

December 14, 2011

## Actual Gas Sales volume in November 2011

In November, monthly gas sales volume totaled 296.315 million cubic meters, down by 1.4% from the previous year.

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

	November 2011		November 2010		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	47,634	17.5%	51,958	18.6%	-4,323	-8.3%
Commercial	17,835	6.5%	18,042	6.5%	-207	-1.1%
Industrial	194,172	71.2%	195,423	69.9%	-1,251	-0.6%
Public and Medical	12,902	4.7%	14,152	5.1%	-1,249	-8.8%
Total	272,544	100.0%	279,575	100.0%	-7,031	-2.5%
Wholesale	23,771	—	20,827	—	2,944	14.1%
Grand total	296,315	—	300,402	—	-4,087	-1.4%
Number of Customers	2,290,592	—	2,275,287	—	15,305	0.7%
Residential	2,204,675	—	2,189,113	—	15,562	0.7%

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

### 1. Gas Sales Volume

#### (1) Residential

The gas sales volume decreased from the previous year, due to higher temperatures which caused decrease of hot water demand, etc.

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

Gas sales volume decreased from the previous year, due to higher temperatures which caused decrease of air-conditioning demand, etc.

#### (3) Industrial

Gas sales volume remained the same level as the previous year.

#### (4) Wholesale

The gas sales volume to other gas utilities increased.

### 2. Temperature

(Unit: °C)

	FY2011	FY2010	Change
October	18.8	19.4	-0.6
November	13.9	12.1	1.8
Average for two months	16.4	15.8	0.6

### <Reference> Cumulative Gas Sales Volume

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

	FY2011 (April–November)		FY2010 (April–November)		Change	
	Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	370,417	16.9%	373,752	16.7%	-3,335	-0.9%
Commercial	184,443	8.4%	197,468	8.8%	-13,026	-6.6%
Industrial	1,483,914	67.9%	1,510,323	67.5%	-26,409	-1.7%
Public and Medical	148,085	6.8%	156,858	7.0%	-8,773	-5.6%
Total	2,186,859	100.0%	2,238,401	100.0%	-51,543	-2.3%
Wholesale	182,801	—	174,082	—	8,718	5.0%
Grand total	2,369,659	—	2,412,484	—	-42,824	-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	-8.3					
Commercial	-7.3	0.5	-7.5	-7.1	-10.1	-9.4	-7.4	-5.6	-1.1					
Industrial	-10.3	-4.2	-2.6	-4.0	3.6	-0.9	-3.0	4.8	-0.6					
Public and Medical	-5.6	7.8	-5.9	-2.5	-6.6	-10.9	-5.1	-6.7	-8.8					
Total	-7.5	-2.4	-2.5	-4.8	0.1	-1.5	-3.2	3.8	-2.5					
Wholesale	-11.2	-1.8	4.2	2.4	7.9	9.8	2.1	15.8	14.1					
Grand total	-7.7	-2.4	-2.0	-4.3	0.7	-0.7	-2.8	4.7	-1.4					
Number of Customers	0.5	0.5	0.5	0.6	0.6	0.6	0.6	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

(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