

Gas Resource Cost Adjustment for September 2019 Gas Rates

July 30, 2019
Osaka Gas Co., Ltd.

Osaka Gas Co., Ltd. (President: Takehiro Honjo) will lower its city gas unit rates, which will be applied to the regulated charges under the General Gas Supply Provisions*¹ and unregulated charges,*² for September 2019 meter reading by 2.63 yen/m³ (tax included) from those for August 2019 meter reading. The decrease reflects the adjustment of gas resource costs based on the average gas resource price of April to June 2019 (54,640 yen/ton). The adjustment will lower the monthly gas rate for the standard household by 82 yen (tax included).

*¹ Refers to the General Provisions for Retail Service in Designated Former Service Area of a Deemed Gas Retailer Formerly Conducting General Gas Utility Business in accordance with Article 24 of the Supplementary Provisions of the amended Gas Business Act

*² Not applied to certain business customers

September 2019 regulated charges under the General Gas Supply Provisions (tax included)

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

Group	Usage for the month	Basic charge (for the month, per gas meter)	Unit rate (per m ³)
A	20 m ³ or less	745.20 yen	163.41 yen
B	more than 20 m ³ , up to 50 m ³	1,340.00 yen	133.67 yen
C	more than 50 m ³ , up to 100 m ³	1,606.00 yen	128.35 yen
D	more than 100 m ³ , up to 200 m ³	2,037.00 yen	124.04 yen
E	more than 200 m ³ , up to 350 m ³	3,443.00 yen	117.01 yen
F	more than 350 m ³ , up to 500 m ³	3,765.00 yen	116.09 yen
G	more than 500 m ³ , up to 1,000 m ³	6,855.00 yen	109.91 yen
H	more than 1,000 m ³	7,175.00 yen	109.59 yen

Average gas resource price (yen/ton)

	April to June 2019	Base average gas resource price
LNG average import price (trade statistics)	54,270	63,310
LPG average import price (trade statistics)	56,550	72,040
Average gas resource price (converted into LNG)	54,640	64,090

Average gas resource price = LNG average import price × 0.9476*¹ + LPG average import price × 0.0569*² (rounded off to the nearest 10-yen unit)

*¹ The ratio of LNG to total gas resources

*² The ratio of LPG to total gas resources, adjusted for the factor for converting LPG into LNG

Impact on standard households (yen/month) (tax included)

	September 2019	August 2019	Difference
Usage at standard household* ³ : 31 m ³ /month (45 MJ/m ³)	5,483	5,565	-82

*³ 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)

$$54,640 \text{ yen/ton} - 64,090 \text{ yen/ton} = -9,450 \text{ yen/ton}$$

$$-9,450 \text{ yen/ton} \div 100 \text{ yen/ton} = -94.5 \rightarrow -94 \text{ (figures after the decimal fractions omitted)}$$

$$\begin{array}{l} \text{(Consumption tax)} \qquad \qquad \qquad \text{(Adjustment amount for the month)} \\ -94 \times 0.081 \times (1 + 0.08) = -8.22312 \rightarrow -8.23 \text{ yen/m}^3 \text{ (the third decimal place rounded up)} \end{array}$$

$$\begin{array}{l} \text{(Adjustment amount for the month)} \quad \text{(Adjustment amount for the previous month)} \quad \text{(Difference from the previous month)} \\ -8.23 \text{ yen/m}^3 - (-5.60 \text{ yen/m}^3) = -2.63 \text{ yen/m}^3 \end{array}$$

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

	September 2019	August 2019	July 2019	June 2019
Monthly rate (tax included) for standard household* ⁴ using 31 m ³	5,483	5,565	5,638	5,692
Difference from the previous month	-82	-73	-54	-41

*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.

September 2019 gas rate (tax included) for the standard household is calculated as follows:

$$\begin{array}{l} \text{Basic charge} \quad + \quad \text{(Base unit rate + unit meter rate adjustment amount)} \times \text{Average monthly usage at standard household} \\ 1,340.00 \text{ yen/month} \quad 141.90 \text{ yen/m}^3 \quad -8.23 \text{ yen/m}^3 \quad 31 \text{ m}^3/\text{month} \end{array}$$

$$= 5,483 \text{ yen/month (figures after the decimal fractions omitted)}$$