

December 16, 2015

## Actual Gas Sales volume in November 2015

In November, monthly gas sales volume totaled 292.105 million cubic meters, decrease by 0.5% from the previous year.

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

		November 2015		November 2014		Change	
		Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	Residential	51,337	18.7%	52,097	19.1%	-759	-1.5%
	Commercial	16,716	6.1%	16,411	6.0%	305	1.9%
	Industrial	193,074	70.5%	190,064	69.8%	3,010	1.6%
	Public and Medical	12,768	4.7%	13,670	5.0%	-902	-6.6%
Total		273,895	100.0%	272,241	100.0%	1,654	0.6%
Wholesale		18,210	—	21,250	—	-3,040	-14.3%
Grand total		292,105	—	293,492	—	-1,386	-0.5%
Number of Customers		2,376,276	—	2,353,062	—	23,214	1.0%
Residential		2,291,641	—	2,268,225	—	23,416	1.0%

※1m<sup>3</sup>=45MJ

### 1. Gas Sales Volume

#### (1) Residential

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

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

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

In the public and medical sector, the gas sales volume decreased from the previous year, due to a decrease in facilities' operation rates of some customers, etc.

#### (3) Industrial

The 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 decreased.

### 2. Temperature

(Unit: °C)

	FY2015	FY2014	Change
October	18.4	18.9	-0.5
November	14.3	13.2	1.1
Average for two months	16.4	16.1	0.3

### <Reference> Cumulative Gas Sales Volume

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

		FY2015 (April–November)		FY2014 (April–November)		Change	
		Gas sales volume	Composition ratio	Gas sales volume	Composition ratio	Volume	Rate of change
Residential	Residential	365,211	16.5%	365,445	16.3%	-235	-0.1%
	Commercial	171,403	7.7%	172,821	7.7%	-1,417	-0.8%
	Industrial	1,534,397	69.2%	1,560,436	69.4%	-26,039	-1.7%
	Public and Medical	146,111	6.6%	149,846	6.7%	-3,735	-2.5%
Total		2,217,122	100.0%	2,248,548	100.0%	-31,426	-1.4%
Wholesale		171,239	—	168,271	—	2,967	1.8%
Grand total		2,388,361	—	2,416,819	—	-28,458	-1.2%

※1m<sup>3</sup>=45MJ

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

(April 2015–March 2016)															(Unit : %)
	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Second half	Fiscal Year
Residential	2.9	-6.7	-1.7	11.9	-2.6	-7.1	-0.5	5.2	-1.5						
Commercial	0.1	5.8	-1.7	-6.1	4.3	-5.0	-0.7	-4.0	1.9						
Industrial	-2.4	-6.2	1.5	-3.3	0.8	-3.1	-2.1	-2.0	1.6						
Public and Medical	0.9	6.5	0.0	-8.4	4.2	-2.3	-0.5	-13.4	-6.6						
Total	-0.7	-4.9	0.7	-2.3	1.1	-3.7	-1.6	-1.8	0.6						
Wholesale	17.1	5.1	10.6	3.1	4.1	11.1	8.3	-22.5	-14.3						
Grand total	0.4	-4.3	1.3	-1.9	1.3	-2.7	-1.0	-3.3	-0.5						
Number of Customers	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0						

(April 2014–March 2015)															(Unit : %)
	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Second half	Fiscal Year
Residential	10.6	-15.4	0.6	-2.1	4.0	10.9	-0.0	6.5	-1.0	2.2	-1.6	-1.7	0.6	0.1	0.0
Commercial	8.9	-15.6	-3.6	-7.9	-10.7	-10.6	-7.6	-13.8	-6.4	6.6	-4.8	-3.0	1.3	-3.6	-5.7
Industrial	6.6	-6.0	2.3	0.4	-1.9	4.0	0.8	-0.8	-3.0	5.2	-3.8	-3.1	-0.1	-1.0	-0.1
Public and Medical	11.2	-11.5	1.6	-4.7	-9.5	-11.3	-5.3	-12.8	-7.8	8.6	-1.7	1.4	3.9	-0.8	-3.0
Total	8.0	-9.2	1.5	-1.1	-3.1	2.0	-0.5	-1.8	-3.1	4.8	-3.0	-2.4	0.4	-0.9	-0.7
Wholesale	-7.1	-8.6	-5.1	-9.1	-12.6	-13.9	-9.6	-9.7	-10.9	3.0	4.1	1.8	7.8	-0.2	-4.6
Grand total	6.9	-9.2	1.0	-1.8	-3.9	0.7	-1.2	-2.4	-3.7	4.6	-2.6	-2.1	0.9	-0.8	-1.0
Number of Customers	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0

(April 2013–March 2014)															(Unit : %)
	Apr.	May	June	July	Aug.	Sept.	First half	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Second half	Fiscal Year
Residential	-16.7	16.9	-10.5	-10.7	-2.2	3.8	-4.2	4.7	1.4	-6.8	-3.3	1.2	-0.4	-1.3	-2.4
Commercial	-11.3	5.6	4.2	4.0	-1.1	-0.9	0.3	3.3	0.1	-6.8	-1.4	-0.1	3.0	-0.4	0.0
Industrial	-5.3	3.7	-0.2	2.6	-3.0	3.8	0.3	1.4	1.5	4.8	3.3	1.9	6.3	3.2	1.8
Public and Medical	-15.4	8.9	17.6	11.5	0.2	0.4	3.5	9.4	-0.9	-5.3	-1.4	-0.8	5.7	0.7	2.0
Total	-9.4	7.0	-0.6	1.8	-2.4	3.0	-0.2	2.5	1.3	0.3	0.5	1.4	4.2	1.7	0.8
Wholesale	-5.2	2.0	-0.6	5.5	0.8	12.3	2.5	11.4	3.6	4.3	-5.3	-11.6	-5.5	-1.4	0.4
Grand total	-9.1	6.7	-0.6	2.1	-2.1	3.7	-0.0	3.1	1.4	0.7	0.1	0.4	3.4	1.4	0.8
Number of Customers	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8