

January 23, 2013

## Actual Gas Sales volume in December 2012

In December, monthly gas sales volume totaled 337.596 million cubic meters, up by 1.4% from the previous year.

### 1. Gas Sales Volume in December 2012

(Unit: 1,000m<sup>3</sup>)

	December 2012		December 2011		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	78,916	25.5%	69,261	22.7%	9,655	13.9%
Commercial	20,517	6.6%	18,966	6.2%	1,551	8.2%
Industrial	188,343	60.8%	197,916	65.0%	-9,573	-4.8%
Public and Medical	21,811	7.0%	18,463	6.1%	3,349	18.1%
Total	309,588	100.0%	304,606	100.0%	4,982	1.6%
Wholesale	28,008	—	28,281	—	-273	-1.0%
Grand total	337,596	—	332,887	—	4,709	1.4%
Number of Customers	2,312,738	—	2,291,788	—	20,950	0.9%
Residential	2,227,359	—	2,205,927	—	21,432	1.0%

※1m<sup>3</sup>=11,000kcal [46.04655MJ]

### 2. Gas Sales Volume

#### (1) Residential

The gas sales volume increased from the previous year, due to lower temperatures in November and December which caused increase of heating and hot water demand, etc.

#### (2) Commercial, Public and Medical

Gas sales volume increased from the previous year, due to lower temperatures in November and December which caused increase of air-conditioning demand, etc.

#### (3) Industrial

Gas sales volume decreased from the previous year, due to decrease in customer facilities' operation rates, etc.

#### (4) Wholesale

The gas sales volume to other gas utilities decreased.

### 3. Temperature

(Unit: °C)

	FY2012	FY2011	Change
November	11.3	13.9	-2.6
December	5.3	6.7	-1.4
Average for two months	8.3	10.3	-2.0

<Reference 1> Cumulative Gas Sales Volume in FY2012 (April–December 2012)

(Unit:1,000m<sup>3</sup>)

	FY2012 (April–December)		FY2011 (April–December)		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	443,920	17.6%	439,678	17.6%	4,242	1.0%
Commercial	203,364	8.1%	203,408	8.2%	-45	-0.0%
Industrial	1,701,820	67.5%	1,681,830	67.5%	19,990	1.2%
Public and Medical	172,650	6.8%	166,548	6.7%	6,103	3.7%
Total	2,521,754	100.0%	2,491,465	100.0%	30,290	1.2%
Wholesale	203,890	—	211,082	—	-7,192	-3.4%
Grand total	2,725,644	—	2,702,547	—	23,097	0.9%

※1m<sup>3</sup>=11,000kcal [46.04655M J]

<Reference 2> Gas sales volume in CY2012 (January–December 2012)

(Unit:1,000m<sup>3</sup>)

	CY2012 (January–December)		CY2011 (January–December)		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	754,093	20.9%	743,634	21.0%	10,458	1.4%
Commercial	275,621	7.6%	274,540	7.7%	1,081	0.4%
Industrial	2,334,149	64.6%	2,282,773	64.4%	51,376	2.3%
Public and Medical	249,054	6.9%	241,985	6.8%	7,069	2.9%
Total	3,612,917	100.0%	3,542,932	100.0%	69,985	2.0%
Wholesale	294,759	—	284,991	—	9,768	3.4%
Grand total	3,907,676	—	3,827,923	—	79,753	2.1%

※1m<sup>3</sup>=11,000kcal [46.04655M J]

**Rate of change relative to the previous year (Gas sales volume, Number of Customers)**

(April 2012–March 2013)

(Unit : %)

	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Fiscal Year
Residential	0.6	-5.4	-5.5	14.6	-1.2	-10.5	-1.5	-11.3	6.5	13.9				
Commercial	1.8	2.1	-6.9	-2.7	-1.2	-2.1	-1.7	8.3	-4.1	8.2				
Industrial	12.8	12.8	-1.1	6.0	-2.4	-6.8	2.9	1.8	-2.9	-4.8				
Public and Medical	7.1	0.7	-10.8	-6.3	1.1	0.0	-1.6	21.4	13.3	18.1				
Total	8.1	6.8	-2.9	5.0	-1.8	-6.2	1.4	1.4	-0.5	1.6				
Wholesale	12.7	6.6	-5.9	-2.8	-4.7	-14.7	-2.3	-11.2	-5.4	-1.0				
Grand total	8.4	6.8	-3.1	4.3	-2.1	-6.8	1.1	0.5	-0.9	1.4				
Number of Customers	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9				

(April 2011–March 2012)

(Unit : %)

	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Fiscal Year
Residential	-1.8	-0.5	1.7	-9.5	-3.3	12.3	-0.8	9.1	-8.3	-0.4	0.2	6.0	0.2	0.3
Commercial	-7.3	0.5	-7.5	-7.1	-10.1	-9.4	-7.4	-5.6	-1.1	2.1	-0.5	8.5	-2.9	-4.0
Industrial	-10.3	-4.2	-2.6	-4.0	3.6	-0.9	-3.0	4.8	-0.6	4.1	1.9	8.2	5.6	0.6
Public and Medical	-5.6	7.8	-5.9	-2.5	-6.6	-10.9	-5.1	-6.7	-8.8	0.9	-2.3	8.7	-2.5	-3.1
Total	-7.5	-2.4	-2.5	-4.8	0.1	-1.5	-3.2	3.8	-2.5	2.7	0.9	7.6	3.0	-0.1
Wholesale	-11.2	-1.8	4.2	2.4	7.9	9.8	2.1	15.8	14.1	19.4	15.8	36.2	18.3	11.1
Grand total	-7.7	-2.4	-2.0	-4.3	0.7	-0.7	-2.8	4.7	-1.4	4.0	1.9	9.4	4.1	0.7
Number of Customers	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7

(April 2010–March 2011)

(Unit : %)

	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Fiscal Year
Residential	12.8	9.5	2.7	-0.4	-10.4	-10.9	3.5	-11.8	-2.2	4.7	3.2	5.3	8.8	3.2
Commercial	3.4	-1.0	-0.9	2.9	15.1	12.2	6.0	0.5	0.8	0.3	2.0	1.6	4.4	4.0
Industrial	26.2	15.8	13.5	8.3	16.7	10.0	14.5	2.5	5.5	4.9	11.8	7.8	-2.8	9.4
Public and Medical	17.4	-6.2	0.7	2.6	17.3	21.7	9.9	1.3	3.0	-0.2	1.8	4.3	13.2	7.0
Total	20.0	11.7	9.4	6.1	13.0	8.9	11.3	0.0	3.6	4.2	7.5	6.4	1.6	7.4
Wholesale	30.5	21.2	26.1	19.7	15.9	10.1	20.0	3.2	-4.6	-2.0	4.4	-1.4	-1.5	8.8
Grand total	20.7	12.3	10.4	7.0	13.2	9.0	11.9	0.2	2.9	3.7	7.3	5.9	1.4	7.5
Number of Customers	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5