	Sastania	Data	Trends 2024			
GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
			lled Capacity			
	Thermal capacity	MW	60735.00	63385.00	65325.00	68705.00
	Coal	MW	54224.00	56874.00	58814.00	62194
	Natural gas Renewable capacity	MW MW	6511.00 5075.00	6511.00 5577.00	6511.00 6929.00	6511 7253.00
EU1	Hydroelectric	MW	3725.00	3775.00	3725.00	3725
	Small Hydro	MW	32.00	32.00	32.00	32
	Wind	MW	163.00	163.00	163.00	213
	Solar	MW	1155.00	1657.00	3009.00	3283
	Biomass	MW	-	-	-	
	Total Gross Installed capacity	MW	65810.00	68962.00	72254.00	75958.00
	Thermal capacity	MU	eneration 300843.06	345874,28	381510.68	402892.56
	Coal	MU	289589.74	337275.00	376334.48	395243.04
	Natural gas	MU	11253.32	8599.28	5176.20	7649.52
	Renewable capacity	MU	13230.74	14642.27	17799.38	19323.33
EU2	Hydroelectric	MU	11366.77	12094.30	12875.01	12466.63
	Small Hydro	MU	91.56	80.64	113.85	38.25
	Wind	MU	296.01	337.85	324.04	338.12
	Solar Total Green Comparation	MU MU	1476.40 314073.81	2129.49 360516.55	4486.48 399310.06	6480.34 422215.8 9
	Total Gross Generation Total Net Generation	MU	291788.05	335758.49	371278.00	371278.00
	Total Net Generation		oment (Under Construc		371270.00	371270.00
	The sum of some side.	MW	12850.00	9980.00	9960.00	
	Thermal capacity Coal	MW	12850.00	9980.00	9960.00	
	Natural gas	MW	0.00	0.00	0.00	
	Renewable capacity	MW	5139.00	5695.32	6923.00	
EU4	Hydroelectric	MW	2255.00	2255.00	2255.00	
	Small Hydro	MW	0.00	0.00	0.00	
	Wind	MW	0.00	150.00	0.00	
	Geothermal Solar	MW MW	2884.00	3290.32	4668.00	
	Biomass	MW	2004.00	3290.32	4008.00	
	Under Construction Capacity	MW	17989.00	15675.32	16883.00	
		Fue	el Procured	•	•	
	Coal	MMT	192.20	225.41	247.86	264.52
	Imported	MMT	1.06	2.46	15.56	0
	Domestic	MMT	191.14 2599.00	222.95 2029.63	232.30 416.40	264.522 1991.21
	Gas Biomass	(,000 t)	24.60	38.69	23.88	171.72
	Diomass	. ,	Mitigation	30.03	25.00	1/1//2
205 5	Carbon Sink Created	mil t	0.72	0.74	0.76	0.78
305-5			11.17	12.31	14.82	18.94
	Avoided emissions	mil t	10.45	11.57	14.06	18.16
		_	e gas emissions (Scope		1 225.45	252.25
	CO2 emissions from the electricity production	mil t	263.90	304.08	336.46	353.25
	Emissions from coal electricity gen. Emissions from gas electricity gen.	mil t mil t	258.82 5.08	300.10 3.98	333.69 2.78	349.40 3.85
	Other CO2eq emissions due to electricity	11111 C	3.00			3.03
305-1	production and other activities	mil t _{eq}		0.06	0.02	
303 1	of which: emission from losses of SF6 from energy production	toneq	-	57360.00	20250.47	
	of which: emission from losses of HFCs from energy production	toneq	-	1048.80	210.64	
	Total direct emissions (Scope 1)		263.90	304.14	336.48	353.25
	SCOPE 1 Emissions (after adjustment)	mil t _{eq}	263.18	303.40	335.70	352.47
				555.40	555.70	332.47
305-4	Specific CO2 omissions from total	•	mission - Scope 1	942.46	942.64	026.60
	Specific CO2 emissions from total gross production	g/kWh	840.25	843.46	842.61	836.66
	Specific CO2eq emissions from Scope 1	gCO2eq/kWh	837.96	841.57	840.70	834.81
	Indirect greenhouse gas e	emissions (Scope 2):	Purchased electricity	from the grid		
	Emission due to power consumption by Building	Ton	15221.86	16400.34	15810.23	
305-2	and Offices					
305-2	and Offices Emission due to power consumption by Hydro/ Gas Plants during Shutdown	Ton	-	-	69933.23	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
		Other indirect green	house emissions (Sco	pe 3)		
	Transport of coal by sea	Ton	167400.00	492900.00	3451606	
205.2	Transport of coal by train	Ton	366776.43	606841.98	891322.31	
305-3	Commute to workplaces by Employees	Ton	12309.00	12034.30	17421.13	
	Business Travels by Employees	Ton	26918.79	2103.62	4202.26	
	Total indirect emissions (Scope 3)	Ton	573404.2245 1.83	1113879.89 3.09	4364552.04 10.93	
	Specific Scope 3 Emssion	gCO2eq/kWh Other Atmosphe	ric Non GHG Emissions	3.09	10.93	
	SO2 emissions	Ton	1552254	1621349	1767481.60	
	NOx emissions	Ton	602832	640419	657376.38	
	Particular Matter	Ton	88431	91115	89294.96	
305-7	Hg emissions	Ton	4.66	7.23	7.00	
	Specific emissions					
	SO2 emissions	g/kWh	4.94	4.50	4.43	
	NOx emissions Particular Matter	g/kWh g/kWh	1.93 0.28	1.78 0.25	1.65 0.22	
	Hg emissions	g/kWh	0.00	0.00	0.00	
	Ozone Depleting Substances emissions	8/ 14411	0.00	0.00	0.00	
207.6	ODS (CFC-11 equivalent)	kgCFC-11eq	23499.86	403.00	1484.37	
305-6	Specific ODS	(x10^-6) gCFC-11eq/ kWh	12.00	1.12	3.72	
	Energ		nsumption by primary	source in GJ		
	from non-renewable sources	GJ	2953663879.38	3385265320.57	3742448770.17	3939364497.85
	Coal	GJ	2851164930.66	3305688837.96	3687815606.35	3861577046.41
	Natural gas	GJ	101630257.86	79144416.79	53847760.23	77765352.76
	Naptha	GJ	862567.80	423850.99	777481.61	14519.21
202.4	LDO	GJ	4143.90	5491.43	5358.02	5829.08
302-1	HFO	GJ	1968.72	2034.79	1474.02	1341.99
	HSD LSHS	GJ GJ	10.43	688.60	1089.93	2.47 405.94
	from renewable resources	GJ	302912.40	497293.50	246700.00	2317923.52
	Biomass, biogas and waste	GJ	302912.40	497293.50	246700.00	2317923.52
	Total direct consumption	GJ	2953966791.77	3385762614.07	3742695470.17	3941682421.38
	Net Energy Intensity	MJ/ kWh	10.11	10.08	10.01	9.97
	Net Energy Intensity		10.11 Auxilary Power Consum		10.01	
		Energy Consumption:	Auxilary Power Consum 20090.00	ption 22797.14	25114.09	9.97
	Net Energy Intensity Coal Stations	Energy Consumption: MU %	Auxilary Power Consum 20090.00 0.07	ption 22797.14 6.78	25114.09 6.68	9.97 26533.80 6.73
		Energy Consumption: MU % MU	Auxilary Power Consum 20090.00 0.07 376.00	22797.14 6.78 285.71	25114.09 6.68 187.11	9.97 26533.80 6.73 285.21
	Coal Stations	MU MU MU MU MU MU MU	20090.00 0.07 376.00 0.03	22797.14 6.78 285.71 3.32	25114.09 6.68 187.11 3.61	9.97 26533.80 6.73 285.21 3.72
	Coal Stations	MU % MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00	22797.14 6.78 285.71 3.32 76.54	25114.09 6.68 187.11 3.61 71.48	9.97 26533.80 6.73 285.21 3.72 67.00
302-1	Coal Stations Gas Stations Hydro	MU % MU % MU % MU % MU %	20090.00 0.07 376.00 0.03	22797.14 6.78 285.71 3.32 76.54 0.63	25114.09 6.68 187.11 3.61	9.97 26533.80 6.73 285.21 3.72 67.00 0.54
302-1	Coal Stations Gas Stations	MU % MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00	22797.14 6.78 285.71 3.32 76.54	25114.09 6.68 187.11 3.61 71.48 0.56	9.97 26533.80 6.73 285.21 3.72 67.00
302-1	Coal Stations Gas Stations Hydro Small Hydro	MU % MU % MU % MU % MU MU M MU MU MU MU MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00	22797.14 6.78 285.71 3.32 76.54 0.63 1.12	25114.09 6.68 187.11 3.61 71.48 0.56 2.13	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36
302-1	Coal Stations Gas Stations Hydro	MU %	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09
302-1	Coal Stations Gas Stations Hydro Small Hydro	Energy Consumption: MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52
302-1	Coal Stations Gas Stations Hydro Small Hydro Solar	Energy Consumption: MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00 0.01	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74
302-1	Coal Stations Gas Stations Hydro Small Hydro Solar	Energy Consumption: MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00 0.01	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58
302-1	Coal Stations Gas Stations Hydro Small Hydro Solar Wind	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74
302-1	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total	Energy Consumption: MU % MU	Auxilary Power Consum 20090.00 0.07 376.00 0.03 67.00 0.01	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58
302-1	Coal Stations Gas Stations Hydro Small Hydro Solar Wind	Energy Consumption: MU % MU	20533.00 6.54 Energy Consumption	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources	MU %	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345 Urces used in the production	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha	Energy Consumption: MU % MU	20090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345 Urces used in the production of the	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO	Energy Consumption: MU % MU	20533.00 6.54 Energy Consumption 132.95 2295.34 0.087 1643.345 Urces used in the product 195.39 2555.00 18280.00 103298.00	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO	Energy Consumption: MU % MU	2090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345 Urces used in the production of the p	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process 226.55 2030.91 8923.49 139853.77 49821.36	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125 250.20 1386.95 16355.58 144360.29 38087.07	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD	Energy Consumption: MU % MU	20533.00 6.54 Energy Consumption 132.95 2295.34 0.087 1643.345 Urces used in the product 195.39 2555.00 18280.00 103298.00	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
302-4	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD From renewable resources	Energy Consumption: MU % MU	2090.00 0.07 376.00 0.03 67.00 0.01 20533.00 6.54 Energy Consumption 132.95 22995.34 0.087 1643.345 Urces used in the production of the p	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process 226.55 2030.91 8923.49 139853.77 49821.36	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125 250.20 1386.95 16355.58 144360.29 38087.07	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
302-4	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD	Energy Consumption: MU % MU	20533.00 0.01 20533.00 0.54 Energy Consumption 132.95 22995.34 0.087 1643.345 urces used in the production of the produ	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process 226.55 2030.91 8923.49 139853.77 49821.36 18177.57	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125 250.20 1386.95 16355.58 144360.29 38087.07 28835.93	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0
302-4	Coal Stations Gas Stations Hydro Small Hydro Solar Wind Total Electrical Energy Heat Energy (Eq. MT of coal) Heat Energy (Eq. MCM of Gas) Total Energy Saved Mater Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD From renewable resources Biomass for thermoelectric production	Energy Consumption: MU % MU	20533.00 0.01 20533.00 0.54 Energy Consumption 132.95 22995.34 0.087 1643.345 urces used in the production of the produ	22797.14 6.78 285.71 3.32 76.54 0.63 1.12 1.39 42.72 2.01 3.42 1.01 23206.65 6.46 135.55 26152 0 1693.500724 ction process 226.55 2030.91 8923.49 139853.77 49821.36 18177.57	25114.09 6.68 187.11 3.61 71.48 0.56 2.13 1.87 81.12 1.81 2.75 0.85 25458.68 6.38 139.61 23022.348 0 1735.502125 250.20 1386.95 16355.58 144360.29 38087.07 28835.93	9.97 26533.80 6.73 285.21 3.72 67.00 0.54 2.36 2.09 124.70 1.92 2.52 0.74 27015.58 6.42 142.71 36140 0

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Alum	t	14104.28	13480.00	28978.90	
	HCI	t	19910.88	18175.00	32905.49	
	H2SO4	t	23915.97	20690.00	34174.51	
	Lube Oil	kL	848.99	974.00	1169.10	
	Transformer Oil	kL	175.27 ource in "water stressed"	329.00	355.23	
	Withdrawal from scarce source:	vater withurawar by st	ource iii water stresseu	dieds		
	Surface water (Rivers,lakes, reservoir, Wetland)					
	total					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm ³		3365.21	2489.51	
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.00	
	Collected rain water (Artificial reservoir)					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.07	
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.00	
	Ground water total					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.00	
	- other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty	Mm ³		0.00	0.00	
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm ³		0.15	0.24	
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.00	
	Withdrawal from non scarce source: Sea water (used as is and dissalated)				0.00	
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm ³		0.00	0.00	
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm ³		11.11	0.00	
303-3	Total Fresh Water Withdrawal	Mm ³		3376.47	2489.82	
303-3		Water withdrawal b	y source in "All Areas" a	reas		
	Attaladaanaa faaaa aaaaa aanaaa					
	Withdrawal from scarce source:					
	Surface water (Rivers,lakes, reservoir, Wetland) total					
	Surface water (Rivers,lakes, reservoir, Wetland)	Mm ³	910.20	1909.46	5478.26	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm³	910.20	1909.46 0.00	5478.26 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir)	Mm ³	0.00	0.00	0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm³	0.00	0.00	0.00 4.10	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir)	Mm ³	0.00	0.00	0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm³	0.00	0.00	0.00 4.10	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm³	0.00	0.00	0.00 4.10	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm ³ Mm ³	0.00 12.06 0.00	0.00	0.00 4.10 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm³ Mm³ Mm³	0.00 12.06 0.00	0.00 0.00 0.00	0.00 4.10 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm³ Mm³ Mm³	0.00 12.06 0.00	0.00 0.00 0.00	0.00 4.10 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00	0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) withdrawal from non scarce source	Mm³ Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated)	Mm³ Mm³ Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00 0.55	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00 0.55 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated)	Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00 0.55	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³ Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 1010.36	0.00 0.00 0.00 0.00 0.00 0.00	0.00 4.10 0.00 0.00 0.00 0.55 0.00	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Total Fresh Water Withdrawal	Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 1010.36 Reduction	0.00 0.00 0.00 0.00 0.00 0.00 0.00 146.49 2055.94	0.00 4.10 0.00 0.00 0.00 0.55 0.00 179.10 5662.01	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Total Fresh Water Withdrawal	Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 1010.36 Reduction 12.18	0.00 0.00 0.00 0.00 0.00 0.00 0.00 146.49 2055.94	0.00 4.10 0.00 0.00 0.00 0.55 0.00 179.10 5662.01	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Total Fresh Water Withdrawal Rain Water Surface water storage	Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 88.10 1010.36 Reduction 12.18 10.13	0.00 0.00 0.00 0.00 0.00 0.00 0.00 146.49 2055.94	0.00 4.10 0.00 0.00 0.00 0.55 0.00 179.10 5662.01 4.58 4.10	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Total Fresh Water Withdrawal	Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 1010.36 Reduction 12.18 10.13 2.05	0.00 0.00 0.00 0.00 0.00 0.00 0.00 146.49 2055.94	0.00 4.10 0.00 0.00 0.00 0.55 0.00 179.10 5662.01	
	Surface water (Rivers,lakes, reservoir, Wetland) total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Collected rain water (Artificial reservoir) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Ground water total - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Withdrawal from non scarce source Sea water (used as is and dissalated) - freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids) Total Fresh Water Withdrawal Rain Water Surface water storage	Mm³	0.00 12.06 0.00 0.00 0.00 0.00 0.00 0.00 88.10 1010.36 Reduction 12.18 10.13	0.00 0.00 0.00 0.00 0.00 0.00 0.00 146.49 2055.94	0.00 4.10 0.00 0.00 0.00 0.55 0.00 179.10 5662.01 4.58 4.10	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Waste Water Reused (No Treatment)	Mm ³		259.24	273.14	
	Waste Water Treated	Mm ³		85.71	81.09	
	Primary treatment	Mm ³		3.45	0.08	
NTPC's 3 R	Secondary treatment	Mm ³	187.32	82.01	80.83	
	Tertiary treatment	Mm ³		0.25	0.19	
	Waste Water Recycled	Mm ³		76.06	71.95	
	Primary treatment	Mm ³		2.29	0.06	
	Secondary treatment	Mm ³	175.56	73.56	71.70	
	Tertiary treatment	Mm ³	(= , ,) = , , , ,	0.22	0.19	
	Wasta Watan Disabagasal	_	(Treated) Discharged 11.76	9.80	9.14	
	Waste Water Discharged Recyling Rate (Percentage of recycled and reused	Mm ³				
	water)	%	94%	97%	97%	
	Water consumption from alternate sources	% Water Discharge	20% by Destination and Type	34%	33%	
	Water discharge by destination	Mm ³	by Destination and Type	1143.67	4528.31	
	Total Surface water (wetlands, lakes, rivers)	Mm ³		1058.58	4409.98	
	Groundwater	Mm ³		0.00	0.00	
	Third party water	Mm ³		0.00	0.99	
303-4	Seawater	Mm ³	61.02	85.09	117.34	
	Water discharge by type	Mm ³		1058.58	4528.31	
	Discharge of water used for once through cooling	Mm ³		1058.58	4519.17	
	system Other surface water discharge	Mm ³		0.00	9.14	
	other surface water discharge		Consumptions	0.00	3.14	
	Surface water (Rivers,lakes, reservoir, Wetland) total	Mm³	910.22	997.22	1068.36	
	Ground water total	Mm ³	0.00	0.00	0.00	
303-5	Water from thirdparty	Mm ³	0.00	0.15	5.43	
	Sea water	Mm ³	27.09	72.51	61.76	
	Total Fresh Weter Consumption	3	040.00	007.37	1073.79	
	Total Fresh Water Consumption	Mm ³	910.22	997.37	10/3./9	
	Specific Fresh Water Consumption	I/ kWh	2.90	2.76	2.69	
	Specific Fresh Water Consumption	I/ kWh Was	2.90 te Produced	2.76	2.69	
	Specific Fresh Water Consumption Hazardous Waste	I/ kWh Was	2.90 te Produced 1480.46	2.76 3110.76	2.69 4832.25	
	Specific Fresh Water Consumption	I/ kWh Was	2.90 te Produced	2.76	2.69	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste	I/ kWh Was t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal	3110.76 60858.08 3270.32	2.69 4832.25 42383.26 62163.10	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste	I/ kWh Was t t t t t	2.90 te Produced 1480.46 74876.76 249.40	2.76 3110.76 60858.08 3270.32 1636.43	4832.25 42383.26 62163.10 2045.80	
	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused	l/ kWh Was t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal	2.76 3110.76 60858.08 3270.32 1636.43 0.30	4832.25 42383.26 62163.10 2045.80 340.30	
	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle	I/ kWh Was t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal	2.76 3110.76 60858.08 3270.32 1636.43	4832.25 42383.26 62163.10 2045.80	
	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused	l/ kWh Was t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Reused	l/ kWh Was t t t Waste dive t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Reused Recycle	l/ kWh Was t t t t Waste dive t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Recovery options Other Recovery options	l/ kWh Was t t t Waste dive t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14	
	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Recovery options Other Waste	l/ kWh Was t t t t Waste dive t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28	
306-3	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Recovery options Other Recovery options	l/ kWh Was t t t Waste dive t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused	/ kWh Was t t t t Waste dive t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50	
306-3	Specific Fresh Water Consumption Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options	l/ kWh Wasse dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Recycle Other Recovery options Other Waste Recycle Other Waste Recycle Other Recovery options Other Waste Recycle Other Recovery options Other Recovery options	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Recycle Other Recovery options Other Waste Recycle Other Waste Recycle Other Recovery options Other Waste Recycle Other Recovery options Other Recovery options	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Hazardous Waste Cher Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste	/ kWh Waste diverse to the second se	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Character Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration	/ kWh Waste diverse to the second se	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12	
306-3	Recycle Other Waste Reused Recycle Other Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Geovery options Other Waste Reused Recycle Other Geovery options Non-Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling Other disposal options Other disposal options	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99 89.10	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97	
306-3	Recycle Other Waste Reused Recycle Other Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Geovery options Other Waste Reused Recycle Other Geovery options Non-Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling	/ kWh Waste dive t t t t t t t t t t t t t t t t t t t	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45 verted to Disposal 770.14	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Resed Recycle Other Recovery options Other Waste Resed Recycle Other Hazardous Waste Recycle Other Waste Recycle Other Waste Recycle Other Waste Recycle Other Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling Other disposal options Other Waste	// kWh Waste diverse to the state of the st	2.90 te Produced 1480.46 74876.76 249.40 reted from Disposal 649.77 24810.77 191.45 verted to Disposal 770.14	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options	// kWh Waste diverse to the state of the st	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14 153.73	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44 18.11 634.26 0.07	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12 129.84 47904.30 4.98	
306-3	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Reused Recycle Other Recovery options Other Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Fly Ash Produced	// kWh Waste diverse to the second s	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14 153.73 26.89	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44 18.11 634.26 0.07 83.19	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12 129.84 47904.30 4.98 88.96	
306	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Reused Recycle Other Recovery options Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Fly Ash Produced Fly ash Utilised	/ kWh	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14 153.73	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44 18.11 634.26 0.07	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12 129.84 47904.30 4.98	
	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Character Grant Gran	// kWh Waste diverse to the second s	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14 153.73 26.89	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44 18.11 634.26 0.07 83.19	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12 129.84 47904.30 4.98 88.96	
306	Hazardous Waste Non-Hazardous Waste Other Waste Hazardous Waste Cother Waste Hazardous Waste Reused Recycle Other Recovery options Non-Hazardous Waste Reused Recycle Other Recovery options Other Waste Reused Recycle Other Recovery options Hazardous Waste Reused Recycle Other Recovery options Hazardous Waste Incineration Landfilling Other disposal options Non-Hazardous Waste Incineration Landfilling Other disposal options Other Waste Incineration Landfilling Other disposal options Fly Ash Produced Fly ash Utilised	/ kWh	2.90 te Produced 1480.46 74876.76 249.40 rted from Disposal 649.77 24810.77 191.45 rerted to Disposal 770.14 153.73 26.89	2.76 3110.76 60858.08 3270.32 1636.43 0.30 1636.13 0.00 51523.84 263.57 51161.72 98.55 2003.86 1803.15 118.53 82.18 365.70 0.00 365.70 0.00 5119.90 141.81 4888.99 89.10 652.44 18.11 634.26 0.07 83.19	2.69 4832.25 42383.26 62163.10 2045.80 340.30 1703.40 2.10 40176.69 238.84 39565.71 372.14 13179.28 12852.50 186.07 140.71 1778.66 39.84 1725.04 13.78 3220.98 429.12 2606.89 184.97 48039.12 129.84 47904.30 4.98 88.96	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Frequency of surveys	number	1.00	1.00	1.00	
	Scale of the Organisation					
102-7	Size of workforce					
	Total workforce	number	21941	20771	21745	
Energy Compact	Green Jobs	number			269	
	Green Jobs Training Provided	number			1139	
102-8	Workforce by geographic area and gender of whom men	number number	20278	19138	19973	
102-8	of whom women	number	1663	1663	1772	
	of Whoth Women		nd gender (permanent o		1772	
	Board of Directors and KMP	number	10	6	5	
	of whom men	number	10	6	5	
		%	100%	100%	100%	
	of whom women	number	0	0	0	
		%	0%	0%	0%	
	Top/ Senior management	number	510	49	58	
	of whom men	number	497	43	55	
	of whom women	% number	97% 13	88%	95% 3	
	of whom women	number %	3%	2%	5%	
	Middle management	number	3880	4250	4358	
	of whom men	number	3695	4047	4153	
		%	95%	95%	95%	
	of whom women	number	185	203	205	
		%	5%	5%	5%	
	Lower/Junior management	number	9114	8766	8576	
	of whom men	number	8411	8076	7861	
	-fhm	%	92% 703	92% 690	92% 715	
	of whom women	number %	8%	8%	8%	
	Workmen	number	8427	7700	7255	
	of whom men	number	7665	6961	6549	
405-1		%	91%	90%	90%	
405-1	of whom women	number	762	739	706	
		%	9%	10%	10%	
	Total	number	21941	20771	20252	
		Markforce by age ran	ge and level (permanent	only)	<u> </u>	
	< 30	number	1662	2002	1591	
	Board of Directors and KMP	number	0	0	0	
	Top/ Senior management	number	0	0	0	
	Middle management	number	0	0	0	
	Lower/Junior management	number	877	1141	863	
	Workmen	number	785	861	728	
	30-50	number	10280	9895	10338	
	Board of Directors and KMP	number	0	0	0	
	Top/ Senior management	number	2	0	2	
	Middle management Lower/Junior management	number number	1985 5448	2089 5202	2235 5596	
	Workmen	number	2845	2604	2505	
	>50	number	9999	8874	8323	
	Board of Directors and KMP	number	10	6	5	
	Top/ Senior management	number	508	49	56	
	Middle management	number	1895	2161	2123	
	Lower/Junior management	number	2789	2423	2117	
	har I		4797	4235	4022	
	Workmen	number				
	Workmen Total	number	21941	20771	20252	
	Total	number	21941 e of contract and gende	20771 r	20252	
		number	21941	20771		
	Total Permanent Employee	number Workforce by typ	21941 e of contract and gende 13514	20771 r 13071	20252	
	Total Permanent Employee of whom men	number Workforce by typ number	21941 e of contract and gende 13514 12613	20771 13071 12177	12997 12074	
	Permanent Employee of whom men of whom women Permanent Workers of whom men	number Workforce by typ number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665	20771 13071 12177 894 7700 6961	20252 12997 12074 923 7255 6549	
	Permanent Employee of whom men of whom women Permanent Workers of whom men of whom women	number Workforce by typ number number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665 762	20771 13071 12177 894 7700 6961 739	20252 12997 12074 923 7255 6549 706	
	Permanent Employee of whom men of whom women Permanent Workers of whom men of whom women Total NTPC Group Permanent Employees	number Workforce by typ number number number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665 762 21941	20771 13071 12177 894 7700 6961 739 20771	20252 12997 12074 923 7255 6549 706 20252	
102-8	Permanent Employee of whom men of whom women Permanent Workers of whom men of whom women Total NTPC Group Permanent Employees of whom men	number Workforce by typ number number number number number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665 762 21941 20278	20771 13071 12177 894 7700 6961 739 20771 19138	12997 12074 923 7255 6549 706 20252 18623	
102-8	Permanent Employee of whom men of whom women Permanent Workers of whom men of whom women Total NTPC Group Permanent Employees of whom men of whom women	number Workforce by typ number number number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665 762 21941	20771 13071 12177 894 7700 6961 739 20771	20252 12997 12074 923 7255 6549 706 20252	
102-8	Total Permanent Employee of whom men of whom women Permanent Workers of whom women Total NTPC Group Permanent Employees of whom men of whom women Total whom women Workforce by type of contract and gender	number Workforce by typ number	21941 e of contract and gende 13514 12613 901 8427 7665 762 21941 20278	20771 13071 12177 894 7700 6961 739 20771 19138 1633	20252 12997 12074 923 7255 6549 706 20252 18623 1629	
102-8	Permanent Employee of whom men of whom women Permanent Workers of whom men of whom women Total NTPC Group Permanent Employees of whom men of whom women	number Workforce by typ number number number number number number number number number	21941 e of contract and gende 13514 12613 901 8427 7665 762 21941 20278	20771 13071 12177 894 7700 6961 739 20771 19138	12997 12074 923 7255 6549 706 20252 18623	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	of whom women	number		130	143	
	Other than Permanent workers	number	97442	106662	113355	
	of whom men	number			111457	
	of whom women	number			1898	
	Total Turnover (Voluntary)	number			1769	
	Workforce by level and gender Board of Directors and KMP	arrest an			2	
	of whom men	number number			2	
	of whom men	%			100%	
	of whom women	number			0	
		%			0%	
	Top/ Senior management	number			36	
	of whom men	number			36	
		%			100%	
	of whom women	number			0	
		%			0%	
	Middle management	number			392	
	of whom men	number			374	
	of whom women	% number			95%	
	of whom women	number %			18 5%	
	Lower/Junior management	number			517	
	of whom men	number			477	
		%			92%	
	of whom women	number			40	
		%			8%	
	Fixed Term Employees (Other than permanent) + Trainees	number			206	
	of whom men	number			174	
		%			84%	
	of whom women	number			32	
		%			16% 616	
	Workmen (Permanent) of whom men	number number			571	
	of whom men	%			93%	
	of whom women	number			45	
	or whom women	%			7%	
	Total Turnover (Voluntary + Involuntary)	number		1704	1781	
	Workforce by level and gender					
	Board of Directors and KMP	number		2	2	
	of whom men	number		1	2	
		%		50%	100%	
	of whom women	number		1	0	
	- /o ·	%		50%	0%	
	Top/ Senior management of whom men	number number		22	36 36	
	of whom men	%		100%	100%	
	of whom women	number		0	0	
401-1	or whom women	%		0%	0%	
	Middle management	number		434	393	
	of whom men	number		425	375	
		%		98%	95%	_
	of whom women	number		9	18	
		%		2%	5%	
	Lower/Junior management	number		534	522	
	of whom men	number		494	482	
	of whom women	%		93%	92%	
	of whom women	number %		40 7%	40 8%	
	Fixed Term Employees (Other than permanent) +	/0				
	Trainees	number		21	209	
	of whom men	number		16	176	
		%		76%	84%	
	of whom women	number		5	31	
		%		24%	15%	
	Workmen (Permanent)	number		693	619	
	of whom men	number		666	574	
		%		96%	93%	
	of whom women	number		27	45	
	*	%		4%	7%	
	Turnover Total employee turnover rate (%)	0/		12 040/	12 700/	
	Total employee turnover rate (%)	%	<u> </u>	13.04%	13.70%	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Permanent Employees	%		8.10%	7.76%	
	of whom men	%		8.40%	7.89%	
	of whom women	%		4.72%	6.32%	
	Permanent Workers	%		0.65%	0.55%	
	of whom men of whom women	%			0.51% 2.37%	
	Voluntary employee turnover rate (%)	% %	0.00%	0.00%	8.73%	
	Permanent Employees	%	0.00%	0.00%	7.29%	
	of whom men	%	0.00%	0.00%	7.36%	
	of whom women	%	6.28%	6.28%	6.28%	
	Permanent Workers	%	0.00%	0.00%	0.54%	
	of whom men	%	0.00%	0.00%	8.72%	
	of whom women	%	0.00%	0.00%	6.37%	
	Involuntary employee turnover rate (%)	%	0.00%	8.20%	0.06%	
	Permanent Employees	%	0.00%	7.59%	0.05%	
	of whom men	%	0.00%	7.74%	0.05%	
	of whom women	%	0.00%	5.59%	0.00%	
	Permanent Workers	%	0.00%	9.00%	8.53%	
	of whom men	%	0.00%	9.57%	0.05%	
	of whom women	%	0.00%	3.65%	0.00%	
	Employee Appraisal	1		1	1	
	Performance and Career development reveiws					
	Board of Directors and KMP	number	10	6	5	
	of whom men	number	10	6	5	
		%	100%	100%	100%	
	of whom women	number	0	0	0	
		%	100%	100%	0%	
	Top/ Senior management	number	510	49	44	
	of whom men	number	497	43	43	
		%	100%	100%	100%	
	of whom women	number	13	1	1	
		%	100%	100%	100%	
404-3	Middle management	number	3880	4250	3857	
	of whom men	number	3695	4047	3675	
	6.1	%	100%	100%	100%	
	of whom women	number %	185 100%	203 100%	182 100%	
	Lower/Junior management	number	9114	8766	7208	
	of whom men	number	8411	8076	6611	
	or whom men	%	100%	100%	100%	
	of whom women	number	703	690	597	
	or union women	%	100%	100%	100%	
	Workmen	number	8427	7700	5384	
	of whom men	number	7665	6961	4950	
		%	100%	100%	100%	
	of whom women	number	762	739	434	
		%	100%	100%	100%	
	Training					
	Total hours (By gender and Emp category)	<u> </u>			<u> </u>	
	Board of Directors and KMP	Number		9	0	
	of whom men	Number		7	0	
	6.1	Man-hours		84	0	
	of whom women	Number		2	1	
	Ton/Sonior management	Man-hours	E14	60	6 52	
	Top/ Senior management of whom men	Number Number	514 502	30 30	52	
	OF WHOTH THEIR	Man-hours	15276	978	3762	
	of whom women	Number	12	0	1	
		Man-hours	228	0	6	
	Middle management	Number	3111	3806	3728	
	of whom men	Number	3038	3632	3553	
		Man-hours	110424	199254	232008	
	of whom women	Number	73	174	175	
		Man-hours	2664	9678	11322	
	Lower/Junior management	Number	7093	7481	6727	
	of whom men	Number	6469	6891	6200	
		Man-hours	188964	446964	386334	
	of whom women	Number	624	590	527	
		Man-hours	18672	28554	32028	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Fixed Term Employees (Other than permanent) + Trainees	Number		511	988	
	of whom men	Number		397	873	
	or whom men	Man-hours		64410	123900	
	of whom women	Number		114	115	
		Man-hours		27000	11334	
	Workmen (Permanent)	Number	3248	5352	4532	
	of whom men	Number	2936	4954	4202	
		Man-hours	29868	110088	84966	
	of whom women	Number	312	398	330	
	Total Training imported	Man-hours	3756 369852	9342 896412	7818 893496	
	Total Training imparted of whom men	Man-hours Man-hours	344532	821778	830970	
404-1	of whom women	Man-hours	25320	74634	62526	
	Average training hours per employee	Man-hours/ emp	26	52	58	
	of whom men	Man-hours/ emp	27	52	57	
	of whom women	Man-hours/ emp	25	58	59	
	Dissemination of sustainability	, ,				
	Training on aspects (only permanent employees)					
	Skill Upgradation	number	15317	1411	15824	
	of whom men	number	1331/	1312	14692	
	5. Miloni men	%		93%	93%	
		Man-hours		15107	799116	
	of whom women	number		99	1132	
		%		7%	7%	
		Man-hours		1293	59238	
	Environment	number	941	549	415	
	of whom men	number		492	396	
		%		90%	95%	
		Man-hours		6162	4332	
	of whom women	number		57	19	
		%		10%	5%	
		Man-hours		618	222	
	Supply Chain	number	1693	7	46	
	of whom men	number		7	40	
		% Man-hours		100% 61	87% 10320	
	of whom women	number		0	6	
	or whom women	%		0%	13%	
		Man-hours		0	1548	
	Code of Ethics	number	1000	764	2581	
	of whom men	number		679	2404	
		%		89%	93%	
		Man-hours		6590	17202	
	of whom women	number		85	177	
		%		11%	7%	
		Man-hours		828	1518	
<u></u>	Training on Human Rights					
	Permanent Employee	number	47	1572	283	
		%	0%	12%	2%	
		Man-hours	536	16188	1848	
	Permanent Workers	number	47	604	298	
DDCD F 4		%	1%	8%	4% 2616	
BRSR 5.1 GRI 404-1	Other than Permanent Employee (Fixed Term) +	Man-hours	624	4872	2616	
GNI 404-1	Trainees	number		35	40	
		%	- 	3%	3%	
		Man-hours		246	264	
	Other than Permanent workers	number		1		
		%				
	Tactoine on Health and Co.C.	Man-hours				
	Training on Health and Safety	m	12100	11700	16224	
	NTPC Employee	number %	12190 56%	11789 57%	16224 80%	
403-5			101595	57% 68769	80% 134631	
403-3	Contractual Workers	Man-hours number	173971	214097	616348	
	Contractual Workers	number %	179%	201%	544%	
			1195080	1297459	2465392	
		Man-hours				

2013 Employees covered by pension plan (benefit plant)	GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
### MATERNITY/PATERNITY PARENTAL LEAVE Employees including Workes) entitled to parental leave by gender	201-3	Employees covered by pension plan (benefit plan)	number			20252	
Employees (including Workers) entitled to partential leave by gender with the common number of 1663 1633 16279 Partential leave by gender 1663 1633 16279 Partential leave by gender 1663 1633 16279 Partential leave by gender 1664 150 1623 16279 Partential leave by gender 1664 150 120 1200 Women 1667 1668 1668 1670 100 100 100 100 100 Partential leave by gender 1664 150 120 1200 1200 Partential leave by gender 1664 150 1200 1200 1200 1200 Partential leave by gender 1664 150 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 1200 1200 Partential leave by gender 1667 1600 1200 1200 1200 1200 1200 1200 1200		Employees covered by pension plan (benefit plan)	%			93%	
### Partial leave by gender number 20278 19138 38023 ### Women number 1663 1633 1629 ### Partial leave by gender number 664 644 701 ### Women number 664 644 701 ### Partial leave by gender number 664 644 701 ### Women number 664 644 701 ### Partial leave by gender 164 130 790 ### Partial leave by gender 5 100 100 100 ### Women 5 100 100 100 100 ### Women 6 100 100 100 100 ### Women 7 100 100 100 100 ### Women 7 100 100 100 100 ### Women 7 100 100 100 100 100 ### Women 7 100 100 100 100 100 ### Women 7 100 100 100 100 100 100 ### Women 7 100 100 100 100 100 100 100 100 ### Women 7 100		MATERNITY/PATERNITY-PARENTAL LEAVE					
A01-3 Ventral leave by gender Number 1663 1633 1629 Ventral leave by gender Number 1664 1644 701 Ventral leave by gender Number 1664 1646 701 Ventral leave by gender Number 1661 130 290 Ventral leave by gender Number 1661 130 290 Ventral leave by gender Number Number 1640 100 100 100 Ventral leave by gender Number Nu							
Parental leave by gender							
### A03-3 Mem			Humber	1005	1055	1029	
Nomes Nome	401-3	men					
parental leave by gender % 100			number	164	130	290	
Women		parental leave by gender		100	100	100	
Retention rate by gender						1	
Women				100	100	100	
Ratio of basic salary/remuneration Women/Men Statio of basic salary Women/Men %						1	
Ratio of basic salary Women/Men % 100 10		women	%	100	100	100	
Board of Directors and KMP							
Top/Senior management Middle ma				100	100	100	
Lower/Junior management % 100							
Morkmen							
Ratio of remuneration Women/Men % 100 10	405-2						
Board of Directors and KMP				100	100	100	
Middle management % 100 100 100 Lower/Junior management % 100 100 100 Workmen % 100 100 100 Diversity of governance bodies and employees (Group)				100	100	100	
Lower/Junior management % 100						1	
Workmen % 100 10							
Diversity of governance bodies and employees (Group)							
Specially Abled Employees							
of whom men number 0 0 0 of whom women number 0 0 0 0 for whom women number 0 <		Specially Abled Employees					
Section Sect						1	
of whom women number 0 0 0 Top/ Senior management number 0 0 0 of whom men number 0 0 0 of whom women number 0 0 0 of whom women number 0 0 0 Middle management number 23 29 35 of whom men number 28 34 whom women number 1 1 of whom women number 1 1 umber 1 1 1 wor/Junior management number 173 160 187 of whom men number 173 160 187 of whom women number 171 1 workmen number 15 16 workmen number 384 346 344 of whom women number 296 296 workmen number		of whom men				1	
Top/ Senior management number 0 0 0 0 0 0 0 0 0		of whom women					
of whom men number 0 0 0 of whom women mumber 0 0 0 of whom women mumber 0 0 0 Middle management number 23 29 35 of whom men number 28 34 men 0.69% 97.14% of whom women number 1 1 men 1 1 1 men <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
of whom women % 0% 0% 0% Middle management number 23 29 35 of whom men number 28 34 of whom women number 1 1 of whom women number 1 1 Lower/Junior management number 173 160 187 of whom men number 145 171 mumber 145 171 mumber 15 16 workmen number 15 16 workmen number 2% 9% of whom men number 296 296 workmen number 296 296 mumber 50 48 of whom women number 4 1 fixed Term Employees number 4 1 of whom women number 0 0 fixed Term Employees number 0 0 of who							
Middle management		of whom then					
Middle management number 23 29 35 35 of whom men number 28 34		of whom women					
of whom men number 28 34 of whom women number 1 1 of whom women number 1 1 Lower/Junior management number 173 160 187 of whom men number 145 171 mof whom women number 15 16 mof whom women number 15 16 mof whom men number 384 346 344 of whom men number 296 296 of whom women number 50 48 fixed Term Employees number 4 1 of whom men number 4 1 of whom women number 0 0 fixed Term Employees number 0 0 of whom women number 0 0 of whom women number 0 0 of whom women number 0 0 0f whom women numbe		Middle menagement					
Mathematical State				23			
Lower/Junior management number 173 160 187 of whom men number 173 160 187 of whom women number 145 171 % 2% 91% of whom women number 15 16 % 2% 9% Workmen number 384 346 344 of whom men number 296 296 % 86% 86% of whom women number 50 48 fixed Term Employees number 4 1 of whom men number 4 1 of whom women number 4 1 of whom women number 4 1 of whom women number 0 0 of whom women number 0 0 fixed Term Employees number 0 0 of whom women number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number 0 0 contact Number 580 539 567 contact Number							
Lower/Junior management number 173 160 187		of whom women					
of whom men number 145 171		Lower/Junior management		173		1	
of whom women number 15 16 Workmen number 384 346 344 of whom men number 296 296 296 of whom women number 50 48 48 48 48 44 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14% 14 1 100%				17.5			
Workmen			%		2%		
Workmen number 384 346 344 of whom men number 296 296 % 86% 86% of whom women number 50 48 Fixed Term Employees number 4 1 of whom men number 4 1 of whom women number 0 0 of whom women number 0 0 Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number 580 539 567		of whom women				1	
of whom men number 296 296 % 86% 86% of whom women number 50 48 Fixed Term Employees number 4 14% of whom men number 4 1 of whom women number 4 1 of whom women number 0 0 Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number		Workmen		384			
of whom women number 50 48 % 14% 14% Fixed Term Employees number 4 1 of whom men number 4 1 % 100% 100% of whom women number 0 0 Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number Image: Control of the control				-			
No. 14% 14% 14%							
Fixed Term Employees number 4 1 of whom men number 4 1 % 100% 100% of whom women number 0 0 of whom women number 0 0 % 0% 0% Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number		or wnom women					
of whom men number 4 1 % 100% 100% of whom women number 0 0 % 0% 0% Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number Image: Control of the con		Fixed Term Employees					
405-1 of whom women number 0 0 7 Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number 0 0 0			number		4	1	
1405-1		of whom women					
Total number 580 539 567 Reserved Group (OBC/SC/ST Employees) Board of Directors and KMP number		or whom women					
Board of Directors and KMP number	405-1	Total		580			
of whom men number 0 0 0				_		_	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
		%	0%	0%	0%	
	of whom women	number	0	0	0	
	- /0 :	%	0% 51	0%	0%	
	Top/ Senior management of whom men	number number	51	4	3	
	or whom men	%		8%	5%	
	of whom women	number		0	0	
	er unioni weinen	%		0%	0%	
	Middle management	number	1214	1340	1328	
	of whom men	number		1281	1278	
		%		32%	31%	
	of whom women	number		59	50	
		%		29%	24%	
	Lower/Junior management	number	4365	4135	3770	
	of whom men	number		3840	3493	
		%		48%	44%	
	of whom women	number		295	277	
		%	4000	43%	39%	
	Workmen	number	4088	3897	2799 2616	
	of whom men	number		3518		
	of whom women	% number		18% 379	14% 183	
	or whom women	number %		23%	183	
	Fixed Term Employees + Trainees	number		543	786	
	of whom men	number		494	717	
	or whom men	%		54%	53%	
	of whom women	number		49	69	
	er unioni weinen	%		38%	48%	
	Total	number	9718	9919	8686	
	RELATIONS WITH UNIONS (Permanent Only)					
	Union membership in the electricity sector			45.400/	== +==/	
	(Empoyee)	%		46.18%	53.12%	
102-41	Total Employees covered by collective agreements,	number		6036	6905	
	Union membership in the electricity sector (Workers)	%		100%	100%	
	Total Workers covered by collective agreements,	number		7700	7255	
203-1	INITIATIVES IN FAVOR OF THE COMMUNITY Contributions to communities					
	Total (expense + investments)	Rs. cr.	461.96	418.87	352.79	
	NATURE OF SUPPLIERS					
	Supplier Base	number	16373	17372	9430	
	Domestic	number	12516	13455		
102-8	Foreign	number	3857	3917		
	New suppliers enlisted	number	1060	3070	511	
	Workforce of contracting and subcontracting	number	97442	106662	104302	
	companies				 	
	Local suppliers of materials and services	Do or	34378	5976	69312	
	Spending on local suppliers Spending on foreign suppliers	Rs.cr. Rs.cr.	34378 434	103	261	
	Concentration of spending on local suppliers	KS.Cr. %	98.8%	98.3%	99.6%	
	Concentration of spending on foreign suppliers	%	1.2%	1.7%	0.4%	
	MSE Procurement	%	51%	43%	40%	
	Procurement from Marginalised Group (SC/ST)	%	0.22%	0.32%	0.17%	
204-1	Procurement from Women	%	0.39%	0.63%	0.40%	
204-1	Purchases and fuel					
	Purchases of materials and services	Rs. cr.			<u> </u>	
	Supplies	Rs. cr.			14474.59	
	Works	Rs. cr.		1	13136.71	
	Services	Rs. cr.			19194.52	
	Fuel purchases	Rs. cr.		1602.74	96851.50	
	Gas	Rs. cr.		1682.71	3052.30	
	Oil Coal/Lignite	Rs. cr.		1015.59	1495.00	
	Coal/Lignite Biomass	Rs. cr.		63773.80 34.56	92081.38 64.39	
	SAFETY	Rs. cr.		34.36	04.39	
	Employees			1	1	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
	Number of fatalities	number	1	1	1	
	Fatalities frequency rate	(i)	0.021	0.021	0.024	
	Number of "high-consequence" injuries (excluding fatalities) and frequency rate					
	Number of "high-consequence" injuries	number	0	1	1	
	"High-consequence" injuries frequency rate	(i)	0.000	0.000	0.004	
	Other injuries and frequency rate					
	No. of Lost Time Injury	number	5	4	6	
	Lost Time Injury Frequency Rate (LTIFR)	(i)	0.11	0.08	0.14	
	No. of Recordable work-related injury or ill health	number	37	3	5	
	Recordable Injury Rate Contractor Workers	(i)	0.90	0.15	0.26	
	Number of fatalities and frequency rate					
	Number of fatalities	number	6	4	4	
	Fatalities frequency rate	(i)	0.02	0.02	0.02	
	Number of "high-consequence" injuries (excluding					
400.0	fatalities) and frequency rate					
403-9	Number of "high-consequence" injuries "High-consequence" injuries frequency rate	number (i)	0.00	0.00	0.00	
	Other injuries and frequency rate	(1)	0.00	0.00	0.00	
	No. of Lost Time Injury	number	27	22	15	
	Lost Time Injury Frequency Rate (LTIFR)	(i)	0.11	0.08	0.07	
	No. of Recordable work-related injury or ill health	number	0	35	15	
	Recordable Injury Rate	(i)	0.11	0.22	0.13	
	Total (Employee+ Contractor workers)					
	Number of fatalities and frequency rate	b	7	5	5	
	Number of fatalities Fatalities frequency rate	number (i)	0.02	0.02	0.019	
	Number of "high-consequence" injuries (excluding	(1)	0.02	0.02	0.013	
	fatalities) and frequency rate Number of "high-consequence" injuries		0	1		
	"High-consequence" injuries frequency rate	number (i)	0.00	0.00	0.004	
	Other injuries and frequency rate	(1)	0.00	0.00	0.004	
	No. of Lost Time Injury	number	32	26	21	
	Lost Time Injury Frequency Rate (LTIFR)*	(i)	0.11	0.08	0.079	
	No. of Recordable work-related injury or ill health	number	37	38	20	
	Recordable Injury Rate*	(i)	0.24	0.20	0.15	
	SHAREHOLDERS Composition of shareholdings					
	Investors					
	Government of India	%	51.02	51.10	51.10	
	Indian Financial Institutions/bank	%	11.41	0.44	0.22	
	Mutual Funds	%	19.87	17.73	19.92	
102-5	Foreign Portfolio Investors/FII	%	12.64	14.74	15.60	
	Resident Individuals Bodies Corporates	%	1.81 0.23	2.12 0.17	2.07 0.41	
	Insurance Companies	% %	2.16	12.58	8.90	
	Trusts	%	0.51	0.01	0.01	
	HUF	%	0.00	0.07	0.07	
	Others	%	0.35	1.04	1.70	
	CORPORATE GOVERNANCE					
	Board of Directors (BoD) Members of BoD by type					
	Executive members	number	6	6	5	
	Govt. Nominee members	number	2	2	2	
40E 4	Independent	number	2	4	4	
405-1	Women on BoD of the Group Women on the BoD of NTPC	number number	1	1	1	
	Members of the BoD by age group	number	1	†	 	
	Under 30 years old	number	0	0	0	
	30 - 50 years old	number	0	0	0	
	Over 50 years old	number	10	14	11	
	BoD meetings	number	14	15	15	
	Confirmed Bribery & Corruption cases related to	number			0	
	Employees	number			0	
	Suppliers/Contractors	number			9	

GRI/EUSS	КРІ	Unit	2021	2022	2023	2024
205-3	Actions taken in response to incidents of conflict of interest/corruption by law agencies	number			0	
	of which: actions taken against employees in response to cases of conflict of interest/corruption	number			0	
	of which: actions taken against contractors in response to cases of conflict of interest/corruption	number			0	
	Innovation & R&D					
	Patents Granted	number	22	28	33	
DMA EU/ BRSR 2.1	Copyrights Granted	number	9	10	15	
	R&D Expenditure	Rs. Cr	185.78	222.48	283.45	
	Research personnel	number	46	34		

^{*} Per Million Man-hours worked