

November 16, 2011

## Actual Gas Sales volume in October 2011

In October, monthly gas sales volume totaled 280.918 million cubic meters, up by 4.7% from the previous year.

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

	October 2011		October 2010		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	37,889	14.6%	34,717	13.9%	3,172	9.1%
Commercial	20,018	7.7%	21,205	8.5%	-1,187	-5.6%
Industrial	187,065	72.3%	178,528	71.6%	8,537	4.8%
Public and Medical	13,916	5.4%	14,918	6.0%	-1,003	-6.7%
Total	258,888	100.0%	249,368	100.0%	9,520	3.8%
Wholesale	22,030	—	19,017	—	3,013	15.8%
Grand total	280,918	—	268,385	—	12,533	4.7%
Number of Customers	2,290,217	—	2,274,644	—	15,573	0.7%
Residential	2,204,217	—	2,188,400	—	15,817	0.7%

※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 September and October which caused increase of hot water demand, etc.

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

Gas sales volume decreased from the previous year, due to lower temperatures in September and October which caused decrease of air-conditioning demand, etc.

#### (3) Industrial

Gas sales volume increased from the previous year, due to our marketing efforts to create new gas demand, etc.

#### (4) Wholesale

The gas sales volume to other gas utilities increased.

### 2. Temperature

(Unit: °C)

	FY2011	FY2010	Change
September	25.1	26.1	-1.0
October	18.8	19.4	-0.6
Average for two months	22.0	22.8	-0.8

### <Reference> Cumulative Gas Sales Volume

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

	FY2011 (April-October)		FY2010 (April-October)		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	322,783	16.9%	321,795	16.4%	988	0.3%
Commercial	166,607	8.7%	179,426	9.2%	-12,819	-7.1%
Industrial	1,289,742	67.4%	1,314,899	67.1%	-25,157	-1.9%
Public and Medical	135,182	7.1%	142,706	7.3%	-7,524	-5.3%
Total	1,914,314	100.0%	1,958,826	100.0%	-44,512	-2.3%
Wholesale	159,030	—	153,256	—	5,775	3.8%
Grand total	2,073,345	—	2,112,082	—	-38,737	-1.8%

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

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

(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						
Commercial	-7.3	0.5	-7.5	-7.1	-10.1	-9.4	-7.4	-5.6						
Industrial	-10.3	-4.2	-2.6	-4.0	3.6	-0.9	-3.0	4.8						
Public and Medical	-5.6	7.8	-5.9	-2.5	-6.6	-10.9	-5.1	-6.7						
Total	-7.5	-2.4	-2.5	-4.8	0.1	-1.5	-3.2	3.8						
Wholesale	-11.2	-1.8	4.2	2.4	7.9	9.8	2.1	15.8						
Grand total	-7.7	-2.4	-2.0	-4.3	0.7	-0.7	-2.8	4.7						
Number of Customers	0.5	0.5	0.5	0.6	0.6	0.6	0.6	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

(April 2009–March 2010)

(Unit : %)

	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Fiscal Year
Residential	-1.0	0.5	2.9	-2.8	18.9	-1.4	1.7	-0.4	5.5	-3.9	3.1	0.8	-0.7	1.1
Commercial	-1.5	-1.5	8.5	-6.8	-4.8	-6.2	-2.7	-2.0	5.8	-0.7	2.0	5.3	1.9	-0.6
Industrial	-23.4	-19.0	-11.4	-10.9	-10.4	-10.2	-14.0	-7.9	3.5	5.1	10.0	31.5	34.6	-2.2
Public and Medical	-1.4	3.2	13.0	-4.9	-5.4	-7.5	-2.1	1.1	5.4	2.7	3.8	9.6	-2.2	0.7
Total	-15.2	-12.4	-6.1	-9.0	-6.2	-8.6	-9.6	-5.8	4.2	2.3	6.6	17.6	18.4	-1.2
Wholesale	-13.4	-17.7	-21.1	-16.2	-9.8	-10.1	-14.6	-12.5	-2.3	2.3	1.2	-0.3	5.0	-7.5
Grand total	-15.1	-12.8	-7.2	-9.5	-6.5	-8.7	-10.0	-6.3	3.7	2.3	6.2	16.2	17.4	-1.7
Number of Customers	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7