

December 19, 2012

## Actual Gas Sales volume in November 2012

In November, monthly gas sales volume totaled 293.600 million cubic meters, down by 0.9% from the previous year.

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

	November 2012		November 2011		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	50,734	18.7%	47,634	17.5%	3,100	6.5%
Commercial	17,112	6.3%	17,835	6.5%	-724	-4.1%
Industrial	188,636	69.6%	194,172	71.2%	-5,536	-2.9%
Public and Medical	14,624	5.4%	12,902	4.7%	1,721	13.3%
Total	271,106	100.0%	272,544	100.0%	-1,438	-0.5%
Wholesale	22,494	—	23,771	—	-1,276	-5.4%
Grand total	293,600	—	296,315	—	-2,715	-0.9%
Number of Customers	2,311,689	—	2,290,592	—	21,097	0.9%
Residential	2,226,168	—	2,204,675	—	21,493	1.0%

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

### 1. Gas Sales Volume

#### (1) Residential

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

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

In the commercial sector, gas sales volume decreased from the previous year, due to decrease in customer facilities' operation rates, etc.

In the public and medical sector, gas sales volume increased from the previous year, due to lower temperatures in November 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.

### 2. Temperature

(Unit: °C)

	FY2012	FY2011	Change
October	19.0	18.8	0.2
November	11.3	13.9	-2.6
Average for two months	15.2	16.4	-1.2

### <Reference> Cumulative Gas Sales Volume

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

	FY2012 (April–November)		FY2011 (April–November)		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	365,004	16.5%	370,417	16.9%	-5,413	-1.5%
Commercial	182,847	8.3%	184,443	8.4%	-1,596	-0.9%
Industrial	1,513,477	68.4%	1,483,914	67.9%	29,563	2.0%
Public and Medical	150,839	6.8%	148,085	6.8%	2,754	1.9%
Total	2,212,166	100.0%	2,186,859	100.0%	25,308	1.2%
Wholesale	175,882	—	182,801	—	-6,919	-3.8%
Grand total	2,388,048	—	2,369,659	—	18,389	0.8%

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

**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					
Commercial	1.8	2.1	-6.9	-2.7	-1.2	-2.1	-1.7	8.3	-4.1					
Industrial	12.8	12.8	-1.1	6.0	-2.4	-6.8	2.9	1.8	-2.9					
Public and Medical	7.1	0.7	-10.8	-6.3	1.1	0.0	-1.6	21.4	13.3					
Total	8.1	6.8	-2.9	5.0	-1.8	-6.2	1.4	1.4	-0.5					
Wholesale	12.7	6.6	-5.9	-2.8	-4.7	-14.7	-2.3	-11.2	-5.4					
Grand total	8.4	6.8	-3.1	4.3	-2.1	-6.8	1.1	0.5	-0.9					
Number of Customers	0.8	0.8	0.8	0.8	0.8	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