 67,548 (JPY/ t) 11,452 Price(JPY/kl) 44,200 (basic fuel price) Crude Oil Price LNG Price Coal Price + ) Average Fuel Price Adjusted Unit Price Calcu	Jan Mar. 2012       Oct Dec. 2012         (Rate Revision)       (for Mar. 2013)         (JPY/kl)       57,802       57,651         (JPY/t)       67,548       64,566         (JPY/t)       11,452       9,800         Price(JPY/kl)       44,200       42,500         (basic fuel price)       Crude Oil Price       5         LNG Price       6       6         Coal Price       1       6         Average Fuel Price       4       4         Adjusted Unit Price Calculation (Low-Voc <average< td="">         Fuel Cost Adjusted Unit Price = (       44,500         =       0.0666JJ</average<>	(Rate Revision)(for Mar. 2013)Average(JPY/kl)57,80257,65159,0(JPY/t)67,54864,56668,3(JPY/t)11,4529,80010,0Price(JPY/kl)44,20042,50010,0(basic fuel price)(basic fuel price)0Crude Oil Price59,038LNG Price68,399Coal Price10,011+ ) $44,500$ Average Fuel Price44,500Adjusted Unit Price Calculation(Low-Voltage Su <average fuel="" price="">Fuel Cost Adjusted Unit Price = (44,500 JPY/kl=<math>0.0666JPY/kWh</math> <math>\downarrow</math> ( rounde</average>	Jan Mar. 2012       Oct Dec. 2012       Nov. 2         (Rate Revision)       (for Mar. 2013)       Average         (JPY/kl)       57,802       57,651       59,038         (JPY/t)       67,548       64,566       68,399         (JPY/t)       11,452       9,800       10,011         Price(JPY/kl)       44,200       42,500       (basic fuel price)         Crude Oil Price       59,038       JPY/k         LNG Price       68,399       JPY/k         Coal Price       10,011       JPY/k         Average Fuel Price       44,500       JPY/k         Adjusted Unit Price Calculation       ( Low-Voltage Supply ) <average fuel="" price="">         Fuel Cost Adjusted Unit Price = (       44,500 JPY/kI       -         =       0.0666JPY/kWh       -</average>	Jan Mar. 2012 (Rate Revision)Oct Dec. 2012 (for Mar. 2013)Nov. 2012 - Jan. 201 Average(JPY/kl)57,80257,65159,03857,195(JPY/t)67,54864,56668,39963,200(JPY/t)11,4529,80010,0119,690(rice(JPY/kl)44,20042,500(fixed)(basic fuel price)Crude Oil Price59,038JPY/klCrude Oil Price59,038JPY/kl×LNG Price68,399JPY/t×Coal Price10,011JPY/t×(Maximum unit: 100 JPY) Red(comparedAdjusted Unit Price Calculation(Low-Voltage Supply) <average fuel="" price=""><basic fuel="" price="">Fuel Cost Adjusted Unit Price = (44,500 JPY/kl-44,200 JPY/kl=0.0666JPY/kWh <math>\downarrow</math> (rounded off to the hundredth )</basic></average>	Jan Mar. 2012       Oct Dec. 2012       Nov. 2012 - Jan. 2013 (for April 201         (Rate Revision)       (for Mar. 2013)       Average       Nov. 2012       Dec. 2012         (JPY/kl)       57,802       57,651       59,038       57,195       58,494         (JPY/t)       67,548       64,566       68,399       63,200       67,210         (JPY/t)       11,452       9,800       10,011       9,690       9,907         Price(JPY/kl)       44,200       42,500       (fixed)       (flash)         (basic fuel price)       (basic fuel price)       (fixed)       0.1970         Crude Oil Price       59,038       JPY/kl       ×       0.4435         Coal Price       10,011       JPY/kl       ×       0.2512         Average Fuel Price       44,500       JPY/kl       compared with the previous         Adjusted Unit Price Calculation       (Low-Voltage Supply)	

3. Electricity Rates Calculation for April 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.



= 7,415 JPY/kl

\* tax included