

Gas Resource Cost Adjustment for November 2021 Gas Rates

September 29, 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 November 2021 meter reading, by 2.94 yen/m³ (tax included) from those for October 2021 meter reading. The increase reflects the adjustment of gas resource costs based on the average gas resource price of June 2021 to August 2021 (56,010 yen/ton). This adjustment will raise the monthly gas rate for the standard household by 91 yen (tax included).

*¹ Not applied to certain business customers

November 2021 charges under the general charge contract*² (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 ³)
A	20 m ³ or less	759.00 yen	167.68 yen
B	more than 20 m ³ , up to 50 m ³	1,364.81 yen	137.39 yen
C	more than 50 m ³ , up to 100 m ³	1,635.74 yen	131.97 yen
D	more than 100 m ³ , up to 200 m ³	2,074.72 yen	127.58 yen
E	more than 200 m ³ , up to 350 m ³	3,506.75 yen	120.42 yen
F	more than 350 m ³ , up to 500 m ³	3,834.72 yen	119.49 yen
G	more than 500 m ³ , up to 1,000 m ³	6,981.94 yen	113.19 yen
H	more than 1,000 m ³	7,307.87 yen	112.87 yen

*² In response to the lifting of the transitional rate regulations in October 2021, General Gas Supply Provisions will be reorganized into Basic Provision and Individual Provision (general charge contract) from October 1, 2021. The gas charge list will not be changed.

Average gas resource price (yen/ton)

	June 2021 to August 2021	Base average gas resource price
LNG average import price (trade statistics)	54,980	63,310
LPG average import price (trade statistics)	68,730	72,040
Average gas resource price (converted into LNG)	56,010	64,090

Average gas resource price = LNG average import price × 0.9476*³ + LPG average import price × 0.0569*⁴ (rounded off to the nearest 10-yen unit)

*³ The ratio of LNG to total gas resources

*⁴ The ratio of LPG to total gas resources, adjusted for the factor for converting LPG into LNG

Impact on standard households (yen/month)

	November 2021	October 2021	Difference
Usage at standard household* ⁵ : 31 m ³ /month (tax included) (45 MJ/m ³)	5,623	5,532	+91

*⁵ 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)

$$56,010 \text{ yen/ton} - 64,090 \text{ yen/ton} = -8,080 \text{ yen/ton}$$

$$-8,080 \text{ yen/ton} \div 100 \text{ yen/ton} = -80.8 \rightarrow -80 \text{ (figures after the decimal fractions omitted)}$$

$$-80 \times 0.081 \times (1 + 0.1) = -7.128 \rightarrow -7.13 \text{ yen/m}^3$$

(Adjustment amount for the month)

(the third decimal place rounded up)

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

$$-7.13 \text{ yen/m}^3 - -10.07 \text{ yen/m}^3 = +2.94 \text{ yen/m}^3$$

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

	2021 November	2021 October	2021 September	2021 August
Monthly rate for standard household ⁶ using 31 m ³ (tax included)	5,623	5,532	5,424	5,328
Difference from the previous month	+ 91	+ 108	+ 96	-47

⁶Average 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.

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

$$\text{Basic charge} + (\text{Base unit rate} + \text{Unit meter rate adjustment amount}) \times \text{Average monthly usage at standard household}$$

$$1,364.81 \text{ yen/month} \quad 144.52 \text{ yen/m}^3 \quad -7.13 \text{ yen/m}^3 \quad 31 \text{ m}^3/\text{month}$$

$$= 5,623 \text{ yen/month} \quad * \text{ Figures after the decimal fractions omitted}$$