1. Consolidated

									(million yen)					
		FY15.3 Results	s	FY16.3 Forecas	t	FY16.3 Results		FY17.3 Forecas	it		FY15.3 Results→FY16.3)	FY16.3 Forecast Revised on Jan. 28→FY16.3 Results (B-C)	FY ⁻	16.3 Results→FY17.3 Forecast (C-D)
		2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28	2Q	(C) Full Year	2Q	(Year	Changes	Remarks (billion ven)	Changes Remarks (billion yen)	Changes	Remarks (billion ven)
											OG-212.1, Subsidiaries+2.1, Adjustment in	OG-5.2、Subsidiaries-11.9、Adjustment in		OG-152.7、Subsidiaries-17.9、Adjustment in
	Net Sales	697,611	1,528,164	1,358,500	1,339,000	641,418	1,322,012	533,000	1,170,500	-206,152	consolidation increase+3.7	-16,987 consolidation increase+0.2	-151,512	consolidation increase+19.2
	Operating Expenses	643,777	1,423,099	1,220,000	1,193,500	547,350	1,175,337	495,000	1,085,000	-247,761		-18,162	-90,337	
	Operating Income	53,833	105,065	138,500	145,500	94,067	146,674	38,000	85,500	41,609	OG+31.8、Subsidiaries+11、Adjustment in consolidation increase-1.3	OG+4、Subsidiaries+0.5、Adjustment in 1,174 consolidation increase-3.4	-61,174	OG-64.5, Subsidiaries+0.4, Adjustment in consolidation increase+2.9
Consolidated	Ordinary Income	57,879	108,173	130,000	135,000	92,961	134,986	38,000	78,000	26,813	OG+25、Subsidiaries+9.9、Adjustment in consolidation increase-8.2	OG+0.3、Subsidiaries+1.3、Adjustment in -13 consolidation increase-1.7	-56,986	OG-55.8, Subsidiaries+3.1, Adjustment in consolidation increase-4.3
												OG+1.7、Subsidiaries-16.8、Adjustment in		
	Profit attributable to owners of parent	47,506	76,709	87,500	92,500	65,980	84,324	25,500	52,000	7,615	OG+13, Subsidiaries-2.5, Adjustment in consolidation increase-2.8	consolidation increase+6.8 -8,175 Impairment loss in upstream business, etc.	-32,324	OG-38.2、Subsidiaries+18.3、Adjustment in consolidation increase-12.4
	Total Assets *	1,677,584	1,862,201	1,878,000	1,863,500	1,849,983	1,829,756	1,843,000	1,890,700	-32,444		-33,743	60,943	
	Total Net Worth *	832,859	888,496	950,500	942,200	939,376	906,623	965,800	974,100	18,127	1	-35,576	67,476	
	Interest-bearing Debt *	568,332	633,923	620,600	608,900	593,603	567,164	578,000	569,800	-66,758	3	-41,735	2,635	
	Net Sales	572,607	1,251,835	1,054,500	1,045,000	512,430	1,039,733	405,500	887,000	-212,102	Gas-181.7、Miscellaneous-2.3、 Incidental Business-27.9	Gas-5.2、Miscellaneous+3.4、 -5,266 Incidental Business-3.4	-152,733	Gas=144.1、Miscellaneous=7.9、 Incidental Business=0.6
	Operating Expenses	531,567	1,171,644	955,500	937,000	434,989	927,678	381,500	839,500	-243,966		-9,321	-88,178	
											Margin of gas sales+46.2, Margin of miscellaneous+5.1, Margin of incidental business-13, increase of labor costs,	Margin of gas sales+6.4, Margin of miscellaneous+1.2, Margin of incidental business+2.1, increase of labor costs,		Margin of gas sales-63.4, Margin of miscellaneous+3.4, Margin of incidental business-14.7, Decrease of labor costs,
	Operating Income	41,039	,	99,000	108,000	77,441	112,054	24,000	47,500	,	operating expense, depreciation costs-6.4	4,054 operating expense, depreciation costs-5.7	,	operating expense, depreciation costs+10.1
Non-Consolidated	Ordinary Income Net Income	46,282 42,445	88,255 70,285	104,000 74.500	113,000 81,500	82,867 60.590	113,349 83,285	33,000 26,500	57,500 45,000	25,094 13,000		349 1.785	-55,849 -38,285	
	Total Assets *	1.303.848		1.439.500	1.420.000	1.396.594	1.425,220	1,397,000	1.443.400	13,954		5,220	18.179	
	Total Net Worth *	616,475	, ,	686.000	696.500	682.453	695,189	715,200	723,200	57.800		-1.310	28.010	
	Interest-bearing Debt *	443,672	498,422	493,100	471,100	453,932	427,847	439,500	433,200	-70,574		-43,252	5,352	
	Net Sales	1.22	1.22	1.29	1.28	1.25	1.27	1.31	1.32	0.05		-0.01	0.05	
	Operating Income	1.31		1.40	1.35	1.21	1.31	1.58	1.80	0.00		-0.04	0.49	
Consolidated/	Ordinary Income	1.25	1.23	1.25	1.19	1.12	1.19	1.15	1.36	-0.03		0.00	0.17	
Non-Consolidated	Net Income	1.12	1.09	1.17	1.13	1.09	1.01	0.96	1.16	-0.08	3	-0.12	0.14	
Ratio	Total Assets *	1.29	1.32	1.30	1.31	1.32	1.28	1.32	1.31	-0.04	ı	-0.03	0.03	
	Total Net Worth *	1.35			1.35	1.38		1.35	1.35	-0.09		-0.05	0.04	
	Interest-bearing Debt *	1.28	1.27	1.26	1.29	1.31	1.33	1.32	1.32	0.05		0.03	-0.01	
											Increase in Mizusawa Industrial, OGIS+5.1, etc. Decrease in Osaka Gas Urban Development-	Decrease in Osaka Gas Chemicals-3.3, Nissho Propane Sekiyu-2.3,		Decrease in Liquid Gas-6.3. Nissho Petroleum
	Net Sales	248,400	554,182	578,292	568,265	260,653	556,340	248,964	538,354	2,157	Nissho Propane Sekiyu-4.6, etc.	-11,925 Osaka Gas Engineering-1.8, etc.	-17,985	Gas-3.7, Osaka Gas Excellent Agency, etc.
consolidated	Operating Expenses	233,662	526,695	538,404	530,307	243,306	517,789	234,561	499,340	-8,906	3	-12,518	-18,448	
subsidiary	Operating Income	14,738	27,487	39,888	37,957	17,347	38,550	14,403	39,013	11,063	Increase in Osaka Gas USA , Osaka Gas International Transport+1.3, OGIS+1, etc.	593 Increase in OGIS+0.5, etc.		Increase in Jacobi Carbons AB +1.8, Osaka Gas Chemicals +1.4, etc.
simple total			_	I . ∃		_		T			Increase in Osaka Gas USA , Osaka Gas			Increase in Jacobi Carbons AB, Osaka Gas
	Ordinary Income	18,248			39,748	20,242			44,316		International Transport, etc.	1,373 Increase in OGIS, OGCTS, etc.	_,	Chemicals, etc.
	Net Income	13,303			31,149	16,925		15,089	32,710	,	Decrease in Osaka Gas Australia, etc.	-16,820 Decrease in Osaka Gas Australia, etc.		Increase in Osaka Gas Australia, etc.
	Return On Total Assets (ROA) :%	2.8%			5.0%	3.6%			2.8%	0.2%		-0.4%	-1.8%	
	Return on Equity (ROE) :%	5.8%			10.1%	7.2%			5.4%	0.3%		-0.7%	-4.0%	
	Total Assets turnover	0.42 49.6%			0.72 50.6%	0.35 50.8%	0.72 49.5%		0.62 51.5%	-0.15 1.8%		0.00 -1.0%	-0.09	
Consolidated	Equity Ratio :% Debt/Equity Ratio	0.68			0.65	0.63	49.5%	0.60	0.59	-0.09		-1.0% -0.02	2.0% -0.04	
Consolidated	Earning per Share (EPS) : yen	22.83		42.05	44.46	31.71	40.53	12.26	24.99	3.67		-3.93	-15.54	
	Bookvalue per Share (BPS) : yen	400.22		456.81	452.93	451.46	435.85	464.29	468.29	8.86		-17.08	32.44	
	Payout Ratio :%		25.8%	23.8%	22.5%		24.7%		40.0%	-1.1%		2.2%	15.3%	
	Shareholder's Value Added :million :yen	31,512		1	59,826	49,959		11,041	23,486	9,656		-7,204	-29,134	
	Return On Total Assets (ROA) :%	3.3%	5.2%	5.2%	5.8%	4.3%	5.9%	1.9%	3.1%	0.7%		0.1%	-2.7%	
	Return on Equity (ROE) :%	7.1%	11.5%	11.3%	12.2%	9.2%	12.5%	3.8%	6.3%	1.0%		0.3%	-6.2%	
	Total Assets turnover	0.44			0.74	0.36	0.73	0.29	0.62	-0.20		-0.01	-0.11	
Non-Consolidated	Equity Ratio :%	47.3%			49.0%	48.9%	48.8%		50.1%	3.6%		-0.3%	1.3%	
	Debt/Equity Ratio	0.72			0.68	0.67	0.62		0.60	-0.17		-0.06	-0.02	
	Earning per Share (EPS) :yen	20.40		35.80	39.17	29.12	40.03	12.74	21.63	6.26		0.86	-18.40	
	Payout Ratio :%	00.501	28.1%	27.9%	25.5%	48,825	25.0%	10.050	46.2%	-3.1%		-0.5% 9.77	21.3%	
	Shareholder's Value Added :million :yen	30,581	46,361	51,705	58,262	48,825	59,139	16,056	24,162	12,778	01	877	-34,977	l

^{*}B/S items show figures at the end of each term.

2. Number of Employees and Capital Expenditure

		FY15.3 Results	5	FY16.3 Forecast	t	FY16.3 Results	S	FY17.3 Forecas	st		FY15.3 Results→FY16.3)	FY16.3 Forecast Revised on Jan. 28→FY16.3 Results (B-C)	FY ¹	6.3 Results→FY17.3 Forecast (C-D)
		2Q	(A) Full Year	Revised	(B) Revised on Jan. 28	2Q	(C) Full Year		(Year	Changes	Remarks (billion yen)	Changes Remarks (billion yen)	Changes	Remarks (billion yen)
	Number of Employees	21,395	20,982	21,901	21,901	21,486	20,844	21,316	21,232	-138	Decrease in OGCL, etc.	-1,057 Decrease in OGCL, Jacobi Carbons AB, etc.	388	Increase in Jacobi Carbons AB, etc.
	Capital Expenditure (million yen)	55,871	119,398	125,319	125,319	51,407	114,418	58,210	109,559	-4979	Decrease in upstream business in Papua New Guinea, etc.	Decrease in upstream business in Papua New -10,901 Guinea, construction of LNG tanker, etc.	-4,859	Decrease in construction of LNG tank, etc.
Consolidated	Investment for Upgrading Existing Businesses	18,473	44,698	54,004	54,004	23,895	56,051	19,482	51,598	11352		2,047	-4,453	
	Investment for Expansion, Greenfield, and M&A	39,090	92,476	148,000	148,000	55,175	97,850	70,000	150,000	5,373	Increase due to participation in a construction phase US IPP Project (St. Charles Power Project), acquisition of Mizusawa Industrial Chemicals, and equity participation in Italian city gas distributor (Erogasmet S.p.A.), etc.	Decrease in Ichthys LNG projects in Australia, investment in real estate, construction of LNG -50,149 tanker, etc.		Increase in Ichthys LNG projects in Australia, investment in real estate, construction of LNG tanker, etc.
	Investment (million yen) (*b)	57,563	137,175	202,004	202,004	79,070	153,902	89,482	201,598	16,726		-48,101	47,696	
	Number of Employees (*a)	5,956	5,866	5,872	5,872	5,925	5,824	5,799	5,774	-42		-48	-50	
	Production Facilities	1,579	6,154	15,014	15,014	6,069		3,413	7,012		Increase in construction of LNG tank, earthquake prevention measures etc.	-1,371	-,	Decrease in construction of LNG tank, etc.
Non-	Distribution Facilities	15,793	33,271	35,094	35,094	16,622	38,811	14,378	35,651		Increase in pipeline construction, etc.	3,717	-3,160	
Consolidated	Service and Maintenance Facilities	1,367 187	6,460	5,470 1,111	5,470	1,672 505	,	.,	8,603 234		Back Action due to construction of a major PR facility in previous year, etc.	-795 448		Increased due to investments in dealing with market deregulation, etc.
	Incidental Business Facilities Capital Expenditure (million yen)	18,928	46,552	56,690	1,111 56,690	24,869	,	19,592	51,500	12,135		1,998	-1,325 -7,188	

(*a): excluding the seconded and including part-time workers (*b): including capital expenditure

3. Non-Consolidated (million yen)

		1		1		ī		1	(million yen)	1			1	
		FY15.3 Results	s	FY16.3 Forecas	t	FY16.3 Results	5	FY17.3 Forecas	st		FY15.3 Results→FY16.3)	FY16.3 Forecast Revised on Jan. 28→FY16.3 Results (B-C)	FY	16.3 Results→FY17.3 Forecast (C-D)
		2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28	2Q	(C) Full Year	2Q	(Year	Changes	Remarks (billion yen)	Changes Remarks (billion yen)	Changes	Remarks (billion yen)
Gas Sales reve	enue	418.930	938,991	773,200	762.400	368.486	757,197	277.600	613.000	-181 794	Fuel cost adjustment factor -214.5, Gas sales	Fuel cost adjustment factor +1.6, Gas sales -5,202 volume change-9.6, Others+2.8	-144 197	Fuel cost adjustment factor -180.6, Gas sales volume change+36.6, Others-0.2
Other Sales		153,676	312,843	281,300	282,600	143.944	282,536	127,900	274,000	-30,30	·	-63	-8,536	
	Miscellaneous operating revenue	62.829	•	129.800	129.800	61.868	133,217	59.300	125.300	-2.313	 	3,417	-7.917	
	Revenue from Gas Appliance Sales	49,382	105,002	100,700	100,700	48,717	102,594	45,900	95,600	-2,40	Decrease in sales volume	1,894 Increase in sales volume		Decrease in sales volume
	Revenue from Installation Work	10,473		23,400	23,400	10,304	24,795	10,100	23,500	47:		1,395	-1,295	
	Others	2,972	6,207	5,700	5,700	2,846	5,828		6,200	-379		128	371	
	Revenue for Incidental Businesses	90.846	177.312	151.500	152.800	82.075	149,318	68,600	148.700	-27.99	3	-3.481	-618	
	Electric Supply Business	55,402	100,616	_		48,395	86,262	_	_	-14,354	Decrease in sales unit price for JEPX, etc.	_	_	
	LNG Sales	28,697	63,418	_		27.317	50,812	_		-12 60!	Decrease in sales unit price due to lower LNG price	_	_	
	Others	6.746		_	_	6.363	12,243		_	-1.03		_	_	
Net Sales	_ Others	572.607	1.251.835	1.054.500	1.045.000	512.430		405.500	887.000	-212.10		-5.266	-152.733	
IVEL Gales	Fuel Costs	263 496	.,=,=	398.200	379.400	175.305	367.761	Í	287 000	-228.02	Fuel cost adjustment factor-283.9, Gas sales volume change-14.2, Others+70.1	Fuel cost adjustment factor-0.1, Gas sales	,	Fuel cost adjustment factor-111.4, Gas sales volume change+29.5, Others+1
	Labor Costs	32,783	000,700	67,400	67,400	33,071	67,724	35,200	70,000	-228,023 57	-	324 324		Decrease in retirement allowances
		81,651	180.795	181,400	181.400	78,527	187,479	80,700	174.100	6,684		6,079	-13,379	Decrease in retirement allowances
	Operating Expenses Depreciation Costs	26.972	,	54,300	54.300	25.894	53.669	26,700	54,600	-778		-630	930	
		1 '	· · · · · ·	· · · · · ·	,	1			·					
	Subtotal	141,406	· · · · · ·	303,100	303,100	137,493	308,873	142,600	298,700	6,47	/	5,773	-10,173	
	Other Expenses	126,664	1	254,200	254,500	122,190		115,300	253,800	-22,419)	-3,456	2,756	
	Miscellaneous Operating Expenses	57,834	129,687	120,100	120,100	55,010	122,254	51,500	110,900	-7,433	Decrease due to reduced sales expenses as	2,154	-11,354	Decrease due to reduced sales expenses as
	Expenses of Gas Appliance Sales	47,666	106,527	97.300	97,300	45,027	98,787	41,500	87,900	-7 73	part of streamlining of appliance marketing and reduced gas appliance sales, etc.	1,487 Increase in sales volume	-10 887	part of streamlining of appliance marketing and reduced gas appliance sales, etc.
	Expenses of Installation Work	10.168		22.800	22.800	9.982	23,466		23,000	30		666	-466	reduced gas appliance sales, etc.
	Expenses for Incidental Businesses	68,830	· · · · · ·	134,100	134,400	67,179	128,789	63,800	142,900	-14,98	•	-5,610	14.110	
	Electric Supply Business	35,172	72.255	1	134,400	38.377	73,153		142,300	14,98			14,110	
	LNG Sales	27,962	59,927	_	_	23,638	44,848	_			Due to lower LNG price	_	_	
	Others	5.695		_		5.164	10.788	 		-15,07		_	_	
Operating Expe		531.567	· · · · · ·	955.500	937.000	434.989	927,678	381,500	839,500	-243.966		-9.321	-88.178	
		41.039	1 ' '		108.000	77.441		24.000	47.500	31.86		4.054	-64.554	
Operating Inco		· · · · · ·	,	5.000	,	5.426	112,054	1	10.000	,		-3.705	,	
Gross Margin o	of Non-Operating	5,242	,	,	5,000	,	1,294	,	,	-6,769		, and the second	8,705	
	Non-Operating Income	10,352	20,528	15,200	15,200	10,577	16,647	13,500	19,500	-3,880	Increase in dividend income	1,447 Increase in miscellaneous income, etc.	2,852	Increase in dividend income
	Non-Operating Expenses	5,109	12,463	10,200	10,200	5,151	15,352	4,500	9,500	2,888	Increase in loss on valuation of shares of subsidiaries and associates	Increase in loss on valuation of shares of 5,152 subsidiaries and associates	-5,852	Decrease in loss on valuation of shares of subsidiaries and associates
	Financial Expenses	3,745	8,003	8,995	8,995	4,426	8,679	4,268	8,518	670	5	-316	-161	
Ordinary Incom	ne	46,282	88,255	104,000	113,000	82,867	113,349	33,000	57,500	25,094	1	349	-55,849	
Extraordinary I		12.444	10.377						-	-10.37	Back action to income on sales of investment securities in previous year			
	ncome (Current and Deferred)	16,281	,	29.500	31.500	22.277	30,064	6.500	12,500	1.710	' ' '	-1.435	-17.564	
Net Income	(Current and Deterred)	42.445		74,500	81,500	60.590	83,285	26,500	45.000	13.000		1.785	-38.285	
iver income		42,445	/0,285	/4,500	81,000	00,390	83,285	20,300	45,000	13,000	<u>′</u> I	1,700	-38,285	<u> </u>

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-0.2

4. Breakdown of Gross Margin

of Gross Margin								(million yen)					
	FY15.3 Result	ts	FY16.3 Forec	ast	FY16.3 Results	;	FY17.3 Foreca	ast	FY15.3 Results→FY16.3)	FY16.3 Forec	ast Revised on Jan. 28→FY16.3 Results (B-C)	FY.	16.3 Results→FY17.3 Forecast (C-D)
	2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28	2Q	(C) Full Year	2Q	(Year	Changes Remarks (billion yen)	Changes	Remarks (billion yen)	Changes	Remarks (billion yen)
of Gas Sales	155,434	4 343,205	5 375,000	383,000	193,180	389,435	154,000	326,000	Fuel cost adjustment factor+69.3, Gas sales 46,230 volume change-12.6, Others-10.4				Fuel cost adjustment factor-69.2, Gas sales volume change+7, Others-1.2
Gross Margin of Gas Appliance Sales	1,716	6 -1,525	5 3,400	3,400	3,689	3,806	4,400	7,700	Increase due to reduced sales expenses as 5,332 part of streamlining of appliance marketing, etc.	406			Increase due to reduced sales expenses as part of streamlining of appliance marketing, et
Gross Margin of Installation Work	305	5 1,161	1 600	600	322	1,328	100	500	167	728		-828	
Others	2,972	2 6,207	5,700	5,700	2,846	5,828	3,300	6,200	-379	128		371	
Gross Margin of Miscellaneous Operating	4,994	5,843	9,700	9,700	6,858	10,963	7,800	14,400	5,120	1,263		3,436	
Electric Supply Business	20,230	28,361	1 –		10,017	13,109	_	_	Decrease in sales unit price -15,252 for JEPX etc.	_		_	
LNG Sales	734	3,490	o –	. _	3,678	5,964	_	_	2,474 Impact of fuel cost adjustment	_		_	
Others	1,051			_	1,199	1,454	_	_	-230	_		_	
Gross Margin of Incidental Businesses	22,016	33,537	7 17,400	18,400	14,895	20,528	4,800	5,800	-13,008	2,128		-14,728	Mainly decrease in Electric Supply Business
	27,011	1 39,380	27,100	28,100	21,754	31,492	12,600	20,200	-7,888	3,392		-11,292	
on Fuel Cost Adjustment System	7,134	12,362	2 64,57	79,987	51,080	81,712	9,921	12,469	69,349	1,724		-69,242	
	of Gas Sales Gross Margin of Gas Appliance Sales Gross Margin of Installation Work Others Gross Margin of Miscellaneous Operating Electric Supply Business LNG Sales Others Gross Margin of Incidental Businesses	FY15.3 Result 2Q	FY15.3 Results 2Q	FY15.3 Results FY16.3 Forec. Revised on Oct. 28 of Gas Sales 155,434 343,205 375,000 Gross Margin of Gas Appliance Sales 1,716 -1,525 3,400 Gross Margin of Installation Work 0thers 2,972 6,207 5,700 Gross Margin of Miscellaneous Operating 4,994 5,843 9,700 Electric Supply Business 20,230 28,361 LNG Sales 734 3,490 Others 1,051 1,685 Gross Margin of Incidental Businesses 22,016 33,537 17,400 27,011 39,380 27,100	FY15.3 Results FY16.3 Forecast Revised on Oct. 28	FY15.3 Results	FY15.3 Results FY16.3 Forecast FY16.3 Forecast FY16.3 Results Revised on Oct. 28 GROSS Sales 155,434 343,205 375,000 383,000 193,180 389,435 Gross Margin of Gas Appliance Sales 1,716 -1,525 3,400 3,400 3,689 3,806 Gross Margin of Installation Work Others 2,972 6,207 5,700 5,700 2,846 5,828 Gross Margin of Miscellaneous Operating 4,994 5,843 9,700 9,700 6,858 10,963 Electric Supply Business 20,230 28,361 10,017 13,109 LNG Sales Others 1,051 1,685 3,678 5,964 Others Gross Margin of Incidental Businesses 22,016 33,537 17,400 18,400 14,895 20,528 27,011 39,380 27,100 28,100 21,754 31,492	FY15.3 Results FY16.3 Forecast FY16.3 Results FY17.3 Forecast Revised on Oct. 28 Oct. 29 (C) Full Year 20 (C	FY15.3 Results FY16.3 Forecast FY16.3 Results FY1	FY15.3 Results FY16.3 Fore-ast FY16.3 Results FY1	FY15.3 Results FY16.3 Forecast FY16.3 Fore	FY15.3 Results FY16.3 Forecast FY16.3 Fore	FY15.3 Results FY16.3 Forecast Revised on Jan. 28 - FY16.3 Forecast Revised on J

42.5

120.0

-41.7

10.4

-2.4

-1.1

5. Gas and Electric Power Sales Volume

Crude Oil Price (\$/bbl)

Exchange Rate (yen/\$)

109.5

103.0

90.4

109.8

56.9

123.4

51.1

121.3

58.9

121.9

48.7

120.2

40.0

120.0

	FY15.3 Result	S	FY16.3 Forecas	st	FY16.3 Results	į	FY17.3 Foreca	st		FY15.3 Results→FY16.3)	FY16.3 Forecast Revised	on Mar. 10→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
	2Q	(A) Full Year	Revised on Jan. 28	(B) Revised on Mar. 10	(E) 2Q	(C) Full Year	2Q	(Year	Changes	Remarks	Changes	Remarks	Changes	Remarks
Averaged Temperature (°C)	23.0	16.8	17.1	17.3	23.2	17.4	23.3	17.0	0.6		0.1		-0.3	
Gas Sales per Household (m3/month)	22.2	30.9	30.0	29.7	21.8	29.3	21.6	29.7	-1.7		-0.4		0.4	
Residential	785	2,186	2,133	2,108	774	2,083	771	2,127	-103	-4.7%	-25 -1.2%		44	2.1%
Non-residential	2,790	5,599	5,483	5,474	2,740	5,469	2,923	5,837	-130	-2.3%	-6 -0.1%		368	6.7%
Commercial	435	857	831	839	434	833	444	862	-24	-2.9%	-6 -0.8%		29	3.5%
Public and Medical	295	608	582	581	289	577	301	603	-31	-5.1%	-5 -0.8%		26	4.5%
Industrial	2,060	4,133	4,070	4,053	2,017	4,059	2,178	4,373	-74	-1.8%	6 0.1%		314	7.7%
Wholesale	221	474	466	466	224	469	232	483	-5	-1.0%	3 0.6%		14	3.0%
Total Gas Sales Volume (million m3) *45MJ/m3	3,795	8,259	8,081	8,049	3,738	8,021	3,926	8,447	-238	-2.9%	-28 -0.3%		427	5.3%
Supply for Non-Regulated Customers	2,384	4,755	4,658	4,643	2,332	4,647	2,504	4,991	-107	-2.3%	4 0.1%		344	7.4%
Number of Meters Installed (thousand)	7,158	7,196	7,248	7,248	7,215	7,252	7,266	7,298	56		4		46	
Installation of New Meters (thousand)	45	107	109	108	46	109	43	109	3		1		0	

(Reference) Consolidated Gas Sales Volume

	FY15.3 Result	ts	FY16.3 Foreca	ıst	FY16.3 Results	3	FY17.3 Forecas	st		FY15.3 Results→FY16.3)	FY16.3 Forecast Rev	ised on Mar. 10→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
	2Q	(A) Full Year		(B) Revised on Mar. 10		(C) Full Year	2Q	(Year	Changes	Remarks	Changes	Remarks	Changes	Remarks
Osaka Gas	3,79	5 8,259	8,081	8,049	3,738	8,021	3,926	8,447	-238		-28		427	
Nabari Kintetsu Gas	12.	0 22.5	23.1	23.1	12.5	23.1	12.5	23.4	0.7		0.0		0.3	
Toyooka Energy	4.:	3 7.6	7.6	7.6	4.3	7.5	4.3	7.7	-0.1		-0.1		0.2	
Shingu Gas	0.	7 1.2	1.1	1.1	0.7	1.1	0.7	1.2	0.0		0.0		0.0	
Total Gas Sales Volume (million m3) *45MJ/m3	3,81	2 8,290	8,113	8,080	3,756	8,052	3,944	8,480	-238		-28		427	

(Reference) Consolidated Electric Power Sales Volume

	FY15.3 Results	s	FY16.3 Foreca	ast	FY16.3 Result	s	FY17.3 Foreca	ıst		FY15.3 Results→FY16.3)	FY16.3 Forec	ast Revised on Jan. 28→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
				(B) Revised										
	2Q	(A) Full Year	on Oct. 28	on Jan. 28	2Q	(C) Full Year	2Q	(Year	Changes	Remarks	Changes	Remarks	Changes	Remarks
Electric Power Sales Volume (GWh)	_	8,364	8,420	8,680	_	8,503	_	7,553	139	1.7%	-177	-2.0%	-950	-11.2%

6. Sales of Major Gas Appliances

		FY15.3 Result	s	FY16.3 Foreca	ast	FY16.3 Result	s	FY17.3 Foreca	ast		FY15.3 Results→FY16.3)	FY16.3 Fored	ast Revised on Jan. 28→FY16.3 Results (B-C)	FY	16.3 Results→FY17.3 Forecast (C-D)
		2Q	(A) Full Year		(B) Revised on Jan. 28		(C) Full Year	2Q	(Year	Changes	Remarks	Changes	Remarks	Changes	Remarks
Floor Heating	(1,000 units)	67	129	117	117	54	112	55	112	-17	-13.2%	-5	-4.3%	0	0.0%
Bathroom Heater and Drier	(1,000 units)	32	67	58	58	29	61	27	55	-7	-9.7%	3	4.3%	-6	-9.1%
Mist Sauna	(1,000 units)	18	35	20	20	13	26	10	21	-9	-25.7%	6	30.0%	-5	-19.6%
Ecowill (Residential Co-generation)	(1,000 units)	1.5	2.6	1.5	1.5	1.0	1.8	0.6	1.3	-0.8	-30.8%	0.3	20.0%	-0.5	-27.8%
Enefarm (Residential Fuel Cell)	(1,000 units)	8.2	13.8	12.3	12.3	6.3	11.3	8.5	15.0	-2.5	-17.9%	-1.0	-8.1%	3.7	32.7%
Air-conditioning Systems	(1,000 Refrigeration tons)	99	171	170	170	99	177	100	170	6		7		-7	

7. Breakdown of Operating Expenses (excluding Fuel Costs, Labor Costs, Depreciation Costs)

(million yen)

	FY15.3 Result	s	FY16.3 Forecas	st	FY16.3 Results	3	FY17.3 Forec	ast	F`	/15.3 Results→FY16.3 Results (A-C)	FY16.3 Forecast Revised on Jan. 28→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
	2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28	2Q	(C) Full Year	2Q	(D) Full Year	Changes	Remarks (billion yen)	Changes Remarks (billion yen)	Changes	Remarks (billion yen)
Repairing Costs	13,796	31,574	30,700	30,700	13,411	31,819	13,800	30,300	244		Increase in repair work on LNG terminal		Decrease in repair work on LNG terminal facilities
Supplies Expenses	2,885	6,008	6,000	6,000	2,347	6,141	2,500	5,800	132		141	-341	
Rent	5,228	10,447	10,500	10,500	5,307	10,523	5,000	10,100	75	5	23	-423	
Consigned Work Expenses	23,300	51,088	53,100	53,100	23,178	52,005	24,800	52,900	916		-1,094 Decrease in cost of system development, etc.	894	
Тах	13,314	27,985	26,500	26,500	12,988	26,088	12,100	24,600	-1,897	Decrease in Enterprise tax	-411	-1,488	Decrease in Enterprise tax
Sales Promotion Expenses	7,182	18,621	17,600	17,600	5,678	19,889	6,200	15,800	1,267	Increase in provision for equipment warranties	2,289 Increase in provision for equipment warranties	-4,089	Decrease in provision for equipment warrantie
Retirement Costs of Fixed Assets	3,929	7,618	8,000	8,000	3,760	14,261	4,000	8,100	6,643	Increase in expenses reserved for gas pipe replacements	Increase in expenses reserved for gas pipe 6,261 replacements		Decrease in expenses reserved for gas pipe replacements
Miscellaneous Expenses	4,831	10,333	11,300	11,300	4,717	9,980	4,900	10,100	-352		Decrease in overseas investigation expenses, -1,319 etc.	119	
Other Expenses	7,182	17,115	17,700	17,700	7,137	16,770	7,400	16,400	-345	5	-929	-370	
Total	81,651	180,795	181,400	181,400	78,527	187,479	80,700	174,100	6,684		6,079	-13,379	

8. Free Cash Flow

(1) Consolidated (million yen)

		FY15.3 Results	3	FY16.3 Foreca	st	FY16.3 Results	6	FY17.3 Foreca	ist		FY15.3 Results→FY16.3)	FY16.3 Forecast Re	vised on Jan. 28→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
		2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28		(C) Full Year	2Q	(Year	Changes	Remarks (billion yen)	Changes	Remarks (billion yen)	Changes	Remarks (billion yen)
	Income before Income Taxes and Minority Interests	70,699	121,428	130,000	137,000	92,961	122,865	38,000	78,000	1,436		-14,134		-44,865	
	Income Taxes Paid	-22,671	-38,909	-40,291	-35,656	-21,259	-36,504	-23,113	-29,035	2,404		-847		7,468	
	Depreciation Costs	42,881	87,785	84,537	84,537	42,262	86,747	41,297	86,662	-1,038		2,209		-84	
	Internal Reserves	-35,635	-13,395	31,729	31,729	40,462	108,710	-100,399	29,255	122,106		76,981		-79,455	
Net Cash Prov	vided by operating activities	55,274	156,908	205,975	217,610	154,426	281,819	-44,214	164,882	124,910		64,208		-116,936	
-Capital Exper	nditure	-18,473	-44,698	-54,004	-54,004	-23,895	-56,051	-19,482	-51,598	-11,352		-2,047		4,453	
	Free Cash Flow	36,801	112,210	151,971	163,606	130,530	225,767	-63,697	113,526	113,557		62,161	·	-112,241	

*[- Capital Expenditure] excludes capital investment for maintaining or upgrading existing businesses, and is not equal to the announced CAPEX because the figures here are on cash flow basis.

(2) Non-Consolidated								(million yen)						
	FY15.3 Results	S	FY16.3 Foreca	ast	FY16.3 Results	3	FY17.3 Foreca	ast		FY15.3 Results→FY16.3)	FY16.3 Forec	ast Revised on Jan. 28→FY16.3 Results (B-C)	FY1	6.3 Results→FY17.3 Forecast (C-D)
	2Q	(A) Full Year	Revised on Oct. 28	(B) Revised on Jan. 28		(C) Full Year	2Q	(Year	Changes	Remarks (billion yen)	Changes	Remarks (billion yen)	Changes	Remarks (billion yen)
Income before Income Taxes and Minority Interests	58,726	98,632	104,000	113,000	82,867	113,349	33,000	57,500	14,717		349		-55,849	Decrease in gross margin of gas sales
Income Taxes Paid	-13,671	-22,218	-27,281	-26,620	-15,749	-26,658	-19,888	-21,454	-4,439		-37		5,204	
Depreciation Costs	27,531	55,708	55,598	55,598	26,492	55,010	27,161	55,603	-697		-587		592	
										Increase in inventories and accounts		Increase in inventories and accounts		
Internal Reserves	-32,916	-21,695	22,084	22,084	41,931	79,332	10,708	28,157	101,027	receivable, etc.	57,247	receivable, etc.	-51,174	
Net Cash Provided by operating activities	39,669	110,427	154,401	164,061	135,543	221,034	50,980	119,807	110,607		56,972		-101,227	
-Capital Expenditure	-18,473	-44,698	-54,004	-54,004	-23,895	-56,051	-19,482	-51,598	-11,352		-2,047		4,453	
Free Cash Flow	21,196	65,728	100,397	110,057	111,647	164,982	31,498	68,450	99,254		54,924		-96,532	

*[- Capital Expenditure] excludes capital investment for maintaining or upgrading existing businesses, and is not equal to the announced CAPEX because the figures here are on cash flow basis.

<Disclaimer>

Certain statements contained herein are forward-looking statements, strategies and plans, which reflect our judgment based on information available to date. Actual results may differ materially from those discussed in such statements. Among the factors that could cause actual results to differ materially are: economic trends in Japan, sharp fluctuations in exchange rate and oil prices, and extraordinary weather conditions.

Segment and Subsidiaries Information for the Fiscal Year ended March 2016

(mil	

		Net Sales													(million yen)
Equity	ber of Consolidated Subsidiaries 145, / Method Affiliates 13	FY15.3 Results		FY16.3 Fore	annt.	FY16.3 Resul	**	FY17.3 Forec	ant	EV	15.3 Results→FY16.3 Results (A-C)	FY	15.3 Forecast Revised on Jan. 28→ FY15.3 Results (B-C)	EVI	16.3 Results→FY17.3 Forecast (C-D)
FY16.3 end: Numb Equity	ber of Consolidated Subsidiaries 149, / Method Affiliates 16			Revised	(B) Revised										
(Equity in earnings	s of affiliates included in the segment total)	2Q —	(A) Full Year	on Oct. 28	on Jan. 28	(E) 2Q	(C) Full Year	2Q	(D) Full Year	Changes —	Remarks	Changes	Remarks	Changes	Remarks
Gas	s of animates included in the segment total/	510,326	1.136.975	963,900	953,100	458,654	948,501	364,100	796,100	188,474		▲4.599		▲152.401	
		,	.,,,			,	0.0,00.	,,			Decrease in sales unit price				
	Osaka Gas	481.760	1.074.523	903.000	892,200	430,355	890,415	336,900	738.300		due to lower LNG price and gas sales volumes, etc.	▲ 1.78/	Decrease in gas sales volumes, etc.	▲ 152 115	Decrease in sales unit price due to lower LNG price, etc.
		1		1							and gas saids volumes, etc.	— 1,70	Decircuse in gas saids voluntes, etc.		Increase in contracted work
	Osaka Gas Customer Relations Osaka Gas Housing & Equipment	6,341 6,455	12,661 14,953	12,403 15,809	12,403 15,809	6,204 6,849	12,430 15,481	7,824 6,983	15,707 16,180	▲ 231 +528		+26 ▲32		+3,276 +698	revenue
	out of the second of the secon	0,100											Increase in contracted work		
	Kansai Business Information	3,862	9,111	7,275	7,275	3,392	8,390	3,125	7,500	▲720		+1,115	revenue from power retail business	▲890	
											Decrease back action to adjustment				
	OGCTS *1	12,115	24,949	22,416	22,416	11,886	23,039	12,424	24,034		payments resulting from cancellation of energy service contracts in previous year	+623		+995	Due to transfer of business
L	Osaka Gas Security Service	4,520	9,071 15.309	8,764	8,764	4,360	8,920 14,671	4,214	8,699	▲ 150		+156		▲220	
	Kinpai s of affiliates included in the segment total)	5,715 —	15,309	14,198	14,198	5,486 —	14,671	5,811 —	14,880	▲ 637	=	+473	_	+209 -	=
	, and Other Energies	119,499	243,746	213,100	207,300	103,890	206,433	84,300	190,800	▲37,313		▲867		▲15,633	
	Osaka Gas	90.846	177.312	151.500	152.800	82.075		148.700	148,700		Decrease in Electric and LNG supply business			▲ 618	
					***************************************	***************************************	149,318						Mainly decrease in LNG supply business		
	Liquid Gas *2	6,776	13,223	10,874	10,874	5,302	10,769	2,237	4,450	▲2,454	Decrease in sales volume	▲104		▲6,318	Due to transfer of business
	Osaka Gas LPG	7,220	15,644	14,187	13,285	6,160	13,352	5,618	12,985	▲2,292	Decrease in sales unit price due to lower CP price	+67	,	▲367	
		T								••••••	Decrease in sales unit price due to lower				Decrease in sales unit price due to lower
	Nissho Petroleum Gas	8,222	18,536	14,458	13,675	6,214	14,114	4,128	10,360	▲ 4,421	CP price	+439		▲3,753	CP price
											Decrease in unit sales price due to lower CP and oil price and reduced sales volume	e	Decrease in sales volume of kerosene and		Increase in sales volume of kerosene and LPG
	Nissho Propane Sekiyu *3	5,536	16,432	18,318	14,114	4,010	11,797	4,227	15,481	▲4,635	of kerosene, etc.	▲2,317		+3,683	Due to integration
(Equity in earnings International En	s of affiliates included in the segment total) ergy Businesses	6,545	13,714	20,300	19,300	10,762	 18,701	8,700	22,700	+4.986			_	+3.999	_
		* 5			,	,		-,		,	Due to integration			,	
	Osaka Gas USA Corporation *4	104	912	10,812	9,814	6,290	8,836	3,910	9,380		Freeport related	▲978		+544	
	Osaka Gas Energy America Corporation	3,483	5,189	T		_		_			Due to integration				
	Osaka Gas Resources America Corporation	271	356						ļ	▲356	Due to integration				
	Osaka Gas International Transport	663	3.164	5.075	5.075	2.358	5.157	2.555	6.144	+1.993	Influenced by operation of an LNG tanker (No. 7 in the fleet)	+82		+986	
	Idemitsu Snorre Oil Development	1			***************************************										
(Equity in earnings	(Affiliated company recorded by equity) s of affiliates included in the segment total)					_					<u> </u>	+-			
	d Non-Energy Businesses	93,315	207,521	229,100	227,200	100,274	221,702	103,400	221,300	+14,180		▲5,498		▲402	
Real Estate		10.893	28.389	23.647	23.647	8.571		10.445	21.991		Decrease in condominium				Decrease in condominium
	Osaka Gas Urban Development	10,893	28,389	23,647	23,647	8,5/1	23,636	10,445	21,991	▲4,/52	apartment sales	▲11		▲1,645	apartment sales
Information	Osaka Gas Information System Research Institute	12,591	30,761	33,743	33,743	15,028	35,886	14,576	34,040	+5,124	Increase in system development Due to integration	+2,142	Increase in system development	▲1,846	Decrease in system development
Technology	Sakura Information Systems	9,244	18,969	19,360	19,360	9,171	18,288	9,563	19,415	▲680		▲ 1,071	Decrease in system development	+1,126	Increase in system development
-	Ube Information Systems	2,571	6,023	5,520	5,520	2,636	5,833	3,002	5,966	▲189		+313		+132	
	Osaka Gas Chemicals	6,502	12,659	31,328	31,328	13,664	27,944	14,890	32,853	+15.285	Due to integration	▲3.383	Decrease in sales of fine materials, etc.	+4.908	Increase in sales of fine materials, etc.
Advanced Materials	Japan EnviroChemicals *6	7,455	15,229	_	_	-		_			Due to integration	-	-	-	-
materials				<u>†</u>	* ·······	1					Increase in sales of activated				Increase in sales of activated
	Jacobi Carbons AB OG Sports	9,987 7,225	21,614 14,504			12,384 7,536	25,299	13,399 7,735	28,705 15,553	+3,684	carbon materials	▲313 ▲22			carbon materials
Others	Osaka Gas Finance	7,225 5,075	10,091	9,898	9,898	7,536 5,023	15,323 10,766	7,735 4,895	9,892	+675		+867		+229 ▲873	
	Osaka Gas Engineering	2,939	9,554	12,903 7,594	12,903	3,983 3,762	11,052	2,555	9,196	+1,497		▲1,850	Decrease in sales from plant works		Decrease in sales from plant works
	Osaka Gas Autoservice	3,569	7,250	7,594	7,594	3,762	7,528	3,609	7,370	+278		▲ 65		▲ 158	
	Osaka Gas Research Institute of Behavior Observation *7	1,373	2,238	200	200	200	298	_	_	▲ 1 0.4∩	Due to integration	±(▲298	
	Osaka Gas Business Create	4,034	8,574	9,904		298 4,108	9,280	4,358	9,161	+706	Duo to megration	▲623		▲119	
	Osaka Gas Excellent Agency *8	1,726	3,482	3,505	3,505	1,684	3,397	1,754		▲ 84		▲107		▲3,397	Due to sale of businesses
(Equity in earnings Subtotal	s of affiliates included in the segment total)	- 729.687	1.601.957	1.426.400	1.406.900	- 673.580	1,395,339	— 560.500	1.230.900	— ▲206.618	-	— ▲11.561	_	— ▲164.439	_
Elimination and	Consolidation	-32,076	-73,793	-67,900	.,,	-32,162	-73,326	-27,500	-60,400	+467		▲5,426		+12,926	
Total		697.611	1.528,164	1.358.500	1.339.000	641,418	1,322,012	533,000	1,170,500	206 152		▲16.988		▲ 151.512	

 $[\]frak{\%}1$ The company name has been changed to "OGCTS" since January 1st, 2015.

X2 Subsidiary Liquid Gas has changed its name to" Osaka Gas Liquid" effective April 1st, 2016. Its LNG and LPG business for commercial and industrial uses was transferred to OGCTS

³ Affiliated companies Nissei and Toko sangyo have been merged with Nissho Propane Sekiyu effective April 1, 2016.

^{💥 9} Osaka Gas Freedom Energy Corporation as the surviving company, Osaka Gas Energy America Corporation and Osaka Gas Resources America Corporation were integrated.

³⁵ Record of the surviving company Osaka Gas Freedom Energy Corporation

³⁶ Japan EnviroChemicals has been merged into Osaka Gas Chemicals effective April 1, 2015.

X7 Osaka Gas Information System Research Institute merged with Osaka Gas Research Institute of Behavior Observation effective July 1, 2015

[&]amp;8 An affiliate Osaka Gas Excellent Agency was divested on April 1, 2016.

Segment and Subsidiaries Information for the Fiscal Year ended March 2016

	yen

Equity FY16.3 end:Numb Equity	per of Consolidated Subsidiaries 145, Method Affiliates 13 For of Consolidated Subsidiaries 149, Method Affiliates 16 of affiliates included in the segment total)	FY15.3 Result		FY16.3 Fore	cast (B) Revised	FY16.3 Resu		FY17.3 Forec	ast	FY	15.3 Results→FY16.3 Results (A-C)	FY	/15.3 Forecast Revised on Jan. 28→ FY15.3 Results (B-C)	FY	6.3 Results→FY17.3 Forecast (C-D)
Equity FY16.3 end: Numb Equity (Equity in earnings	Method Affiliates 13 er of Consolidated Subsidiaries 149, Method Affiliates 16	2Q		Revised		FY16.3 Resu	ults	FY17.3 Forec	ast	FY	15.3 Paculte→EV16.3 Paculte (A-C)	FY		FY	6.3 Results→FY17.3 Forecast (C-D)
Equity (Equity in earnings	Method Affiliates 16	2Q		Revised		1 110.5 Nest	ills	TTTT.3 TOTEC	ast						
(Equity in earnings			(A) Full Year		(B) Revised						10.0 Nesuits 1110.0 Nesuits (A 0)				
	of affiliates included in the segment total)														
	of affiliates included in the segment total)			on Oct. 28	on Jan. 28	(E) 2Q	(C) Full Year	2Q	(D) Full Year		Remarks	Changes	Remarks	Changes	Remarks
Gas			-248	40	40	92	44	64	13	+293		+4		▲30	
		21,273	50,293	85,000	93,000	64,877	95,724	21,500	45,500	+45,430		+2,724		▲50,224	
											Increase in gross margin of gas sales due		Increase in gross margin of gas sales due		Decrease in gross margin of gas sales due
	Osaka Gas	19,022	46,653	81,600	89,600	62,545	91,526	19,200	41,700	+44,873	to fuel cost adjustment system, etc.	+1,926	to fuel cost adjustment system, etc.	▲49,826	to fuel cost adjustment system, etc.
	Osaka Gas Customer Relations	190	25.0	245	245	241	249	279	484	A =				+234	
	Osaka Gas Gustomer Relations Osaka Gas Housing & Equipment	-7	264	338	338	241	357		420	+93		+19		+ 62	
	Osaka das Housing di Equipment								720	1.30					
	Kansai Business Information	267	471	217	217	105	370	5.6	263	▲100		+153		▲107	
	ransai Dusiness Information	207				103	9/0	4	203			1 100	······	-10/	
	OGCTS *1 Osaka Gas Security Service	979 114	1,353 242	1,180 170	1,180 170	1,032	1,455	934	1,376 142	+102 ▲59		+275 +12		∆ 78	
	Osaka das Security Service Kinnai	11	374	198		92	183 312		284	▲ 61		+114		▲ 40	
	of affiliates included in the segment total)		-570	-10	-735	-669	-904	123	445	▲334		±114 ▲169		+1.350	
	and Other Energies	25,743	41.697	26,000	26,000		28,852					+2,852		▲ 15.352	
, and a survey,	-2-9-2-		,00		22,000	, , , 0 0		2,000	, 000		Decrease in electric supply	,502	Increase in electric and LNG supply		Mainly decrease in electric supply
	Osaka Gas	22.016	33.537	17,400	18,400	14,895	20,528	4.800	5,800	▲13.008	business	+2.128	Increase in electric and LNG supply business	▲14.728	business
					•	†	1	*	†		Dadii 1000		•		······
	Liquid Gas *2	710	1,309	1,274	1,274	545	1,123	239	620	▲186		▲ 150	<u> </u>	▲ 503	Due to transfer of business
	Osaka Gas LPG	329	742	717	676	321	749	341	841	+6		+72		+92	
r	Nissho Petroleum Gas	23	192	158	158	-24	180	-23	89	▲ 11		+22	2	▲90	
	Nissho Propane Sekiyu *3	-15	108	190	90	-71	47	14	283	▲60		▲42	2	+235	
	of affiliates included in the segment total) ergy Businesses	4,758 7 4.971	7,511 1,261	-421 4.500	-1,797 2,500	-160 3.667	-4,594	-845 -2.000	-1,659 1.500	▲12,105 ▲1.538	Freeport related	▲2,796 ▲2,777	,	+2,934 +1.777	
international Ene	ergy businesses	4,971	1,20	4,500	2,500	3,007	-277	-2,000	1,500	▲1,538		▲ 2,111		+1,///	
		※ 5									Due to integration				
	Osaka Gas USA Corporation *4	-111	-7,512	5,019	4,376	3,576	3,434	1	2,933		Freeport related		Freeport related	·····	Increase in investigation expenses, etc.
	Osaka Gas Energy America Corporation	1,644	2,303	_	_		_			▲2,303	Due to integration		_		_
	Osaka Gas Resources America Corporation	-248	-454	ı –	_	_	_	_	_	+454	Due to integration	_	_	_	_
											Influenced by operation of an LNG tanker				
	Osaka Gas International Transport	-943	-373	943	943	354	985	439	1.146	+1.359	(No. 7 in the fleet)	+41		+160	
1	Idemitsu Snorre Oil Development			1		1	İ	T	T			1			Rebound from impairment loss in previous
	(Affiliated company recorded by equity)	3,108	3,815	2,426	1,050	999	159				Due to lower petroleum price		Due to impairment loss	+1,079	year
	of affiliates included in the segment total)		297	591	591	436	916	156	300	+618		+324		▲616	
Environment and	Non-Energy Businesses	5,370	16,581	21,000	20,000	7,487	18,834	8,500	22,000	+2,252		▲1,166	3	+3,166	
Real Estate											Decrease in condominium				
	Osaka Gas Urban Development	3,500	6,700	5,979	5,979	2,988	6,148	3,059	5,942	▲551	apartment sales	+169		▲206	
1 1											Increase in system development				
	Osaka Gas Information System Research Institute	134	2,845	3,353	3,353	1,128	3,857	767	3,620	+1,011	Due to integration	+504	Increase in system development	▲237	Decrease in system development
Technology	Sakura Information Systems	54	422	537	537	32	60	233	723	▲361		▲ 476	Decrease in system development	+663	Increase in system development
	Ube Information Systems	-1	137	120		-134		50	200	36		▲ 19)	+99	and date in cyclem development
ĺ	•												Decrease in sales of fine		
	Osaka Gas Chemicals	58	-160	1.621	1,621	297	550	589	1.969	+710	Due to integration	▲1.071	materials, etc.	+1.419	Increase in sales of fine materials, etc.
Advanced	Japan EnviroChemicals *6	620	1.218		1,521	1		500	.,500	• • • • • • • • • • • • • • • • • • • •	Due to integration				
Materials	Japan ⊑riviro∪nemicals *ti	020	1,218	<u> </u>		 		 	 	▲ 1,218	Due to integration	 	-	<u> </u>	-
1		1		l				l .	l .	l			1		Increase in sales of activated
	Jacobi Carbons AB	1,250	2,846	4,029	2,991	1,333	2,714	1,814	4,559	▲ 132		▲276			carbon materials
	OG Sports Osaka Gas Finance	807 867	1,676 1,552	1,881	1,881 1,530	7 /8 840	1,920 1,518	864 740	2,025	+243 ▲34		+39 ▲11	<u> </u>	+105 ▲178	
						†				• • • • • • • • • • • • • • • • • • • •				()	{
	Osaka Gas Engineering Osaka Gas Autoservice	-11 248	644 496	470	470 285	-40 133	550 275	-37 159	387	▲93 ▲221		+80 ▲9		▲163 +102	
		248	491	285	∠85	133	2/5	159	377	▲ ZZ1		▲ 9	'	+ 102	
Others		1		1					1	1					
Others	Osaka Gas Research Institute of			_60	-68	-68	-68	<u> </u>	669	▲ 103		±0	<u> </u>	+68	
Others	Behavior Observation *7	-42	35	00											
Others	Behavior Observation *7 Osaka Gas Business Create	-42 346	35 685	738	738	281	633	282	669	▲ 52				+35	
Others	Behavior Observation *7 Osaka Gas Business Create Osaka Gas Excellent Agency *8	346	17	20	20	4	2	-2	_	▲15		▲17)	▲2	
Others (Equity in earnings	Behavior Observation *7 Osaka Gas Business Create	346 4,799 6	17	200	-1,900	-300	-4,538	-2 -500	-900	▲15 ▲11,528	_	▲17 ▲2,637	_	▲ 2 +3,638	_
Others (Equity in earnings Subtotal	Behavior Observation *7 Osaka Gas Business Create Osaka Gas Excellent Agency *8 of affiliates included in the segment total)	4,799 6 57,359	17 3,990 109,834	200 200 136,500	20 -1,900 141,500	-300 93,022	2 -4,538 143,133	-2 -500 36,000	-900 82,500	▲15 ▲11,528 +33,298	_	▲17 ▲2,637 +1,633	_	+3,638 ▲60,633	-
Others	Behavior Observation *7 Osaka Gas Business Create Osaka Gas Excellent Agency *8 of affiliates included in the segment total)	346 4,799 6	17	200	20 -1,900 141,500 2,100	4 -300 93,022 745	2 -4,538 143,133	-2 -500 36,000 1,500	-900 82,500 2,100	▲15 ▲11,528 +33,298 ▲3,218	-	▲17 ▲2,637	_	▲ 2 +3,638	-

 $[\]frak{M1}$ The company name has been changed to "OGCTS" since January 1st, 2015.

³² Subsidiary Liquid Gas has changed its name to" Osaka Gas Liquid" effective April 1st, 2016. Its LNG and LPG business for commercial and industrial uses was transferred to OGCTS

³ Affiliated companies Nissei and Toko sangyo have been merged with Nissho Propane Sekiyu effective April 1, 2016.

³⁴ Osaka Gas Freedom Energy Corporation as the surviving company, Osaka Gas Energy America Corporation and Osaka Gas Resources America Corporation were integrated.

X5 Record of the surviving company Osaka Gas Freedom Energy Corporation

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