

# Gas Resource Cost Adjustment for December 2021

October 28, 2021  
Osaka Gas Co., Ltd.

Osaka Gas Co., Ltd. (President: Masataka Fujiwara) will raise its city gas unit rates, which will be applied to gas rates\*1 for December 2021 meter reading, by 2.76 yen/m<sup>3</sup> (tax included) from those for November 2021 meter reading. The increase reflects the adjustment of gas resource costs based on the average gas resource price of July 2021 to September 2021 (59,140 yen/ton). This adjustment will raise the monthly gas rate for the standard household by 86 yen (tax included).

\*1 Not applied to certain business customers

## December 2021 charges under the general charge contract (tax included)

(Depending on usage for the month, the amounts set for one of the groups A–H will be applied.)

Rate table	Usage for the month	Basic charge (for the month, per gas meter)	Unit rate (per m <sup>3</sup> )
A	20 m <sup>3</sup> or less	759.00 yen	170.44 yen
B	more than 20 m <sup>3</sup> , up to 50 m <sup>3</sup>	1,364.81 yen	140.15 yen
C	more than 50 m <sup>3</sup> , up to 100 m <sup>3</sup>	1,635.74 yen	134.73 yen
D	more than 100 m <sup>3</sup> , up to 200 m <sup>3</sup>	2,074.72 yen	130.34 yen
E	more than 200 m <sup>3</sup> , up to 350 m <sup>3</sup>	3,506.75 yen	123.18 yen
F	more than 350 m <sup>3</sup> , up to 500 m <sup>3</sup>	3,834.72 yen	122.25 yen
G	more than 500 m <sup>3</sup> , up to 1,000 m <sup>3</sup>	6,981.94 yen	115.95 yen
H	more than 1,000 m <sup>3</sup>	7,307.87 yen	115.63 yen

## Average gas resource price (yen/ton)

	July 2021 to September 2021	Base average gas resource price
LNG average import price (trade statistics)	58,000	63,310
LPG average import price (trade statistics)	73,490	72,040
Average gas resource price (converted into LNG)	59,140	64,090

(Average gas resource price = LNG average import price × 0.9476\*2 + LPG average import price × 0.0569\*3) (rounded off to the nearest 10-yen unit)

\*2 The ratio of LNG to total gas resources

\*3 The ratio of LPG to total gas resources, adjusted for the factor for converting LPG into LNG

## Impact on standard households (yen/month)

	December 2021	November 2021	Difference
Usage at standard household*: 31 m <sup>3</sup> /month 31 m <sup>3</sup> /month (tax included) (45 MJ/m <sup>3</sup> )	5,709	5,623	+ 86

\*4 Average monthly usage per household (based on the five years from April 2011 to the end of March 2016). In reality, usage fluctuates every month, depending on the season and usage conditions.

**Exhibit****1. Calculation of the adjustment amount of the unit rate for the month**

(Average gas resource price) (Base average gas resource price) (Difference)

$$59,140 \text{ yen/ton} - 64,090 \text{ yen/ton} = -4,950 \text{ yen/ton}$$

$$-4,950 \text{ yen/ton} \div 100 \text{ yen/ton} = -49.5 \rightarrow -49 \text{ (figures after the decimal fractions omitted)}$$

$$-49 \times 0.081 \times (1 + 0.1) = -4.3659 \rightarrow -4.37 \text{ yen/m}^3$$

(the third decimal place rounded up)

(Adjustment amount for the month) (Adjustment amount for the previous month) (Difference from the previous month)

$$-4.37 \text{ yen/m}^3 - -7.13 \text{ yen/m}^3 = +2.76 \text{ yen/m}^3$$

**2. Changes in gas tariff for the standard household (yen/month)**

	2021 December	2021 November	2021 October	2021 September
Monthly rate for standard household <sup>5</sup> using 31 m <sup>3</sup> (tax included)	5,709	5,623	5,532	5,424
Difference from the previous month	+ 86	+ 91	+ 108	+ 96

<sup>5</sup> Average monthly usage per household (based on the five years from April 2011 to the end of March 2016).

In reality, usage fluctuates every month, depending on the season and usage conditions.

[December 2021 gas rate (tax included) for the standard household is calculated as follows:]

$$\begin{array}{rclcl} \text{Basic charge} & + & (\text{Base unit rate} + \text{Unit meter rate adjustment amount}) & \times & \text{Average monthly usage at standard household} \\ 1,364.81 \text{ yen/month} & & 144.52 \text{ yen/m}^3 - 4.37 \text{ yen/m}^3 & & 31 \text{ m}^3/\text{month} \end{array}$$

= 5,709 yen/month \* Figures after the decimal fractions omitted