

Environmental Performance

We measure and monitor the impacts on the environment.
We promote our legal compliance based on these information.

FY2018 - Environmental Performance Data (Energy / water / chemicals / waste)

INPUT								
Sites	Energy use						Water [m³] *1	Chemicals handled [ton] *2
	Electricity [MWh]	Kerosene [kl]	Light oil [kl]	Gasoline [kl]	LPG [ton]	Town gas [km³]		
Tokyo HQs	2,580	--	0.1	0.1	1.6	22.8	13,577	--
Niigata	5,918	1.5	0.1	0.6	10.1	2.1	15,051	1.7
Omiya SC	119	--	--	--	--	--	--	--
FJFS (Maebashi)	815	--	--	--	--	--	--	--
Total	9,432	1.5	0.2	0.7	11.7	24.9	28,628	1.7

OUTPUT											
Sites	CO ₂ emissions [ton-CO ₂]						Water [m³]	Chemicals output [ton] *2	Waste [ton]		
	Electricity	Kerosene	Light oil	Gasoline	LPG	Town gas			Thermal recycle	Material recycle	Final disposal
Tokyo HQs	1,471	--	0.2	0.2	4.7	51.1	13,577	--	19.8	6.7	--
Niigata	3,373	3.8	0.2	1.6	30.3	4.4	15,051	1.4	130.6	22.6	1.8
Omiya SC	68	--	--	--	--	--	--	--	--	3.1	--
FJFS (Maebashi)	464	--	--	--	--	--	--	--	--	14.1	--
Total	5,376	3.8	0.4	1.8	35.0	55.5	28,628	1.4	150.4	46.5	1.8

*1: "Grand water" in Tokyo HQs and Niigata Plant has not been counted since FY2015.

*2: Chemicals to be controlled are based on Fujitsu rule. (except chemicals in a little use which is not applicable to law)

FY2018 - Environmental Performance Data (Legal Compliance)

Niigata Plant -- Groundwater Unit: [mg/L] Measuring pts.: 7 pts.				Tokyo HQs -- Groundwater Unit: [mg/L] Measuring pts.: 4 pts.			
Main Items *1	Results *2	Legal Sta.	Original Sta.	Main Items *1	Results *2	Legal Sta.	Original Sta.
Lead and its compounds	<0.001 - 0.001	0.01	0.005	Lead and its compounds	<0.002	0.01	0.005
Hexavalent chromium compounds	<0.01	0.05	0.025	Hexavalent chromium compounds	<0.005	0.05	0.025
Arsenic and its compounds	0.002 - 0.032	0.01	0.01	Arsenic and its compounds	<0.001 - 0.002	0.01	0.005
Fluorine and its compounds	<0.08 - 0.15	0.8	0.4	Fluorine and its compounds	<0.08	0.8	0.4
Cis-1, 2-dichloroethylene	<0.004	0.04	0.02	Cis-1, 2-dichloroethylene	<0.004	0.04	0.02

Niigata Plant -- Drainage Unit: [L] Measuring pts.: 2 - 8 pts. *3			
Main Items *1	Results *2	Legal Sta.	Original Sta.
Hydrogen ion concentration (pH)	6.7 - 7.7	5.8 - 8.6	5.8 - 8.6
Biochemical oxygen demand (BOD)	0.9 - 6.6	25	25
Suspended Solid (SS)	2 - 22	90	72
Boron and its compounds	<1.0	10	5
Fluorine and its compounds	<0.8	8	4

*1: Other chemicals measured were all below standards of both legal and original.

*2: With respect to each item, we disclose both minimum and maximum value at all the measuring points (a minimum value includes "<" which stands for "less than a detection limit").

*3: Both measuring points and measuring areas are determined each other, depending on the kinds of chemicals.

Environmental Accounting

In FY2018, the cost was 320 million JPY; the effect was 1,090 million JPY and cost effectiveness was 760 million JPY. As a result, the effective amount decreased by 10% (-80 million JPY) compared to FY2017.

FY2018 - Results of Environmental Accounting

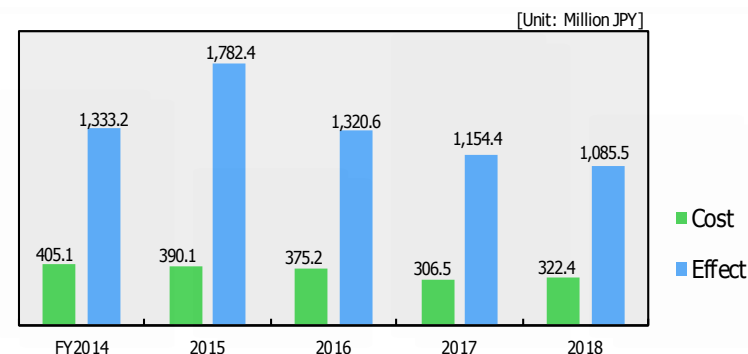
While some effects like "eco protection" increased, the effect of "environmental R & D" decreased, mainly because of transitory saturation of demand for ATMs and bank branch terminals inside Japan. And, total balance decreased compared to last fiscal year.

[Results compared to FY2017]

Cost : +15,911 thousand JPY (306,546 > 322,457)

Effect : -68,869 thousand JPY (1,154,391 > 1,085,522)

Balance: -84,779 thousand JPY (847,845 > 763,065)



FY2018 - Detail of Environmental Accounting

(): Compared to FY2017 [Unit: Million JPY]

Items		Boundary	Costs	Effects
Within the business area	Pollution prevention	Air pollution prevention, Water quality protection, etc.	18.8 (+0.1)	17.2 (+0.8)
	Eco protection	Energy saving, Prevention of the global warming, etc.	53.8 (+11.9)	26.4 (+1.5)
	Resource circulation	Waste disposal, Effective utilization of resources, etc.	82.2 (+3.9)	67.2 (-1.5)
	Sub total		154.8 (+15.9)	110.8 (+0.8)
Up/down stream		Product recycling, Green procurement, etc.	22.8 (+1.2)	7.7 (-0.5)
Management		ISO14001, Eco training, Information systemization, etc.	63.7 (-1.4)	38.6 (+3.7)
R & D		Research for eco-friendly technology of products, etc.	81.1 (+0.2)	928.4 (-72.9)
Social activity		Donation and support to eco conservation group, etc.	0.0 (0.0)	0.0 (0.0)
Eco damage		Recovery of land and ground-water pollution, etc.	0.0 (0.0)	0.0 (0.0)
Total			322.4 (+15.9)	1,085.5 (-68.9)