TEPCO HD and core operating companies (Tokyo Electric Power Company Holdings, Inc., TEPCO Fuel &		UM		FY2021	FY2022	FY2023	FY2024
Coverage				112021	112022		112021
Operating revenues	(	billion JPY	)	5,310	8,112	6,918	6,810
Electric power operating revenues	(	billion JPY	,	4,842	7,446	6,330	6,21
Other operating revenues	(	billion JPY	,	468	667	589	59
TEPCO HD and core operating companies / TEPCO HD and all of consolidated subsidiary companies	(	%	)	91	92	91	9
		UM		FY2021	FY2022	FY2023	FY2024
Key figures							
Installed capacity by energy source							
Total net electrical capacity	(	MW	)	18,200	18,122	18,116	18,11
Thermal net capacity	(	MW	)	58	58	58	5
Coal	(	MW	)	0	0	0	
LNG	(	MW	)	0	0	0	
Oil	(	MW	)	58	58	58	5
Nuclear net capacity	(	MW	)	8,212	8,212	8,212	8,21
Renewable net capacity	(	MW	)	9,930	9,852	9,845	9,84
Hydroelectric	(	MW	)	9,879	9,801	9,794	9,79
Solar	(	MW	)	30	30	30	3
Wind	(	MW	)	21	21	21	2
Geothermal	(	MW	)	0	0	0	
Biomass and cogeneration	(	MW	)	0	0	0	
Net energy production by energy source							
Total net electrical production (energy consumption)	(	GWh	)	13,106	11,706	10,507	10,18
Thermal net production (energy consumption)	(	GWh	)	157	156	155	15
Coal	(	GWh	)	0	0	0	
LNG	(	GWh	)	0	0	0	
Oil	(	GWh	)	157	156	155	15
Nuclear net production (energy consumption)	(	GWh	)	0	0	0	10.05
Renewable net production (energy consumption)	(	GWh	)	12,948	11,550	10,353	10,02
Hydroelectric	(	GWh	)	12,882	11,489	10,296	9,96
Solar	(	GWh	)	29	24	22	3
Wind	(	GWh	)	37	36	35	3
Geothermal	(	GWh	)	0	0	0	
Biomass and cogeneration	(	GWh	)	0	0	0	
Efficiency	,	0.4	,				
Thermal power plant	(	%	)	-	-	-	
Development  Development	,	NAVA/	`	100	226	225	2.5
Development of renewable power generation facilities	(	MW	)	192	326	325	33
Availability	,	0/	`	0	0	0	
Nuclear power plant  Network	(	%	)	0	0	U	
Electricity network Total transmission network	,	km	١	40,966	41,037	40,999	41,14
- of which aerial line	(	km km	)	28,453	28,480	40,999 28,410	•
- of which underground cable	(	km km	)	28,453 12,513	28,480 12,557	28,410 12,589	28,45 12,69
Total distribution network	(	km	)	383,415	384,544	385,624	386,59
- of which aerial line	(	km	)	344,208	345,095	345,883	346,62
	(	_	)				
- of which underground cable Transmission and distribution loss	(	km	)	39,207	39,449	39,741	39,97
Extra high voltage	1	%	١	1 2	1.3	1.3	1
	(	% %	)	1.3 3.9	3.7	3.7	3
High voltage	(	% %	)	5.9 6.6	5.7 6.9	6.9	6
Low voltage	(	%	)	4.5	3.8	6.9 4.7	3
Average Supply reliability	(	7/0	)	4.5	3.8	4./	3
	,	houre	`	0.12	0.00	0.08	0
System Average Interruption Duration Index (SAIDI)	(	hours	)	0.12	0.08	0.08	0

	Smart meter						
	Number of installations	( 10,000 units )	2,840	2,840	2,840	2,840	*4
	Instalation rate	( % )	100	100	100	100	*4
	Sales	( ,0 )	100	100	100	100	
	Electricity volumes	( GWh )	177,118	173,089	192,125	185,172	*5
305-4	CO <sub>2</sub> related electricty sales	( GWII )	1//,110	173,009	192,123	103,172	5
303-4	Adjusted energy sales  Adjusted emissions intensity	( kg-CO <sub>2</sub> /kWh )	0.451	0.376	0.408	0.421	*6
	Basic emissions intensity	( kg-CO <sub>2</sub> /kWh )	0.431	0.376	0.406	0.421	. 0
	Unadjusted emissions intensity	( kg-CO <sub>2</sub> /kWh )	0.457	0.457	0.475	0.421	
	Adjusted emissions		79,900		78,400	78,000	*7
	Basic emissions	( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> )	79,900	65,100	70,400	78,000	. ,
			80,900	70 100	91,300	89,800	
	Unadjusted emissions	( 1,000 t-CO <sub>2</sub> )	·	79,100	·	·	*8
	Gas volumes	( 1,000 m <sup>3</sup> )	1,230,253	1,378,263	1,284,810	1,350,041	*9
	Adjusted emissions intensity	( kg-CO <sub>2</sub> /m <sup>3</sup> )	-	-	2.05	2.05	*9
	Basic emissions intensity	( kg-CO <sub>2</sub> /m <sup>3</sup> )	-	-	2.05	2.05	*0
	Adjusted emissions	( 1,000 t-CO <sub>2</sub> )	-	-	2,634	2,768	*9
	Basic emissions	( 1,000 t-CO <sub>2</sub> )	-	-	2,634	2,768	
	Leakege rate (Transportation)	( % )	0	0	0	0	
	Leakege rate (Distribution)	( % )	0	0	0	0	
	Leakege rate (Strage)	( % )	0	0	0	0	
2-27	Environmental compliance						
	Total monetary value of significant fines	( million JPY )	0	0	0	0	
	Total number of non-monetary sanctions	( cases )	0	0	0	0	
	Significant spill						
	Total number of significant spill	( cases )	0	0	0	0	
GRI		UM	FY2021	FY2022	FY2023	FY2024	
	Emissions	UM	FY2021	FY2022	FY2023	FY2024	
GRI 305-1	Direct greenhouse gas emissions (Scope 1)						*10
	Direct greenhouse gas emissions (Scope 1) Total direct emissions (Scope 1)	( 1,000 t-CO <sub>2</sub> eq )	192	193	194 ★	200	*10 *11
	<b>Direct greenhouse gas emissions (Scope 1)</b> Total direct emissions (Scope 1) CO <sub>2</sub> emissions from electricity production and other activities	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub>	192 118	193 119	194 ★ 121	200 121	
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> )	192 118 7	193 119 6	194 ★ 121 6	200 121 6	
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO_2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67	193 119 6 68	194 ★ 121 6 67	200 121 6 73	
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> )	192 118 7 67 1	193 119 6 68 1	194 ★ 121 6 67 1	200 121 6 73 1	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO_2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3	193 119 6 68 1 6	194 * 121 6 67 1 3	200 121 6 73 1 8	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1	193 119 6 68 1	194 ★ 121 6 67 1	200 121 6 73 1	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3	193 119 6 68 1 6	194 * 121 6 67 1 3	200 121 6 73 1 8	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs $SF_6$	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3	193 119 6 68 1 6	194 * 121 6 67 1 3	200 121 6 73 1 8	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs $SF_6$ Other emissions volume	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63	193 119 6 68 1 6	194 * 121 6 67 1 3 63	200 121 6 73 1 8 64	*11
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ $HFCs$ $SF_6$ Other emissions volume $N_2O$	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63	193 119 6 68 1 6 61	194 * 121 6 67 1 3 63	200 121 6 73 1 8 64	*11 *12 *12
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ $HFCs$ $SF_6$ Other emissions volume $N_2O$ $SF_6$	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63	193 119 6 68 1 6 61	194 * 121 6 67 1 3 63	200 121 6 73 1 8 64	*11 *12 *12
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ $HFCs$ $SF_6$ Other emissions volume $N_2O$ $SF_6$ $SF_6$ recovery rate	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63	193 119 6 68 1 6 61 3 2.7	194 * 121 6 67 1 3 63 4 2.7	200 121 6 73 1 8 64 4 2.7	*11 *12 *12
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)  Total other CO <sub>2</sub> eq emissions  N <sub>2</sub> O  HFCs  SF <sub>6</sub> Other emissions volume  N <sub>2</sub> O  SF <sub>6</sub> SF <sub>6</sub> recovery rate  In equipment inspections	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( t )	192 118 7 67 1 3 63 3 2.8	193 119 6 68 1 6 61 3 2.7	194 * 121 6 6 7 1 3 63 4 2.7	200 121 6 73 1 8 64 4 2.7	*11 *12 *12
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs $SF_6$ Other emissions volume $N_2O$ $SF_6$ SF $_6$ recovery rate  In equipment inspections  In equipment removal	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( t )	192 118 7 67 1 3 63 3 2.8	193 119 6 68 1 6 61 3 2.7	194 * 121 6 6 7 1 3 63 4 2.7	200 121 6 73 1 8 64 4 2.7	*11 *12 *12
	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs $SF_6$ Other emissions volume $N_2O$ $SF_6$ $SF_6$ recovery rate  In equipment inspections  In equipment removal  Fluorocarbon emissions	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( w )	192 118 7 67 1 3 63 3 2.8	193 119 6 68 1 6 61 3 2.7 >99.5	194 ★ 121 6 6 67 1 3 63 4 2.7 >99.5 >99.5	200 121 6 73 1 8 64 4 2.7 99 >99.5	*11 *12 *12
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ HFCs $SF_6$ 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  Indirect greenhouse gas emissions (Scope 2)	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( w) ( %) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63 3 2.8 99 99	193 119 6 68 1 6 61 3 2.7 >99.5 99	194 ★ 121 6 6 67 1 3 63 4 2.7 >99.5 >99.5	200 121 6 73 1 8 64 4 2.7 99 >99.5	*11  *12 *12 *12
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1) $CO_2$ emissions from electricity production and other activities $CO2$ emissions from vehicles (gasoline and diesel)  Total other $CO_2$ eq emissions $N_2O$ $HFCs$ $SF_6$ Other emissions volume $N_2O$ $SF_6$ $SF_6$ recovery rate  In equipment inspections  In equipment removal  Fluorocarbon emissions  Leaked volumes based on the act on rational use and proper management of fluorocarbon	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( w )	192 118 7 67 1 3 63 3 2.8	193 119 6 68 1 6 61 3 2.7 >99.5	194 ★ 121 6 67 1 3 63 4 2.7 >99.5 >99.5	200 121 6 73 1 8 64 4 2.7 99 >99.5	*11  *12 *12  *12
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)  Total other CO <sub>2</sub> eq emissions  N <sub>2</sub> O  HFCs  SF <sub>6</sub> Other emissions volume  N <sub>2</sub> O  SF <sub>6</sub> SF <sub>6</sub> 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)  Total of Scope2,narket based  Total of Scope2,location based	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( w ) ( % ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63 3 2.8 99 99	193 119 6 68 1 6 61 3 2.7 >99.5 99	194 * 121 6 67 1 3 63 4 2.7 >99.5 >99.5 5 5,918 *	200 121 6 73 1 8 64 4 2.7 99 >99.5	*11  *12 *12 *12  *14
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)  Total other CO <sub>2</sub> eq emissions  N <sub>2</sub> O  HFCs  SF <sub>6</sub> Other emissions volume  N <sub>2</sub> O  SF <sub>6</sub> SF <sub>6</sub> 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)  Total of Scope2,market based  Total of Scope2,location based  Civil uses, hydroelectric and thermal electric plants	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( where the control of	192 118 7 67 1 3 63 3 2.8 99 99	193 119 6 68 1 6 61 3 2.7 >99.5 99	194 * 121 6 67 1 3 63 4 2.7 >99.5 >99.5 5 5,918 *	200 121 6 73 1 8 64 4 2.7 99 >99.5	*11  *12 *12 *12  *14
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)  Total other CO <sub>2</sub> eq emissions  N <sub>2</sub> O  HFCs  SF <sub>6</sub> Other emissions volume  N <sub>2</sub> O  SF <sub>6</sub> SF <sub>6</sub> 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)  Total of Scope2,market based  Civil uses, hydroelectric and thermal electric plants  Related to energy purchased from the grid (Scope 2, market based)	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( w ) ( % ) ( 1,000 t-CO <sub>2</sub> eq )	192 118 7 67 1 3 63 3 2.8 99 99	193 119 6 68 1 6 61 3 2.7 >99.5 99 9 4,917 4,896	194 ★ 121 6 67 1 3 63 4 2.7 >99.5 >99.5 5 5,918 ★ 5,961 ★	200 121 6 73 1 8 64 4 2.7 99 >99.5 13 4,939 4,931	*11  *12 *12  *12  *13 *14 *15
305-1	Direct greenhouse gas emissions (Scope 1)  Total direct emissions (Scope 1)  CO <sub>2</sub> emissions from electricity production and other activities  CO2 emissions from vehicles (gasoline and diesel)  Total other CO <sub>2</sub> eq emissions  N <sub>2</sub> O  HFCs  SF <sub>6</sub> Other emissions volume  N <sub>2</sub> O  SF <sub>6</sub> SF <sub>6</sub> 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)  Total of Scope2,market based  Total of Scope2,location based  Civil uses, hydroelectric and thermal electric plants	( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> ) ( 1,000 t-CO <sub>2</sub> q ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( 1,000 t-CO <sub>2</sub> eq ) ( t ) ( t ) ( where the control of	192 118 7 67 1 3 63 3 2.8 99 99 99	193 119 6 68 1 6 61 3 2.7 >99.5 99 9 4,917 4,896	194 * 121 6 6 7 1 3 63 4 2.7 >99.5 >99.5 5 5,918 * 5,961 *	200 121 6 73 1 8 64 4 2.7 99 >99.5 13 4,939 4,931	*11  *12 *12  *12  *13 *14 *15 *14

302-2 305-3	Other indirect greenhouse gas emissions (Scope 3, per GHG protcol)						*17
302 2 303 3	Total of Scope 3	( 1,000 t-CO <sub>2</sub> eq )	101,946	106,073	114,585	101,991	1,
	Category 1 Purchased goods and services	( 1,000 t-CO <sub>2</sub> eq )	1,670	2,688	3,432	4,280	*18
	E Category 2 Capital goods	( 1,000 t-CO <sub>2</sub> eq )	1,758	1,988	2,279	2,776	
	© Category 3 Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	( 1,000 t-CO <sub>2</sub> eq )	91,342	94,174	101,903 *	88,178	*19
	© Category 4 Upstream transportation and distribution	( 1,000 t-CO <sub>2</sub> eq )	0	0	21	18	*20
	Category 5 Waste generated in operations	( 1,000 t-CO <sub>2</sub> eq )	3	4	4	4	
	Category 6 Business travel	( 1,000 t-CO <sub>2</sub> eq )	4	4	4	4	
	Category 7 Employee commuting	( 1,000 t-CO <sub>2</sub> eq )	10	10	9	8	
	Category 8 Upstream leased assets	( 1,000 t-CO <sub>2</sub> eq )	0	0	0	0	
	Other (upstream)	( 1,000 t cO <sub>2</sub> eq )	0	0	0	0	
	Category 9 Downstream transportation and distribution	( 1,000 t CO <sub>2</sub> eq )	0	0	0	0.4	
	Category 10 Processing of sold products	( 1,000 t CO <sub>2</sub> eq )	0	0	0	0.1	
	© Category 11 Use of sold products	( 1,000 t CO <sub>2</sub> eq )	7,159	7,206	6,933 🛨	6,724	*21
	Category 12 End-of-life treatment of sold products	( 1,000 t-CO <sub>2</sub> eq )	7,139	7,200	0,555 👗	0,724	21
	Category 13 Downstream leased assets	( 1,000 t-CO <sub>2</sub> eq )	0	0	0	0	
	≥ Category 14 Franchises	• • • • • •	0	0	0	0	
	Category 15 Investments	( 1,000 t-CO <sub>2</sub> eq )	0	0	0	0	
	Other (downstream)	( 1,000 t-CO <sub>2</sub> eq )	0	0	0	0	
		( 1,000 t-CO <sub>2</sub> eq )	U	U	U	U	
	Scope 1 and 2  Market based	( 1 000 + 60 )	E 04E	E 110	6 112	E 120	
		( 1,000 t-CO <sub>2</sub> eq )	5,945	5,110	6,113	5,139	
	Location based	( 1,000 t-CO <sub>2</sub> eq )	5,936	5,089	6,156	5,131	
	Scope 1, 2 and 3	(	407.004	444 402	120.607	407.400	
	Market based	( 1,000 t-CO <sub>2</sub> eq )	107,891	111,183	120,697	107,130	
205 7	Location based	( 1,000 t-CO <sub>2</sub> eq )	107,882	111,162	120,740	107,123	
305-7	Other atmospheric emission		_	_			
	NO <sub>X</sub> emissions	( 1,000 t )	2	2	2	2	
	SO <sub>X</sub> emissions	( 1,000 t )	0.2	0.2	0.2	0.2	
	Dust emissions	( 1,000 t )	0.03	0.04	0.03	0.03	
	Direct mercury emissions	( 1,000 t )	0	0	0	0	
	Direct mercury emissions Volatile organic compounds (VOC) emissions	( 1,000 t )	0	0	0	0	*22
GRI	Volatile organic compounds (VOC) emissions		-				*22
	Volatile organic compounds (VOC) emissions  Energy	( 1,000 t )	0	0	0	0	*22
GRI 302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption	( 1,000 t ) UM	0 FY2021	0 FY2022	0 FY2023	0 FY2024	
	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total	( 1,000 t ) UM	0 FY2021 12,283,582	0 FY2022 12,585,020	0 FY2023 11,104,432	0 FY2024 11,474,154	*22
	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities	( 1,000 t ) UM ( GJ ) ( GJ )	0 FY2021 12,283,582 1,705,628	0 FY2022 12,585,020 1,723,232	0 FY2023 11,104,432 1,717,883	0 FY2024 11,474,154 1,718,362	
	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel)	( 1,000 t ) UM ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981	12,585,020 1,723,232 94,634	0 FY2023 11,104,432 1,717,883 92,839	0 FY2024 11,474,154 1,718,362 93,176	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants)	( 1,000 t ) UM ( GJ ) ( GJ )	0 FY2021 12,283,582 1,705,628	0 FY2022 12,585,020 1,723,232	0 FY2023 11,104,432 1,717,883	0 FY2024 11,474,154 1,718,362	
	Volatile organic compounds (VOC) emissions  Energy  Energy consumption  Total  Electricity production and other activities  Vehicles (gasoline and diesel)  Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants)  Energy consumption intensity in buildings	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981 10,480,973	12,585,020 1,723,232 94,634 10,767,154	0 FY2023 11,104,432 1,717,883 92,839 9,293,709	11,474,154 1,718,362 93,176 9,662,616	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants)	( 1,000 t ) UM ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981	12,585,020 1,723,232 94,634	0 FY2023 11,104,432 1,717,883 92,839	0 FY2024 11,474,154 1,718,362 93,176	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981 10,480,973	12,585,020 1,723,232 94,634 10,767,154	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172	0 FY2024 11,474,154 1,718,362 93,176 9,662,616 1,164	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981 10,480,973	12,585,020 1,723,232 94,634 10,767,154	0 FY2023 11,104,432 1,717,883 92,839 9,293,709	11,474,154 1,718,362 93,176 9,662,616	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation)	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914	0 FY2022 12,585,020 1,723,232 94,634 10,767,154 1,316	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ )	12,283,582 1,705,628 96,981 10,480,973	0 FY2022 12,585,020 1,723,232 94,634 10,767,154 1,316	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172	0 FY2024 11,474,154 1,718,362 93,176 9,662,616 1,164	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation)	( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( MJ/m <sup>2</sup> )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205	*23
302-1 302-4	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312	0 FY2024 11,474,154 1,718,362 93,176 9,662,616 1,164 5,543	*23
302-1 302-4 302-3	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301 223	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312 251	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205	*23
302-1 302-4 302-3	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301 223	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312 251	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205	*23
302-1 302-4 302-3	Volatile organic compounds (VOC) emissions  Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301 223	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312 251	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225	12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301 223	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312 251	11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022 12,585,020 1,723,232 94,634 10,767,154 1,316 4,198 14 301 223 FY2022	0 FY2023 11,104,432 1,717,883 92,839 9,293,709 1,172 5,294 14 312 251 FY2023	0 FY2024 11,474,154 1,718,362 93,176 9,662,616 1,164 5,543 15 310 205 FY2024	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources Coal Heavy oil, crude oil, etc.	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022  12,585,020 1,723,232 94,634 10,767,154  1,316 4,198  14 301 223 FY2022  <1	0 FY2023  11,104,432 1,717,883 92,839 9,293,709  1,172 5,294  14 312 251 FY2023	0 FY2024  11,474,154 1,718,362 93,176 9,662,616  1,164 5,543 15 310 205 FY2024  <1	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources Coal	( 1,000 t )  ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022  12,585,020 1,723,232 94,634 10,767,154  1,316 4,198  14 301 223 FY2022  <1 44	0 FY2023  11,104,432 1,717,883 92,839 9,293,709  1,172 5,294  14 312 251 FY2023	0 FY2024  11,474,154 1,718,362 93,176 9,662,616  1,164 5,543 15 310 205 FY2024  <1 44	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources Coal Heavy oil, crude oil, etc. Gas (LNG, LPG)	( 1,000 t )  UM  ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022  12,585,020 1,723,232 94,634 10,767,154  1,316 4,198  14 301 223 FY2022  <1 44 <1	0 FY2023  11,104,432 1,717,883 92,839 9,293,709  1,172 5,294  14 312 251 FY2023	0 FY2024  11,474,154 1,718,362 93,176 9,662,616  1,164 5,543 15 310 205 FY2024  <1 44 <1	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources Coal Heavy oil, crude oil, etc. Gas (LNG, LPG) City Gas Fuel for nuclear power plants	( 1,000 t )  ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM  ( 1,000 t ) ( ML ) ( 1,000 t ) ( million m³ )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022  12,585,020 1,723,232 94,634 10,767,154  1,316 4,198  14 301 223 FY2022  <1 44 <1 <1 <1	0 FY2023  11,104,432 1,717,883 92,839 9,293,709  1,172 5,294  14 312 251 FY2023	0 FY2024  11,474,154 1,718,362 93,176 9,662,616  1,164 5,543 15 310 205 FY2024  <1 44 <1 <1 <1	*23
302-1 302-4 302-3	Energy Energy consumption Total Electricity production and other activities Vehicles (gasoline and diesel) Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants) Energy consumption intensity in buildings Per total floor space of office (headquarters, branch offices, etc.) Costs Total costs of energy consumption Renewable energy (in-house power generation) Installed buildings Installed capacity Net energy production  Raw materials Fuel consumption from non-renewable sources Coal Heavy oil, crude oil, etc. Gas (LNG, LPG) City Gas	( 1,000 t )  ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( GJ ) ( MJ/m² ) ( million JPY ) ( buildings ) ( kW ) ( MWh ) UM  ( 1,000 t ) ( ML ) ( 1,000 t ) ( million m³ )	12,283,582 1,705,628 96,981 10,480,973 1,336 3,914 15 303 225 FY2021	0 FY2022  12,585,020 1,723,232 94,634 10,767,154  1,316 4,198  14 301 223 FY2022  <1 44 <1 <1 <1	0 FY2023  11,104,432 1,717,883 92,839 9,293,709  1,172 5,294  14 312 251 FY2023	0 FY2024  11,474,154 1,718,362 93,176 9,662,616  1,164 5,543 15 310 205 FY2024  <1 44 <1 <1 <1	*23

GRI		UM	FY2021	FY2022	FY2023	FY2024
	Water					
303-3	Water withdrawal in "water stressed" areas					
	Total	$(1,000 \text{ m}^3)$	0	0	0	0
303-3	Water withdrawal by source					
	Total withdrawal from scarce sources	$(1,000 \text{ m}^3)$	49,463,282	47,263,796	37,129,334	37,665,148
	Surface water (wetlands, lakes, rivers)	$(1,000 \text{ m}^3)$	49,462,537	47,263,067	37,128,590	37,664,373
	Ground water (from wells)	$(1,000 \text{ m}^3)$	27	24	31	34
	Water from municipal water supplies	$(1,000 \text{ m}^3)$	719	705	714	741
	Water withdrawal by uses					
	Total	$(1,000 \text{ m}^3)$	49,463,282	47,263,796	37,129,334	37,665,148
	River water for hydroelectric plants	$(1,000 \text{ m}^3)$	49,462,389	47,262,577	37,128,052	37,663,915
	Industrial water	( 1,000 m <sup>3</sup> )	73	384	422	344
	Municipal water	$(1,000 \text{ m}^3)$	794	811	831	855
	Groundwater	$(1,000 \text{ m}^3)$	27	24	31	34
	Water intensity for electricity generation activities					
	Total	$(m^3/kWh)$	5.7	5.5	5.2	5.3
303-4	Water discharge by destination					
	Total	$(1,000 \text{ m}^3)$	49,463,282	47,263,796	37,129,331	37,665,148
	Surface water (wetlands, lakes, rivers)	$(1,000 \text{ m}^3)$	49,462,389	47,262,577	37,128,057	37,663,921
	Groundwater	$(1,000 \text{ m}^3)$	0	0	0	0
	Sea (in industrial treatment plants)	( 1,000 m <sup>3</sup> )	335	668	715	638
	Third party water (municipal treatment plants)	( 1,000 m <sup>3</sup> )	558	551	559	589
303-5	Freshwater consumption	( =,::: ,				
	Total	( 1,000 m <sup>3</sup> )	<1	<1	3	<1
	Water treatment	( 1/000 /				
	Volume of waste water treatment in power plants	( 1,000 m <sup>3</sup> )	_	_	_	-
	COD emissions from power plants	( t )	-	-	-	-
	Annual accumulated ALPS treated water discharge volume	( 1,000 m <sup>3</sup> )	-	-	31	55
	Business Impacts of Water Related Incidents	( million JPY )	-	-	0	0
GRI		UM	FY2021	FY2022	FY2023	FY2024
	Waste					
	Industrial waste by disposal method					
306-3	Total generated	( 1,000 t )	148	140	156	158
306-4	Recycled volume	( 1,000 t )	148	140	156	158
306-5	Landfill treatment volume	( 1,000 t )	0.486	0.055	0.093	0.078
	Recycling rate	( % )	99.6	99.9	99.9	99.8
	Hazardous waste					
	Waste volume containing PCB	( 1,000 t )	27	18	21	23
	Insulating oil (inadvertently contaminated)	( ML )	4	4	6	5
	Ash management					
	Total generated	( 1,000 t )	0	0	0	0
	Recycled volume	( 1,000 t )	0	0	0	0
	Landfill treatment volume	( 1,000 t )	0	0	0	0
	Recycling rate	( % )	-	-		<u> </u>
GRI		UM	FY2021	FY2022	FY2023	FY2024
	Other					
	Electric vehicle					
	Number of EV or PHEV	( vehicles )	656	720	915	1,350
	Rate of EV or PHEV fleets	( % )	18	21	27	40
	Green procurement					
	Green procurement rate in office supplies (monetary value based)	( % )	99.9	99.9	>99.9	>99.9
	Paper bought for printers/ photocopiers					
	Number of sheets (equivalent A4 sheets)	( million A4eq )	170	171	171	160
	Weight	( t )	678	681	684	638

	TEPCO HD and all of consolidated subsidiary companies		_	_					
GRI	KPI		UM		FY2021	FY2022	FY2023	FY2024	
	Key figures								
	Installed capacity by energy source								
	Total net electrical capacity	(	MW	)	18,354	18,269	18,310	18,321	
	Thermal net capacity	Ì	MW	)	58	58	58	58	
	Coal	į	MW	)	0	0	0	0	
	LNG	Ì	MW	)	0	0	0	0	
	Oil	Ì	MW	)	58	58	58	58	
	Nuclear net capacity	į	MW	)	8,212	8,212	8,212	8,212	
	Renewable net capacity	Ì	MW	)	10,084	9,998	10,039	10,051	
	Hydroelectric	į	MW	)	10,021	9,945	9,985	9,989	*2
	Solar	(	MW	)	39	30	30	31	
	Wind	į	MW	)	21	21	21	21	
	Geothermal	(	MW	)	0	0	0	0	
	Biomass and cogeneration	(	MW	)	3	3	3	9	
	Net energy production by energy source	•		,					
	Total net electrical production	(	GWh	)	13,698	12,248	11,225	10,893	
	Thermal net production	Ì	GWh	)	157	156	155	159	
	Coal	Ì	GWh	)	0	0	0	0	
	LNG	Ì	GWh	)	0	0	0	0	
	Oil	(	GWh	)	157	156	155	159	
	Nuclear net production	Ì	GWh	)	0	0	0	0	
	Renewable net production	Ì	GWh	)	13,541	12,092	11,070	10,734	
	Hydroelectric	į	GWh	)	13,458	12,016	10,992	10,638	*2
	Solar	Ì	GWh	)	31	25	22	33	
	Wind	Ì	GWh	)	37	36	35	32	
	Geothermal	į	GWh	)	0	0	0	0	
	Biomass and cogeneration	Ì	GWh	)	16	16	21	30	
	Sales	,		,					
	Electricity volumes	(	GWh	)	233,812	242,784	228,745	228,621	
2-27	Environmental compliance	•		,	,	,	•	,	
	Total monetary value of significant fines	(	million JF	PY )	0	0	0	0	
	Total number of non-monetary sanctions	ì	cases	)	0	0	0	0	
	Significant spill	`		,					
	Total number of significant spill	(	cases	)	0	0	0	0	
	ISO 14001	`		,					
	Certificated offices	(	offices	)	19	20	21	22	
GRI			UM		FY2021	FY2022	FY2023	FY2024	
	Emissions								
305-1	Direct greenhouse gas emissions (Scope 1)								
- 7	Total direct emissions (Scope 1)	( :	,000 t-CO	eq )	203	205	215	221	
	CO <sub>2</sub> emissions from electricity production and other activities		L,000 t-C		123	125	132	136	
	CO2 emissions from vehicles (gasoline and diesel)	•	L,000 t-C	- /	11	10	13	11	
	Total other CO₂eq emissions	-	,000 t-CO		69	69	69	74	
305-2	Indirect greenhouse gas emissions (Scope 2)	( -	.,555 ( 60)	∠~4 <i>)</i>	0,5	09	0,5	/-т	
303 2	Total of Scope2,market based	( -	,000 t-CO	-ea )	5,777	4,934	5,937	4,957	
	Total of Scope2, location based	•	,000 t-CO	,	5,773	4,913	5,981	4,950	
	Civil uses, hydroelectric and thermal electric plants	( -	.,555 ( 60)	∠~4 <i>)</i>	5,775	7,513	3,301	1,550	
	Related to energy purchased from the grid (Scope 2, market based)	1	,000 t-CO	.ea )	489	507	446	498	
	Related to energy purchased from the grid (Scope 2, Indiket based)		,000 t-CO		485	485	490	491	
	Related to technical losses from distribution and transmission network	-	.,000 t-CO	-	5,288	4,427	5,491	4,459	
	Scope 1 and 2	( -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 <sup>C</sup> 4 <i>)</i>	3,200	7,74/	3,431	7,733	
	Market based	1	,000 t-CO	۱ مو	5,980	5,139	6,152	5,179	
	Location based	•	,000 t-CO	,	5,980 5,976	5,139	6,196	5,179 5,171	
	Location baseu	( -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 <sup>C</sup> 4 /	3,370	3,110	0,150	3,1/1	

302-2 305-3	Other indirect greenhouse gas emissions (Scope 3, per GHG protcol)						
302 2 303 3	Total of Scope 3	( 1,000 t-CO <sub>2</sub> eq )	_	106,401	115,464	102,816	*24
	Category 1 Purchased goods and services	( 1,000 t-CO <sub>2</sub> eq )	_	-	3,895	4,786	
	E Category 2 Capital goods	( 1,000 t-CO <sub>2</sub> eq )	_	_	2,533	2,874	
	© Category 3 Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	( 1,000 t-CO <sub>2</sub> eq )	_	_	102,046	88,292	
	© Category 4 Upstream transportation and distribution	( 1,000 t CO <sub>2</sub> eq )	_	_	26	23	
	Category 5 Waste generated in operations	( 1,000 t-CO <sub>2</sub> eq )	_	_	6	10	
	Tategory 6 Business travel	-	_	_	5	5	
		( 1,000 t-CO <sub>2</sub> eq )	-	-	13	13	
	Category 7 Employee commuting	( 1,000 t-CO <sub>2</sub> eq )	-	-			
	Category 8 Upstream leased assets	( 1,000 t-CO <sub>2</sub> eq )	-	-	1	2	
	Other (upstream)	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
	Category 9 Downstream transportation and distribution	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0.4	
	□ Category 10 Processing of sold products	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
	<sup>o</sup> Category 11 Use of sold products	( 1,000 t-CO <sub>2</sub> eq )	-	-	6,934	6,807	
	Category 12 End-of-life treatment of sold products	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
	Category 13 Downstream leased assets	( 1,000 t-CO <sub>2</sub> eq )	-	-	5	4	
	≥ Category 14 Franchises	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
	Category 15 Investments	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
	Other (downstream)	( 1,000 t-CO <sub>2</sub> eq )	-	-	0	0	
GRI		UM	FY2021	FY2022	FY2023	FY2024	
	Energy						
302-1 302-4	Energy consumption	( 61 )	12 122 711	42.425.420	44 756 060	12 24 4 620	
	Total	( GJ )_	13,122,744	13,135,128	11,756,069	12,214,629	
	Electricity production and other activities	( GJ )	1,787,910	1,823,146	1,929,388	2,002,320	
	Vehicles (gasoline and diesel)	( GJ )	155,338	158,534	142,014	161,084	
	Electricity, heat and steam (civil uses, hydroelectric and thermal electric plants)	( GJ )	11,179,495	11,153,448	9,684,667	10,051,225	
GRI	Water	UM	FY2021	FY2022	FY2023	FY2024	
303-3	Water Water withdrawal by uses						
303-3	Total	( 1000 3 )	F2 707 101	E0 621 270	41 252 720	41,543,159	
		( 1,000 m <sup>3</sup> )	52,787,101	50,621,370	41,352,728	, ,	
	River water for hydroelectric plants	( 1,000 m <sup>3</sup> )	52,786,057	50,619,971	41,351,172	41,541,566	
	Industrial water for thermal electric plants	$(1,000 \text{ m}^3)$	73	384	422	408	
	Municipal water	( 1,000 m <sup>3</sup> )	944	991	1,104	1,151	
001	Groundwater	( 1,000 m <sup>3</sup> )	27	25	31	34	
GRI	KPI Washa	UM	FY2021	FY2022	FY2023	FY2024	
	Waste Tradicativial waste by disposal method						
206.2	Industrial waste by disposal method	( 1 000   60 )	242	4.50	474	400	
306-3	Total generated	( 1,000 t-CO <sub>2</sub> )	212	152	171	192	
306-4	Recycled volume	( 1,000 t-CO <sub>2</sub> )	212	152	171	190	
306-5	Landfill treatment volume	( 1,000 t-CO <sub>2</sub> )	<1	<1	<1	2	
007	Recycling rate	( % )	99.6	99.7	99.7	99	
GRI	KPI Other	UM	FY2021	FY2022	FY2023	FY2024	
	Electric vehicle						
		(leielee )	600	754	020	1 200	
	Number of EV or PHEV	( vehicles )	690	754	938	1,386	
	Green procurement		05.3	04.0	05.0	00.1	
	Green procurement rate in office supplies (monetary value based)	( % )	95.3	94.8	85.9	99.1	
	Paper bought for printers/ photocopiers						
	Number of sheets (equivalent A4 sheets)	( million A4eq )	247	249	246	232	
	Weight	( t )	985	993	982	928	

- Figures which are marked with ★ have been externally assured by KPMG AZSA Sustainability Co., Ltd.
- Totals may not be match due to significant digits or rounding.
- · 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 transmission and distribution loss rate by voltage is the transmission and distribution loss rate by voltage stated in the General Provisions for Wheeling Service announced at the beginning of the fiscal year.
- \*4 The installation was completed in all households by FY2020 except for some places where installation works are technically difficult.
- \* 5 Excluding wholesale electricity
- \*6 Adjusted emissions intensity refers to the CO2 emission intensity after reflecting adjustments related to the allocation of surplus non-fossil value of the feed-in tariff scheme for renewable energy and the purchase of non-fossil certificates, based on the "Act on Promotion of Global Warming Countermeasures."
- \*7 Adjusted emissions refer to the CO2 emission after reflecting adjustments related to the allocation of surplus non-fossil value of the feed-in tariff scheme for renewable energy and the purchase of non-fossil certificates, based on the "Act on Promotion of Global Warming Countermeasures."
- \*8 Excluding wholesale gas
- \*9 CO2 emissions intensity and CO2 emissions are calculated and published from FY2023 results in accordance
  - with the revision of the Act on Promotion of Global Warming Countermeasures and other related laws and regulations.
  - Adjusted emissions intensity and adjusted emissions refer to the values after reflecting adjustments
  - of domestic and overseas certified emission reductions based on the Act on Promotion of Global Warming Countermeasures.
- \*10 Scope 1 emissions refer to GHG emissions released directly into the atmosphere from emission sources within organizational boundaries.
  - In principle, these emissions are calculated using the emission intensity listed in the Ministry of the Environment's
  - Calculation Methods and Emission Coefficients in the Calculation, Reporting, and Disclosure System.
  - This is based on Japanese laws: the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.
  - In addition, CO2 emissions from vehicles are also included in Scope 1 emissions.
- \*11 Scope 1 emissions do not include the amount of fluorocarbon leakage based on the Fluorocarbon Emissions Control Act.
- \*12 The value for calendar year (from January 1 to December 31)
- \*13 Scope 2 emissions refer to emissions due to the use of electricity, heat and steam supplied by others.
- \*14 "Market based" emissions are emissions which are calculated based on the emissions intensity of each retail company.
  - Calculated by using the adjusted emissions intensity for each retail company
- \*15 "Location based" emissions reflect the average emissions intensity of grids.
- \*16 The emissions are calculated by multiplying the transmission and distribution (T&D) loss electricity by the TSO's emission intensity.
  - The T&D loss electricity is calculated by multiplying the amount of electricity TEPCO Power Grid transmitted at the transmission end by the T&D loss rate.
  - The TSO's emission intensity is converted to the value at the transmission end.
- \*17 Scope 3 emissions refer to indirect emissions (not included in scope 2)
  - Approach to calculation: calculated according to the guidelines below.
  - "Corporate Value Chain (Scope 3) Accounting and Reporting Standard (GHG protocol)"
  - "Basic Guidelines for Calculating Greenhouse Gas Emissions through Supply Chains (Ministry of Economy, Trade and Industry, Ministry of the Environment)"
  - Calculation method for each of the categories
  - Category 1: A hybrid of the following two
    - A. Calculated by multiplying the procurement amount for each product/service purchased by the emissions intensity
    - B. If the supplier publishes corporate emissions and sales on their websites, etc., calculate using the published values and our procurement amount.
  - 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 amount of electricity procured 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: Calculated by multiplying transportation volume or transportation charges by the emission factor from FY2023 results
  - 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: Calculated by multiplying transportation volume or transportation charges by the emission factor from FY2024 results
  - 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

- \*18 From FY2022 results, the scope of aggregation has been expanded to include all purchased products and services.
- \*19 Total transmission emissions.
  - •Emissions from resource extraction, production and transport of input fuels for power generation:
    calculated by multiplying the amount of electricity procured by the emission intensity of the fuel procurement.
    Emissions intensity is based on the "Emissions intensity database for determining greenhouse gas emission transfers of organisations through the supply chain".
  - Emissions associated with electricity sold:

These emissions are calculated by multiplying the amount of electricity sold by the emissions intensity (not adjusted) such as that of TEPCO Energy Partner, while excluding any overlap with Scope 1 and Scope 2 emissions.

- \*20 From FY2023 results, calculated by multiplying transportation volume or transportation charges by the emissions intensity.
- \*21 Emissions associated with the use of city gas we sell:
  Calculated by multiplying the city gas sold (in calorific value) by the emissions intensity specified in the GHG Emissions Accounting, Reporting, and Disclosure System administered by Japan's Ministry of the Environment.
- \*22 VOC emissions based on the emission standards of the Air Pollution Control Act, which is a regulatory law of Japan, are zero.
- \*23 Until FY2022 results, calculated using 9.97 (GJ/MWh) as the primary energy equivalent of electricity. From FY2023 results, calculated using 8.64 (GJ/MWh) as the primary energy equivalent of electricity.
- \*24 From FY2022 results, the scope of aggregation is expanded to include all consolidated subsidiaries, and from FY2023 results is published by category.