TEPCO HD and core operating companies (Tokyo Electric Power Company Holdings, Inc., TEPCO Fue GRI KPI	el & Power, Inc., UM	TEPC	O Power Grid, Inc., TEP FY2016	PCO Energy Partner, FY2017	, Inc., and TEPCO Re FY2018	enewable Power, Inc.) FY2019
Coverage						
Employees TEPCO HD and core operating companies	(no.)	33,197	32,546	31,718	30,999
TEPCO HD and all of consolidated subsidiary companies	(no.)	42,060	41,525	41,086	37,892
TEPCO HD and core operating companies / TEPCO HD and all of consolidated subsidiary companies	(%)	79	78	77	82
GRI KPI Key figures	UM		FY2016	FY2017	FY2018	FY2019
Installed capacity by energy source						
Total net electrical capacity	(MW)	67,594	63,691	63,697	18,194 * 1
Thermal net capacity Coal	(MW)	45,060	41,155 3,200	41,161	57 0
LNG	(MW (MW)	3,200 31,030	29,251	3,200 29,251	0
Oil	(MW)	10,830	8,704	8,710	57
Nuclear net capacity	(MW)	12,612	12,612	12,612	8,212
Renewable net capacity Hydroelectric	(MW)	9,922 9,871	9,924 9,872	9,924	9,925 * 2 9,874
Solar	(MW (MW)	30	30	9,873 30	30
Wind	(MW)	18	18	21	21
Geothermal	(MW)	3	3	0	0
Biomass and cogeneration Net energy production by energy source	(MW)	0	0	0	0 * 1
Total net electrical production	(GWh)	200,378	196,668	190,752	10,966
Thermal net production	(GWh)	190,276	184,384	179,610	160
Coal	(GWh)	23,255	24,069	23,888	0
LNG Oil	(GWh (GWh)	158,448 8,574	156,393 3,923	153,517 2,204	0 160
Nuclear net production	(GWh)	0,374	3,923 0	2,204	0
Renewable net production	(GWh)	10,102	12,428	11,535	10,806
Hydroelectric	(GWh)	10,034	12,212	11,071	10,743 * 2
Solar	(GWh)	33	33	32 35	31 32
Wind Geothermal	(GWh (GWh)	24 10	30 9	35 4	32 0
Biomass and cogeneration	(GWh)	0	[144]	[393]	0 * 3
Efficiency		•				
Thermal power plant	(%)	49.0	49.6	49.7	-
Development Development of renewable power generation facilities	(MW	١	-	-	-	30
Availability	, 1.144	,				50
Nuclear power plant	(%)	0	0	0	0
Network						
Electricity network Total transmission network	(km	١	40,690	40,665	40,663	40,804
- of which aerial line	(km)	28,365	28,333	28,314	28,391
- of which underground cable	(km)	12,325	12,332	12,349	12,413
Total distribution network	(km)	377,053	378,370	379,724	381,028
- of which aerial line	(km)	339,108	340,134	341,184	342,222
- of which underground cable Transmission and distribution loss	(km)	37,945	38,236	38,540	38,806
Extra high voltage	(%)	1.5	1.4	1.2	-
High voltage	(%)	4.0	3.8	4.0	-
Low voltage	(%)	6.5	5.9	6.9	-
Average Supply reliability	(%)	4.1	3.8	4.2	4.3
System Average Interruption Duration Index (SAIDI)	(min.)	7	6	19	200
Interruption time (min.) / year (min.)	(%)	0.001	0.001	0.004	0.038
Smart meter	/ 401 "		1000	4600.0	2452 1	2522.6
Number of installations Instalation rate	(10k units (%	5) \	1060.4 39.3	1602.3 55.3	2152.4 74.1	2533.0 87.2
Sales	(%)	39.3	55.3	74.1	07.2
Electricity volumes	(GWh)	241,525	233,123	219,448	209,707
CO ₂ related electricty sales					•	
Adjusted emissions intensity	(kg-CO ₂ /kV		0.474	0.462	0.455	0.441 * 1
Basic emissions intensity Adjusted emissions	(kg-CO ₂ /kV (ktCO ₂	Vh))	0.486 114,400	0.475 107,700	0.468 99,700	0.457 * 4 92,400 * 1
Basic emissions	(ktCO ₂)	117,400	110,800	102,700	95,800 * 5
Procurement outside the TEPCO Group	(GWh)	53,000	47,936	42,574	208,000 * 6
Gas volumes	(kt)	1,510	1,830	1,770	2,170
Leakege rate (Transportation) Leakege rate (Distribution)	(% (%)	0 0	0 0	0 0	0 0
Leakege rate (Strage)	(%)	0	0	0	0
7-1 Environmental compliance	•	,				
Total monetary value of significant fines	(mil. JPY)	0	0	0	0
Total number of non-monetary sanctions 6-3 Significant spill	(no.)	0	0	0	0
Total number of significant spill	(no.)	0	0	0	0
ri kpi	UM	Ú	FY2016	FY2017	FY2018	FY2019
Emissions						
5-1 Direct greenhouse gas emissions (Scope 1) Total direct emissions (Scope 1)	(ktCO₂eq)	89,000	84,300	81,600	* 7 191
CO ₂ emissions from electricity production and other activities	$($ $ktCO_2eq$)	89,000 88,900	84,300 84,200	81,500	120
CO2 emissions from vehicles (gasoline and diesel)	(ktCO ₂)	14	9	8	8
Total other CO₂eq emissions	(ktCO ₂ eq		124	126	126	63
N₂O HECs	(ktCO ₂ eq		59 4	60 5	59 6	1 3 * 8
HFCs SF ₆	(ktCO ₂ eq (ktCO ₂ eq		4 61	61	61	3 * 8 59 * 8
JI 6	,	,	01	01	01	
Other emissions volume		`	198	201	198	3
Other emissions volume N_2O	(t)		2.7	2.7	2.6 * 8
Other emissions volume N_2O SF_6	(t)	2.7	2.7	2.7	
Other emissions volume N_2O SF_6 SF_6 recovery rate	(t)				>00 5
Other emissions volume N_2O SF_6	(t (t (%)	2.7 99 >99.5	>99.5 99	>99.5 99	>99.5 >99.5
Other emissions volume N_2O SF_6 SF_6 recovery rate $In \ equipment \ inspections$	(t)	99	>99.5	>99.5	
Other emissions volume $N_2O \\ SF_6 \\ SF_6 \\ SF_6 recovery rate \\ In equipment inspections \\ In equipment removal \\ Fluorocarbon emissions \\ Leaked volumes based on the act on rational use and proper management of fluorocarbon$	(t))	99	>99.5	>99.5	>99.5 9
Other emissions volume N ₂ O SF ₆ SF ₆ recovery rate In equipment inspections In equipment removal Fluorocarbon emissions Leaked volumes based on the act on rational use and proper management of fluorocarbon Indirect greenhouse gas emissions (Scope 2)	(t (% (%)))	99 >99.5	>99.5 99	>99.5 99	>99.5 9 * 9
Other emissions volume N ₂ O SF ₆ SF ₆ recovery rate In equipment inspections In equipment removal Fluorocarbon emissions Leaked volumes based on the act on rational use and proper management of fluorocarbon Indirect greenhouse gas emissions (Scope 2) Related to energy purchased from the grid (Scope 2, market based)	(t (% (% (ktCO ₂ eq		99 >99.5 7	>99.5 99 11	>99.5 99 13	>99.5 9 * 9 * 1
Other emissions volume N ₂ O SF ₆ SF ₆ recovery rate In equipment inspections In equipment removal Fluorocarbon emissions Leaked volumes based on the act on rational use and proper management of fluorocarbon Indirect greenhouse gas emissions (Scope 2)	(t (% (%		99 >99.5	>99.5 99	>99.5 99	>99.5 9 * 9
Other emissions volume N ₂ O SF ₆ SF ₆ recovery rate In equipment inspections In equipment removal Fluorocarbon emissions Leaked volumes based on the act on rational use and proper management of fluorocarbon Indirect greenhouse gas emissions (Scope 2) Related to energy purchased from the grid (Scope 2, market based) Civil uses, hydroelectric and thermal electric plants	(t (% (% (ktCO ₂ eq)	99 >99.5 7	>99.5 99 11	>99.5 99 13	>99.5 9 * 9 * 1 492 * 1

305-3	Other indirect greenhouse gas emissions (Scope 3, per GHG protcol) Total of Scope 3	(ktCO ₂ eq)	48,865	46,443	42,417	* 116,460	* 14
	Category 1 Purchased goods and services	(ktCO ₂ eq)	11	11	12	11 *	
	Category 2 Capital goods Category 3 Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	(ktCO₂eq ktCO₂eq)	1,864 42,845	1,976 39,449	2,097 35,469	1,719 * 108,824 *	
	Category 4 Upstream transportation and distribution Category 5 Waste generated in operations	(ktCO₂eq)	0 31	0 30	0 30	0 2	
	Category 6 Business travel	(ktCO₂eq ktCO₂eq)	4	4	4	4	
	Category 7 Employee commuting	(ktCO₂eq)	11 0	11 0	11	11	
	Category 8 Upstream leased assets Category 9 Downstream transportation and distribution	(ktCO₂eq ktCO₂eq)	0	0	0 0	0 0	
	Category 10 Processing of sold products	(ktCO₂eq)	0	0	0	0	
	Category 11 Use of sold products Category 12 End-of-life treatment of sold products	(ktCO₂eq ktCO₂eq)	4,099 0	4,962 0	4,793 0	5,888 * 0	* 11
	Category 13 Downstream leased assets	(ktCO ₂ eq)	0	0	0	0 0	
	Category 14 Franchises Category 15 Investments	(ktCO₂eq ktCO₂eq)	0	0	0	0	
	Scope 1 and 2 Market based	(ktCO₂eq	١	89,500	84,900	82,100	6,080	
	Location based	(ktCO₂eq ktCO₂eq)	89,500	84,900	82,200	6,080	
	Scope 1, 2 and 3 Market based	(ktCO₂eq)	138,000	131,000	125,000	123,000	
	Location based	(ktCO₂eq)	138,000	131,000	125,000	123,000	
305-7	Other atmospheric emission NO _X emissions	(kt)	21	18	18	2	
	SO _X emissions	(kt)	10	7	6	<1	
GRI	KPI Energy		UM	-	FY2016	FY2017	FY2018	FY2019	
302-1	Energy comsumption Total	,	Cl	`	1 580 000 000	1 510 000 000	1 460 000 000	5,740,000	
	Electricity production and other activities	(GJ GJ)	1,580,000,000		1,460,000,000	1,730,000	
	Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants)	(GJ GJ)	207,000 3,610,000	131,000 4,310,000	123,000 4,110,000	122,000 3,880,000	
	Energy consumption intensity in buildings	(J					
	Per total floor space of office (headquarters, branch offices, etc.) Costs	(MJ/m ²)	1,427	1,400	1,410	1,413	
	Total costs of energy consumption	(mil. JPY)	1,160,000	1,340,000	1,570,000	3,380	
	Renewable energy (in-house power generation) Installed buildings	(kW)	-	-	-	18	
	Installed capacity	(kW)	-	-	-	269	
GRI	Net energy production KPI	(MWh UM)	FY2016	FY2017	FY2018	281 FY2019	
301-1	Raw materials Fuel comsumption								
301-1	from non-renewable sources								
	Coal Heavy oil, crude oil, etc.	(kt ML)	8,140 2,140	8,310 982	8,140 558	<1 48	
	Gas (LNG, LPG)	(kt)	21,400	21,000	20,800	<1	
	City Gas Fuel for nuclear power plants	(mil m³ t)	2,540 0	2,350 0	2,090 0	<1 0	
	from renewable sources	,	L+	`	0	74	200	0	
GRI	Biomass KPI	(kt UM)	0 FY2016	74 FY2017	200 FY2018	0 FY2019	
	Biomass	()					
303-3	Biomass KPI Water Water withdrawal in "water stressed" areas Total	()					
	Biomass KPI Water Water withdrawal in "water stressed" areas	(UM)	FY2016	FY2017	FY2018	FY2019	
303-3	Biomass KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers)	(kilo m ³ kilo m ³)	FY2016 0 50,965,154 50,963,584	FY2017 0 55,301,022 55,299,479	FY2018 0 49,135,474 49,133,813	FY2019 0 46,015,196 46,014,248	_
303-3	Biomass KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies	(kilo m ³)	FY2016 0 50,965,154	FY2017 0 55,301,022	FY2018 0 49,135,474	FY2019 0 46,015,196	
303-3	Biomass KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses	(kilo m ³)	FY2016 0 50,965,154 50,963,584 31 1,539	FY2017 0 55,301,022 55,299,479 39 1,504	FY2018 0 49,135,474 49,133,813 39 1,622	FY2019 0 46,015,196 46,014,248 0 948	
303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants	(kilo m ³)	FY2016 0 50,965,154 50,963,584 31 1,539 50,965,154 50,953,899	FY2017 0 55,301,022 55,299,479 39 1,504 55,301,022 55,290,179	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416	FY2019 0 46,015,196 46,014,248 0	
303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants		kilo m ³)	FY2016 0 50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6	
303-3 303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater		kilo m ³)	FY2016 0 50,965,154 50,963,584 31 1,539 50,965,154 50,953,899	FY2017 0 55,301,022 55,299,479 39 1,504 55,301,022 55,290,179	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244	
303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water		kilo m ³)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946	
303-3 303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers)		kilo m ³)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179	6 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416	946,015,196 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0	
303-3 303-3	Biomass Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190	
303-3 303-3 303-4	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water		kilo m ³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19	6 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18	946,015,196 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0	
303-3 303-3	KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19	6 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102	946 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945	
303-3 303-3 303-4	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment		kilo m ³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19 1,190 0	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939	946,015,196 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0	
303-3 303-3 303-4 303-5	KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19 1,190 0 9,634 4,690 15	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14	946 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0	
303-3 303-3 303-4 303-5	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste		kilo m ³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19 1,190 0	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010	948 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0	
303-3 303-3 303-4 303-5	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19 1,190 0 9,634 4,690 15	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018	948 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6	
303-3 303-3 303-4 303-5	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 19 1,190 0 9,634 4,690 15	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14	946 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0	
303-3 303-3 303-4 303-5	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 1,190 0 9,634 4,690 15 FY2017	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019	
303-3 303-3 303-4 303-5	KPI Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste		kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 1,190 0 9,634 4,690 15 FY2017	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB		kilo m³ tilo m³ kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 19 55,291,388 55,290,179 1,190 0 9,634 4,690 15 FY2017	FY2018 0 49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated) Pole-mounted transformers		kilo m³ tilo m³ kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8	948 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated)		kilo m³ tilo m³ kilo m³		50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	9,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8	948 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6	
303-3 303-3 303-4 303-5 GRI 306-2	Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated) Pole-mounted transformers High-voltage transformers and capacitors (high contaminated) Management of remaining PCB equipments Pole-mounted transformers		kilo m³ tilo m³ kilo m³ tum)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016 1,141 1,135 5 99.5	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	49,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8 27 4 8 116	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated) Pole-mounted transformers High-voltage transformers and capacitors (high contaminated) Ash management		kilo m³ tilo m³ kilo m³ t UM)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016 1,141 1,135 5 99.5 19 4 7 797 41 493	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	9,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8 27 4 8 116 27 186	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019 146 146 <1 >99.9 25 4 9 121 16 63	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated) Pole-mounted transformers High-voltage transformers and capacitors (high contaminated) Management of remaining PCB equipments Pole-mounted transformers High-voltage transformers and capacitors (high contaminated) Ash management Total generated		kilo m³ tilo m³ kilo m²)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016 1,141 1,135 5 99.5 19 4 7 797 41 493	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	9,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8 27 4 8 116 27 186 741	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019 146 146 <1 >99.9 25 4 9 121 16 63 0	
303-3 303-3 303-4 303-5 GRI 306-2	Water Water withdrawal in "water stressed" areas Total Water withdrawal by source Total withdrawal from scarce sources Surface water (wetlands, lakes, rivers) Ground water (from wells) Water from municipal water supplies Water withdrawal by uses Total River water for hydroelectric plants Industrial water for thermal electric plants Municipal water Groundwater Water discharge by destination Total Surface water (wetlands, lakes, rivers) Groundwater Water in municipal/ industrial treatment plants Third party water Freshwater consumption Total Water treatment Volume of waste water treatment in power plants COD emissions from power plants KPI Waste Industrial waste by disposal method Total generated Recycled volume Landfill treatment volume Recycling rate Hazardous waste Waste volume containing PCB Insulating oil (inadvertently contaminated) Pole-mounted transformers High-voltage transformers and capacitors (high contaminated) Ash management		kilo m³ tilo m³ kilo m³ t UM)	50,965,154 50,963,584 31 1,539 50,965,154 50,953,899 9,935 1,293 27 50,955,219 50,953,899 27 1,293 0 9,935 4,970 - FY2016 1,141 1,135 5 99.5 19 4 7 797 41 493	55,301,022 55,299,479 39 1,504 55,301,022 55,290,179 9,634 1,190 0 9,634 4,690 15 FY2017	9,135,474 49,133,813 39 1,622 49,135,474 49,124,416 9,939 1,102 18 49,125,535 49,124,416 18 1,102 0 9,939 4,010 14 FY2018 1,084 1,081 3 99.8 27 4 8 116 27 186	FY2019 0 46,015,196 46,014,248 0 948 46,015,196 46,014,244 6 946 0 46,015,190 46,014,245 0 945 0 6 FY2019 146 146 <1 >99.9 25 4 9 121 16 63	

GRI	KPI		UM		FY2016	FY2017	FY2018	FY2019
	Other Clashia vahiala							
	Electric vehicle Number of EV or PHEV	(no.)	476	464	446	427
	Rate of EV or PHEV fleets	(%)	-	-	-	10
	Renewable energy in electricity sales	,						* 15
	Volume Rate	(GWh %)	22,900 9	27,000 12	27,500 13	29,000 14
	Unused in electricity sales	(70	,	9	12	13	* 16
	Volume	(GWh)	2,600	1,590	2,870	3,160
	Rate	(%)	1.06	0.68	1.31	1.51
	Green procurement Green procurement rate in office supplies (monetary value based)	(%)	99.5	99.6	99.8	>99.9
	Paper bought for printers/ photocopiers	(70	,	99.3	99.0	99.0	299.9
	Number of sheets (equivalent A4 sheets)	(mil A4ea	ı)	313	304	282	258
	Weight	(t)	1,248	1,215	1,126	1,028
	TEPCO HD and all of consolidated subsidiary companies							
GRI	KPI		UM		FY2016	FY2017	FY2018	FY2019
	Key figures Installed capacity by energy source							
	Total net electrical capacity	(MW)	-	63,882	63,850	18,345
	Thermal net capacity	(MW)	-	41,155	41,161	57
	Coal	(MW)	-	3,200	3,200	0
	LNG Oil	(MW MW)	-	29,251 8,704	29,251 8,710	0 57
	Nuclear net capacity	(MW)	-	12,612	12,612	8,212
	Renewable net capacity	(MW)	-	10,115	10,078	10,076
	Hydroelectric	(MW)	-	10,059	10,023	10,021 * 2
	Solar Wind	(MW MW)	-	31.4125 18	31.4295 21	31.1717 21
	Geothermal	(MW)	-	3	0	0
	Biomass and cogeneration	(MW)	-	2.56	2.56	2.56 * 3
	Net energy production by energy source		e			400	101 555	44.600
	Total net electrical production Thermal net production	(GWh GWh)	-	197,515 184,384	191,398 179,610	11,638 160
	Thermal net production Coal	(GWn GWh)	-	184,384 24,069	179,610 23,888	160
	LNG	(GWh)	-	156,393	153,517	0
	Oil	(GWh)	-	3,923	2,204	160
	Nuclear net production	(GWh)	-	13.275	0	0
	Renewable net production Hydroelectric	(GWh GWh)	-	13,275 13,038	12,181 11,698	11,478 11,396 * 2
	Solar	(GWh)	-	35	33	32
	Wind	(GWh)	-	30	35	32
	Geothermal	(GWh)	-	9	4	0
	Biomass and cogeneration	(GWh)	-	[163]	[410]	19 * 17
	Sales Electricity volumes	(GWh)	_	240,300	230,306	222,277
307-1	Environmental compliance	•		,		,		,
	Total monetary value of significant fines	(mil. JPY)	0	0	0	0
206.2	Total number of non-monetary sanctions	(no.)	-	0	0	0
306-3	Significant spill Total number of significant spill	(no.)	_	0	0	0
	ISO 14001	(1101	,		· ·	Ü	· ·
	Certificated offices	(no.)	-	24	24	24 * 18
	KPI Emissions		UM		FY2016	FY2017	FY2018	FY2019
305-1	Direct greenhouse gas emissions (Scope 1)							
	Total direct emissions (Scope 1)	(ktCO₂eq)	-	84,300	81,600	200
305-2	Indirect greenhouse gas emissions (Scope 2)							
	Related to energy purchased from the grid (Scope 2, market based) Civil uses, hydroelectric and thermal electric plants	(ktCO og	`	_	603	559	520
	Related to energy purchased from the grid (Scope 2, location based)	(ktCO₂eq	,	-	603	559	520
	Civil uses, hydroelectric and thermal electric plants	(ktCO₂eq)	-	647	592	525
	Related to technical losses from distribution and transmission network	(ktCO₂eq)	-	-	-	5,390
	Scope 1 and 2	,	l+CO	`		04.000	82.200	C 110
	Market based Location based	(ktCO₂eq ktCO₂eq		-	84,900 85,000	82,200 82,200	6,110 6,120
GRI	KPI		UM		FY2016	FY2017	FY2018	FY2019
	Energy							
	Energy comsumption Total	(GJ)	-	1,510,000,000	1.460.000.000	6,100,000
GRI	KPI	,	UM		FY2016	FY2017	FY2018	FY2019
	Water							
	Water withdrawal by uses Total	(kilo m³)	_	60,187,511	52,935,328	50,037,979
	River water for hydroelectric plants	(kilo m ³)	-	60,176,500	52,924,074	50,036,857
	Industrial water for thermal electric plants	(kilo m³)	-	9,634	9,939	6
	Municipal water Groundwater	(kilo m ³)	-	1,358	1,298	1,116
GRI	KPI KPI	(kilo m ³ UM)	FY2016	19 FY2017	18 FY2018	0 FY2019
	Waste							
306-2	Industrial waste by disposal method							
	Total generated Recycled volume	(kt kt)	<u>-</u>	1,111 1,106	1,122 1,119	158 158
	Landfill treatment volume	(kt kt)	-	1,106	1,119	158 <1
	Recycling rate	(%)	-	99.6	99.7	99.7
	KPI Othor		UM		FY2016	FY2017	FY2018	FY2019
	Other Electric vehicle							
	Number of EV or PHEV	(no.)	-	466	448	430 * 18
	Green procurement	`		•				
	Green procurement rate in office supplies (monetary value based)	(%)	-	82.0	88.0	92.8
	Paper bought for printers/ photocopiers Number of sheets (equivalent A4 sheets)	1	mil A4ec	١ ١	_	380	355	348
	Weight	(t t)	-	1,515	1,419	1,390
	-	`				-,	-,	,

- Totals may not be exact due to significant digits or rounding.
- Due to integrating the existing thermal power generation businesses of TEPCO Fuel & Power, Inc. into JERA Co., Inc. as of 1 April 2019, since FY2019 there is a difference in the datas related to thermal electric plants compared to before FY2018.
- · The values of TEPCO HD and all of consolidated subsidiary companies are the sum of the value multiplying each company data by the voting rights ratio.
- The values are for the fiscal year (from 1 April to 31 March) or as of the end of the fiscal year (31 March) unless otherwise specified.
- *1 Source: "Surveys and Statistics of Electricity (the Agency for Natural Resources and Energy)"
- *2 Including pumped-storage power generation
- *3 The value in [] is the re-posted value of biomass power generation in thermal power production.
- *4 Basic emissions intensity is the value before adjustment of feed-in tariff scheme for renewable energy based on the Act on Promotion of Global Warming Countermeasures.
- *5 Basic emissions is the value before adjustment of feed-in tariff scheme for renewable energy based on the Act on Promotion of Global Warming Countermeasures.
- *6 TEPCO Group means Tokyo Electric Power Company Holdings, Inc., TEPCO Fuel & Power, Inc., TEPCO Power Grid, Inc., TEPCO Energy Partner, Inc., and TEPCO Renewable Power, Inc.,
- *7 Emissions of greenhouse gases released directly into the atmosphere from emission sources within organizational boundaries.
- *8 The value for calendar year (from January 1 to December 31)
- *9 Emissions due to the use of electricity, heat and steam supplied by others.
- *10 Reflecting the emissions intensity of each electricity retail company
- *11 Values of previous years are updated in accordance with revisions to calculation method
- *12 Reflecting the average emissions intensity of grids
- *13 Until FY2018 the emissions equivalent to power transmission and distribution technical loss was contained in Scope 1 emissions. Since Scope 1 emissions decreased because of integrating the existing thermal power generation businesses of TEPCO Fuel & Power, Inc. into JERA Co., Inc., calculation was started based on the GHG protocol from FY2019.
- *14 Indirect greenhouse gas emissions from business activities in the supply chain, other than direct emissions (Scope 1 emissions) and indirect emissions (Scope 2 emissions).

Approach to calculation

We follow major guidelines have been published:

"Corporate Value Chain (Scope 3) Accounting and Reporting Standard"

"Green Value Chain Platform (Japanese Ministry of the Environment website, which provides Scope 3 emissions calculation methods and models)"

Calculation method for each of the categories

Category 1: Calculated by multiplying the amount of purchased goods by the emission factor

Category 2: Calculated by multiplying the amount of annual capital investment in financial report by the emission factor

Category 3: The sum of the following two values;

A. Emissions from resource extraction, production and transportation

Calculated by multiplying electricity sales and gas sales by emission factors

B. Emissions of energy consumption by other companies related to the amount of electricity sold

Calculated by multiplying the amount of electricity procured from other companies by the emission factor

Category 4: No applicable emissions due to our type of business

Category 5: Calculated by multiplying the volume of industrial waste by the emission factor for each type of waste treatment method

Category 6: Calculated by multiplying the number of employees by the emission factor

Category 7: Calculated by multiplying the number of employees by the number of business days and the emission factor for each location type of office

Category 8: No applicable emissions due to our type of business

Category 9: No applicable emissions due to our type of business

Category 10: No applicable emissions due to our type of business

Category 11: Calculated by multiplying the volume of gas sales by the emission factor

Category 12: No applicable emissions due to our type of business

Category 13: No applicable emissions due to our type of business

Category 14: No applicable emissions due to our type of business

Category 15: No applicable emissions due to our type of business

- *15 Including renewable energy under feed-in-tariff scheme
- *16 Heat, blast furnace gas and other gas byproducts produced from the incineration of waste not including waste heat and biomass from factories, etc.
- *17 Regarding the value related to TEPCO Fuel & Power, Inc. of the value in [] the re-posted value of biomass power generation in thermal power production.
- *18 Added up without multiplying by voting rights ratio
- *19 Updated November 2020