Environmental Performance

We measure and monitor the impact on the environment.
We promote our legal compliance based on this information.

FY2017 - Environmental Performance Data (Energy, Water, Chemicals, Waste)

INPUT

Sites	Energy use						Water [m^3] *1	Chemicals handled [ton] *2
	Electricity [MWh]	Kerosene [kl]	Light oil [kl]	Gasoline [kl]	LPG [ton]	Town gas [km^3]		
Tokyo HQs	2,751	--	0.06	0.05	1.4	23.0	13,390	--
Niigata	6,073	2.64	0.06	0.55	9.5	2.6	14,631	1.8
Omiya SC	108	--	--	--	--	--	--	--
FJFS (Maebashi)	944	--	--	--	--	--	--	--
Total	9,875	2.64	0.12	0.6	10.9	25.6	28,021	1.8

OUTPUT

Sites	CO_2 emissions [ton-CO_2] *3						Water [m^3]	Chemicals output [ton] *2	Waste [ton]		
	Electricity	Kerosene	Light oil	Gasoline	LPG	Town gas			Thermal recycle	Material recycle	To landfill
Tokyo HQs	1,568	--	0.1	0.1	4.3	51.4	13,390	—	20.6	20.4	--
Niigata	3,462	6.6	0.2	1.3	28.4	5.4	14,631	1.5	146.2	17.0	--
Omiya SC	62	--	--	--	--	--	--	--	--	3.5	--
FJFS (Maebashi)	538	--	--	--	--	--	--	--	--	12.0	--
Total	5,630	6.6	0.3	1.4	32.7	56.8	28,021	1.5	166.8	52.9	--

*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)
*3: Used scale factor of electricity is 0.57 ton-CO_2/MWh from FY2016. (Fixed)

FY2017 - Environmental Performance Data (Legal Compliance)

Niigata Plant -- Drainage Unit: [mg/L] Measuring pts.: 2 - 8 pts. *1

Main Items	Results *2	Legal Sta.	Original Sta.
Hydrogen ion concentration (pH)	6.2 - 8.2	5.8 - 8.6	5.8 - 8.6
Biochemical oxygen demand (BOD)	1.2 - 3.5	25	25
Suspended Solid (SS)	5 - 41	90	72
Boron and its compounds	<1.0	10	5
Fluorine and its compounds	<0.8	8	4

Niigata Plant -- Groundwater Unit: [mg/L] Measuring pts.: 7 pts.

Main Items	Results *2	Legal Sta.	Original Sta.
Lead and its compounds	<0.001 - 0.003	0.01	0.005
Hexavalent chromium compounds	<0.01	0.05	0.025
Arsenic and its compounds	0.002 - 0.029	0.01	0.01
Fluorine and its compounds	<0.08 - 0.14	0.8	0.4
Cis-1, 2-dichloroethylene	<0.004	0.04	0.02
Chloroethylene *3	<0.0002 - 0.0059	0.002	0.001

Tokyo HQs -- Groundwater Unit: [mg/L] Measuring pts.: 4 pts.

Main Items	Results *2	Legal Sta.	Original Sta.
Lead and its compounds	<0.002	0.01	0.005
Hexavalent chromium compounds	<0.005	0.05	0.025
Arsenic and its compounds	<0.001 - 0.003	0.01	0.005
Fluorine and its compounds	<0.08	0.8	0.4
Cis-1, 2-dichloroethylene	<0.004	0.04	0.02
Chloroethylene	<0.0002	0.002	0.001

*1: Both measuring points and measuring areas are determined each other, depending on the kinds of chemicals.
*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: Regarding Chloroethene which was detected over the legal standard value in Niigata Plant, we reported the local government immediately. It was found out that this detection had been because of external factors.

Environmental Accounting

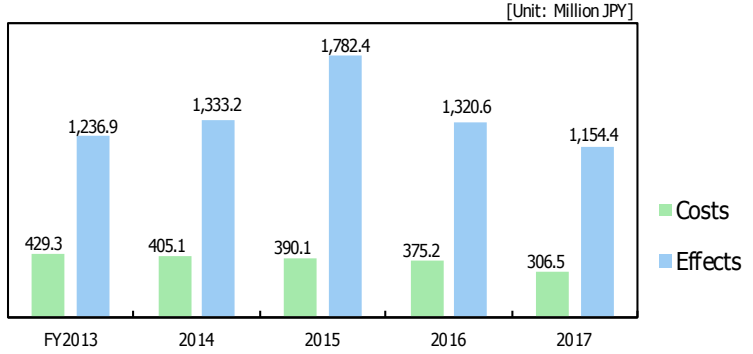
The cost was 310 million JPY; the effect was 1,150 million JPY and cost effectiveness was 850 million JPY. As a result, the effective amount decreased by 10.3% (-100 million JPY) compared to FY2016.

FY2017 - Results of Environmental Accounting

Environmental R & D effects 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 as well, because management costs including external audits decreased.

[Results compared to FY2016]
Cost : - 68,658 thousand JPY (375,204 > 306,546)
Effect : - 166,244 thousand JPY (1,320,635 > 1,154,391)
Balance : - 97,586 thousand JPY (945,431 > 847,845)

[Unit: Million JPY]



FY2017 - Detail of Environmental Accounting

( ): Compared to FY2016 [Unit: Million JPY]

Items		Boundary	Costs	Effects
Within the business area	Pollution prevention	Air pollution prevention, Water quality protection, etc.	18.7 (+0.1)	16.4 (-3.1)
	Eco protection	Energy saving, Prevention of the global warming, etc.	41.9 (-1.4)	24.9 (-3.6)
	Resource circulation	Waste disposal, Effective utilization of resources, etc.	78.3 (-2.8)	68.7 (-8.6)
	Sub total		138.9 (-4.2)	110.1 (-15.2)
Up/down stream		Product recycling, Green procurement, etc.	21.6 (-4.8)	8.1 (-1.6)
Management		ISO14001, Eco training, Information systemization, etc.	65.0 (-1.3)	34.9 (+5.6)
R & D		Research for eco-friendly technology of products, etc.	80.9 (-58.4)	1,001.3 (-155.0)
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			306.5 (-68.7)	1,154.4 (-166.2)