GRI/EUSS	КРІ	Unit	2020	2021	2022	Change(2022-2021)	% change
	Installed Capacity						
	Thermal capacity	MW	<b>57615.00</b> 51104.00	<b>60735.00</b> 54224.00	<b>63385.00</b> 56874.00	2650 2650	<b>4%</b> 5%
	Coal Natural gas	MW	6511.00	6511.00	6511.00	0	0%
EU1	Renewable capacity	MW	4495.00	5075.00	5577.00	502	10%
LOT	Hydroelectric	MW	3425.00	3725.00	3725.00	0	0%
	Small Hydro Wind	MW	32.00 163.00	32.00 163.00	32.00 163.00	0	0% 0%
	Solar	MW	875.00	1155.00	1657.00	502	43%
	Total Gross Installed capacity	MW	62110.00	65810.00	68962.00	3152	5%
	Generation						
	Thermal capacity	MU MU	<b>285253.98</b> 276017.27	300843.06 289589.74	345874.28 337275.00	45031 47685	<b>15%</b>
	Coal Natural gas	MU	9236.71	11253.32	8599.28	-2654	-24%
	Renewable capacity	MU	4937.33	13230.74	14642.27	1412	11%
EU2	Hydroelectric	MU	3449.60	11366.77	12094.30	728	6%
	Small Hydro	MU MU	13.15 103.11	91.56 296.01	80.64 337.85	-11 42	-12%
	Wind Solar	MU	1371.47	1476.40	2129.49	653	14% 44%
	Total Gross Generation	MU	290191.31	314073.81	360516.55	46443	15%
	Total Net Generation	MU	268060.99	291788.05	335758.49	43970	15%
	New Project Development (Under Construction)	MW	21333.00	17989.00	15675.32	-2314	-13%
	Thermal capacity Coal	MW	16430.00 16430.00	12850.00 12850.00	9980.00 9980.00	-2870 -2870	-22% -22%
	Natural gas	MW	0.00	0.00	0.00	0	0%
EU4	Renewable capacity	MW	4903.00	5139.00	5695.32	556	11%
	Hydroelectric	MW	2555.00	2255.00	2255.00	0	0%
	Small Hydro Wind	MW	0.00	0.00	0.00 150.00	0 150	0%
	Wind Solar	MW	2348.00	2884.00	3290.32	150 406	0% 14%
	Fuel Procured					.50	
	Coal	MMT	191.20	192.20	225.41	33	17%
	Imported	MMT	3.20	1.06	2.46	1	132%
	Domestic Gas	MMT MMSCM	188.00	191.14 2599.00	222.95 2029.63	32 -569	17% -22%
	Gas Biomass	(,000 t)	3.90	2599.00	38.69	-569 14	-22% 57%
205 5	Carbon Sink Created	mil t	0.70	0.72	0.74	0.02	3%
305-5	Avoided emissions	mil t	4.10	10.45	11.57	1	11%
	Direct greenhouse gas emissions (Scope 1)						
	CO2 emissions from the electricity production and heat	mil t <sub>eq</sub>	252.44	263.90	304.08	40	15%
	Emissions from coal electricity gen.	mil t <sub>eq</sub>	248.58	258.82	300.10	41	16%
305-1	Emissions from gas electricity gen.	mil t <sub>eq</sub>	3.86	5.08	3.98	-1	-22%
	Other CO2eq emissions due to electricity production and other activities	mil t <sub>eq</sub>	0.00	0.00	0.06	0	
	of which: emission from losses of SF6 from energy production of which: emission from losses of HFCs from energy production	toneq			2.40 7.58	2 8	
	Total direct emissions (Scope 1)	mil t <sub>eq</sub>	251.74	263.18	303.41	40	15%
	Specific emissions						
305-4	Specific CO2 emissions from total net production	g/kWh	869.90	861.00	843.46	-18	-2.04%
	Specific CO2eq emissions from Scope 1	gCO2eq/kWh	867.48	837.96	841.59	4	0.43%
	Indirect greenhouse gas emissions (Scope 2) Purchased electricity from the grid						
305-2	Non-Plant Locations	Ton	15845.34	15221.86	16400.34	1178	8%
	Total indirect emissions (Scope 2)	Ton	15845.34	15221.86	16400.34	1178	8%
	Other indirect greenhouse emissions (Scope 3)	T	493024.00	167400.00	492900.00	325500	194%
	Transport of coal by sea Transport of coal by train	Ton Ton	459667.13	366776.43	606841.98	240066	65%
305-3	Business Travels by Employees	Ton	62.00	40.36			-2%
	Commute to workplaces by Employees	Ton			39.46	-1	
			28000.00	26918.79	2103.62	-24815	-92%
	Total indirect emissions (Scope 3)	Ton	28000.00 980753.13				
	Other atmospheric emissions	Ton	980753.13	26918.79 561135.58	2103.62 1101885.05	-24815 540749	-92% 96%
	Other atmospheric emissions SO2 emissions	Ton Ton	980753.13 1279366.20	26918.79 561135.58 1552253.67	2103.62 1101885.05 1621348.84	-24815 540749 69095	-92% 96% 4%
	Other atmospheric emissions	Ton	980753.13	26918.79 561135.58	2103.62 1101885.05	-24815 540749	-92% 96%
305-7	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions	Ton Ton Ton	980753.13 1279366.20 612983.06	26918.79 561135.58 1552253.67 602831.58	2103.62 1101885.05 1621348.84 640419.16	-24815 540749 69095 37588	-92% 96% 4% 6%
305-7	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions	Ton Ton Ton Ton Ton Ton Ton	980753.13 1279366.20 612983.06 89246.82 10.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23	-24815 540749 69095 37588 2684 3	-92% 96% 4% 6% 3% 55%
305-7	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions SO2 emissions	Ton Ton Ton Ton Ton Ton Ton Ton	980753.13 1279366.20 612983.06 89246.82 10.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50	-24815 540749 69095 37588 2684 3	-92% 96% 4% 6% 3%
305-7	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions	Ton Ton Ton Ton Ton Ton Ton	980753.13 1279366.20 612983.06 89246.82 10.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23	-24815 540749 69095 37588 2684 3	-92% 96% 4% 6% 3% 55%
305-7	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hig emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hig emissions	Ton Ton Ton Ton Ton Ton Ton G/kWh	980753.13 1279366.20 612983.06 89246.82 10.18 4.41 2.11	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78	-24815 540749 69095 37588 2684 3 0 0	-92% 96% 4% 6% 3% 55% -8.91%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions NOX emissions Particular Matter Hg emissions Ozone Depleting Substances emissions	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh	980753.13 1279366.20 612983.06 89246.82 10.18 4.41 2.11 0.31 0.00	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00	-24815 540749 69095 37588 2684 3 0 0 0	92% 96% 4% 6% 3% 55% -8.91% -8% -11%
305-7 305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions NOx emissions NOx emissions Quantific matter Hg emissions Oxone Depleting Substances emissions Oxone Depleting Substances emissions Oxone Cort 11 equivalent 1)	Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh	980753.13 1279366.20 612983.06 89246.82 10.18 4.41 2.11 0.31 0.00	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00	-24815 540749 69095 37588 2684 3 0 0 0 0 0	-92% 96% 4% 6% 3% 55% -8.91% -8% -11%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions NOX emissions Particular Matter Hg emissions Ozone Depleting Substances emissions	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh	980753.13 1279366.20 612983.06 89246.82 10.18 4.41 2.11 0.31 0.00	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00	-24815 540749 69095 37588 2684 3 0 0 0	.92% 96% 4% 6% 3% 55% -8.91% -8% -11%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions NOx emissions NOx emissions OC emissions NOX emissions OC emissions DO emissions OC emissions SO3 emissions NOX emissions SO3 emissions NOX emissions SO3 emissions SO4 emissions SO5 emission	Ton  Ton Ton Ton Ton Ton  g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00	-24815 540749 69095 37588 2684 3 0 0 0 0 0 	-92% 96% 4% 6% 3% 55% -8.91% -8% -11%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions Ozone Depleting Substances emissions Ozone Depleting Substances emissions ODS (CFC-11 equivalent ) Specific ODS Energy Consumption Fuel consumption Fuel consumption Fuel consumption by primary source in TJ from non-renewable sources	Ton Ton Ton Ton Ton g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh GFC-11eq/kWh	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82	2103.62 110188.05 1621348.84 640419.16 91115.35 7.23 4.50 0.25 0.00 403.00 1.12	24815 540749 69095 37588 2684 3 0 0 0 0 7 7 431601441	92% 96% 4% 6% 3% 55% -8.91% -88% -11% -98% -99%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions OOX emissions Particular Matter Hg emissions OOX (Effective for the properties of	Ton Ton Ton Ton Ton Ton G/kWh g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh GFC-11eq/kWh kgCFC-11eq	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12	-24815 540749 69095 37588 2684 3 0 0 0 0 0 0 -23097 -74 431601441 454523907	-92% 96% 4% 6% 3% 55% -891% -11% -98% -99%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions SO2 emissions NOx emissions NOx emissions Particular Matter Hg emissions ODO (EFC 11 equivalent) Specific ODS Energy Consumption Energy Consumption Fuel consumption by primary source in TJ From non-renewable sources Coal Matural gas	Ton Ton Ton Ton Ton Ton G/kWh g/kWh g/kWh g/kWh g/kWh g/kWh GCFC-11eq/kWh kgCFC-11eq GJ GJ GJ	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3305688837.96	-24815 540749 69095 37588 2684 3 0 0 0 0 0 23097 -74 431601441 454523907 -22485841	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -11% -98% -99% -14.61% 15.94% -22.13%
	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions NOx emissions NOx emissions NOx emissions Ozone bepleting substances emissions Ozone bepleting substances emissions Ozone bepleting substances emissions Description of the substance of th	Ton  Ton Ton Ton Ton  Ton  G/kWh	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3385265320.57 79144416.79 42850.99 5491.43	-24815 540749 69095 37588 2684 3 0 0 0 0 0 0 -23097 -74 431601441 454523907	-92% 96% 4% 6% 3% 55% -891% -11% -98% -99% 14.61% 15.94% -22.13% -50.86% 32.52%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions Ozone Depleting Substances emissions Ozone Depleting Substances emissions Ozone Depleting Substances emissions ODS (CFC-11 equivalent ) Specific ODS Energy Consumption Fuel consumption Fuel consumption by primary source in TJ Irom non-renewable sources Coal Natural gas Naptha LDO	Ton Ton Ton Ton Ton Ton G/kWh g/kWh g/kWh g/kWh g/kWh GFC-11eq/kWh kgCFC-1Teq GJ GJ GJ GJ GJ GJ GJ GJ	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 2742624115.63 4566.34 4394.91 2099.24	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1168.72	2103.62 1101885.05 11021348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.12 3385265320.57 330568837.99 423850.99 5491.43 2034.79	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -119 -98% -99% -14.61% 15.94% -50.86% 32.52% 33.36%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions SO2 emissions SO3 emissions NOx emissions Particular Matter Hg emissions ODS (EFC 11 equivalent) SO3 emissions Particular Matter Hg emissions Particular Matter Hg emissions Particular Matter Hg emissions ODS (EFC-11 equivalent) SO3 emissions DDS (EFC-11 equivalent) SO3 (EFC-11 equivalent) SO4 (EFC-11 equivalent) SO5 (EFC-11 e	Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  GFC-11eq/ kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 456.34 4394.91 2099.24 3.27	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3395688837.96 79144416.79 423850.99 5491.43 2034.79 688.60	-24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678	92% 96% 4% 6% 3% 55% -8.91% -8.91% -11% -98% -99% 14.61% 15.94% -22.13% -50.86% 32.52% 3.36% 5603.59%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions NOx emissions SO2 emissions NOx emissions Particular Matter Hg emissions ODS (CFC-11 equivalent) Specific ODS Energy Consumption Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Naptha LDO HFO HSD HSD HTO Trom renewable resources	Ton  Ton  Ton  Ton  Ton  Ton  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/cFC-11eq/ kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1968.72 10.43 302912.40	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3385265320.57 3385265320.57 3395688837.96 79144416.79 423850.99 5491.43 2034.79 688.60	-24815 540749 69095 37588 2684 3 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -11% -98% -99% -12.13% -50.86% 32.52% 3.36% 6503.59% 64.17%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions SO2 emissions SO3 emissions NOx emissions Particular Matter Hg emissions ODS (EFC 11 equivalent) SO3 emissions Particular Matter Hg emissions Particular Matter Hg emissions Particular Matter Hg emissions ODS (EFC-11 equivalent) SO3 emissions DDS (EFC-11 equivalent) SO3 (EFC-11 equivalent) SO4 (EFC-11 equivalent) SO5 (EFC-11 e	Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  GFC-11eq/ kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 456.34 4394.91 2099.24 3.27	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3395688837.96 79144416.79 423850.99 5491.43 2034.79 688.60	-24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678	92% 96% 4% 6% 3% 55% -891% -11% -98% -99% -22.13% 55.84% 32.5.2% 3.3.6% 5603.59%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions SO2 emissions NOx emissions Particular Matter Hg emissions OXOx emissions Particular Matter Hg emissions OXOx emissions OXOx emissions OXOx emissions OXOx emissions Date of the desired of the desi	Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  GFC-11eq/ kWh  kgCFC-11eq/ kWh  GG  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4456.34 4394.91 2099.24 3.27 48022.70 48022.70	26918.79 561135.58 155225.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1168.72 10.43 302912.40	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 0.05 40.25 0.00 403.00 1.12 3385265320.57 3305688837.96 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 0	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -99% -116 -98% -99% -22.13% -50.86% 32.52% 64.17% 64.17%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions SO2 emissions NOX emissions Particular Matter Hg emissions OZOnne Depleting Substances emissions ODS (FC-11 equivalent ) Specific ODS Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Natural gas Naptha LDO HFO HSD From renewable resources Blomass, biogas and waste Total direct consumption Net Energy Index of the Substances Total direct consumption Net Energy Index of the Substances RAW MATERIALS	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  GGFC-11eq/kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 282053032.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1968.72 10.43 302912.40 302912.40 32953966791.77	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3385265320.57 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07	-24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 431795822	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -99% -119 -98% -22.13% -22.13% -50.86% 32.52% 3.36% 64.17% 64.17%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hq emissions Specific emissions SO2 emissions NOx emissions SO2 emissions NOx emissions Particular Matter Hq emissions Ozone Depleting Substances emissions ODS (CFC-11 equivalent) Specific ODS Energy Consumption Enuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Naptha LDO HFO HFO HSD Irom renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RAW MATERIALS RESOURCES Used in the production process	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  GGFC-11eq/kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 282053032.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1968.72 10.43 302912.40 302912.40 32953966791.77	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3385265320.57 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07	-24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 431795822	92% 96% 4% 6% 3% 55% -8.91% -8% -11% -98% -99% -22.13% -22.13% -3.36% 32.52% 3.35% 64.17% 64.17%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions SO2 emissions SO3 emissions Particular Matter Hg emissions OXOx emissions Particular Matter Hg emissions Oxone Depleting Substances emissions OXOx (FC-11 equivalent ) Specific OXO Specific OXO Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Matural gas Naptha LDO HFO HSD Iffom renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Resources used in the production process	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  gGFC-11eq/ kWh  kgCFC-11eq/ kWh	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4456.34 4394.91 2099.24 3.27 48022.70 2820503032.18 10.52	26918.79 561135.58 155253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43 302912.40 2953966791.77 10.11	2103.62 1101885.05 11021348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.12 3385265320.57 330568837.96 423850.99 5491.43 2034.79 688.60 497293.50 497293.50 3385762614.07 10.08	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 194381 431795822 -0.026	92% 96% 4% 6% 3% 55% -8.91% -8.91% -98% -11% -98% -99% -15.94% -50.86% 32.52% 3.36% 6503.59% 64.17% 14.62% -0.26%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions Ozone Depleting Substances emissions ODS (CFC-11 equivalent ) Specific ODS Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Natural gas Naptha LDO HFD HSD from renewable resources Blomass, biogas and waste Total direct consumption Net Energy Industry RAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal	Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  GG-C-11eq/kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 282053032.18	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1968.72 10.43 302912.40 302912.40 32953966791.77	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 3385265320.57 3385265320.57 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07	-24815 -540749 -69095 -37588 -2684 -3 -0 -0 -0 -0 -0 -0 -23097 -74 -74 -438717 -1348 -66 -678 -194381 -431795822 -0.026 -31.554	92% 96% 4% 6% 3% 55% -8.91% -88% -117% -98% -99% -14.61% 15.94% -22.13% -22.13% -50.86% 32.52% -3.36% 6503.59% 64.17% -4.62% -0.26%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions SO2 emissions SO3 emissions Particular Matter Hg emissions OXOx emissions Particular Matter Hg emissions Oxone Depleting Substances emissions OXOx (FC-11 equivalent ) Specific OXO Specific OXO Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Matural gas Naptha LDO HFO HSD Iffom renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Resources used in the production process	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  gGFC-11eq/ kWh  kgCFC-11eq/ kWh	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 2820593032.18 10.52	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43 302912.40 2953966791.77 10.11	2103.62 1101885.05 1621348.84 640419.16 91115.35 7.23 4.50 0.25 0.00 1.12 403.00 1.12 3385265320.57 3395688837.96 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07 10.08	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 0 0 -23097 -74 431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 194381 431795822 -0.026	92% 96% 4% 6% 3% 6% 3% 55% -8.91% -8.91% -98% -11% -98% -99% -14.61% 15.94% -50.86% 32.52% 3.36% 6503.59% 64.17% 14.62% -0.26%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions Specific emissions NOx emissions NOx emissions NOx emissions Particular Matter Hg emissions Ozone Depleting Substances emissions Ozone Depleting Substances emissions Ozone Depleting Substances emissions Particular Matter Hg emission Dos (CFC-11 equivalent) Specific ODS Energy Consumption Fruet consumption by primary source in TJ from non-renewable sources Coal Natural gas Naptha LDO HFO HFO HSD Irom renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RAW MATERIALS RESOURCES used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha	Ton Ton Ton Ton Ton Ton  G/kWh g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh g/kWh kgCFC-11eq/kWh kgCFC-11eq  GJ	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 48022.70 2820503032.18 10.52	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43 302912.40 2953966791.77 10.11	2103.62 110185.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.12 3385265320.57 3305688837.96 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07 10.08	-24815 -540749 -69095 -37588 -2684 -3 -0 -0 -0 -0 -0 -23097 -74 -74 -431601441 -454523907 -22485841 -438717 -1348 -66 -678 -194381 -431979822 -0.026 -524.088 -9356.508	92% 96% 4% 6% 3% 55% -8.91% -8.91% -11% -98% -99% -14.61% 15.94% -22.13% 32.52% 3.36% 64.17% 64.17% 64.17% -0.26% -16.18% -20.51% -51.18% -53.39%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions SO2 emissions SO3 emissions Particular Matter Hg emissions OXO emissions Particular Matter Hg emissions OZONE Depleting Substances emissions ODS (FC-11 equivalent ) Specific ODS Energy Consumption Fuel consumption Fuel consumption by primary source in TJ From non-renewable sources Coal Natural gas Naptha LDO HFO HSD Infrom renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RRAW MATERIALS RESOURCES used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HSD Net Energy Intensity RRAW MATERIALS RESOURCES used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO	Ton  Ton  Ton  Ton  Ton  Ton  g/kWh g/kWh g/kWh g/kWh g/kWh kgCFC-11eq/kWh kgCFC-11eq  GJ	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 48022.70 48022.70 2820503032.18 10.52  187.53 1957.86 97.90 110322.84 50726.27	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 302912.40 302912.40 2953966791.77 10.11	2103.62 1101885.05 11021348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.18 0.25 0.00 1.10 2385265320.57 330568837.96 4330 4330 1.10 23847 688.60 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 0 0 0 23997 -74  431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 43795822 -0.026  31.554 -524.088 -9356.508 36555.770 2259.364	92% 96% 4% 4% 6% 3% 55% -8.91% -886 -119 -98% -99% -115,94% -22.13% -50.86% 32.52% 33.6% 6503.59% 64.17% 14.62% -0.26% -16.18% -20.51.18% -35.39% -17.5%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions Oxone Depleting Substances emissions ODS (PC-11 equivalent ) Specific DDS Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Naural gas Naptha LDO HFO HSD Ret Energy Intensity Ret Matterlats Resources used in the production process Fuel consumption Ret Energy Intensity RAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD	Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  GGFC-11eq/ kWh  kgCFC-11eq/ kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 48022.70 2820503032.18 10.52	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 4143.90 1968.72 10.43 302912.40 2953966791.77 10.11	2103.62 110185.05 1621348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.12 3385265320.57 3305688837.96 79144416.79 423850.99 5491.43 2034.79 688.60 497293.50 3385762614.07 10.08	-24815 -540749 -69095 -37588 -2684 -3 -0 -0 -0 -0 -0 -23097 -74 -74 -431601441 -454523907 -22485841 -438717 -1348 -66 -678 -194381 -431979822 -0.026 -524.088 -9356.508	92% 96% 4% 4% 6% 3% 55% -8.91% -8.91% -98% -99% 14.61% 15.94% -22.13% 3.36% 32.52% 3.36% 64.17% 64.17% 14.62% -0.26%
305-6	Other atmospheric emissions SO2 emissions NOx emissions Particular Matter Hg emissions Specific emissions SO2 emissions NOx emissions SO2 emissions NOx emissions Particular Matter Hg emissions ODS (CFC-11 equivalent) Specific ODS Coone Depleting Substances emissions ODS (CFC-11 equivalent) Specific ODS Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Matural gas Naptha LDO HFO HSD From renewable resources Biomass, biogas and waste Total direct consumption Net Energy Intensity RRAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HTO HSD HTO HTO HETO HSD HTO HTO HSD HTO	Ton  Ton  Ton  Ton  Ton  Ton  Ton  G/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  g/kWh  kgCFC-11eq/ kWh  kgCFC-11eq  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  GJ  G	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 48022.70 48022.70 10.52  187.53 1957.86 97.90 110322.84 50726.27 86.57	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 1968.72 10.43 302912.40 2953966791.77 10.11 195.00 2555.00 18280.00 47562.00 285.00	2103.62 1101885.05 11021348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 403.00 1.12 23852.65320.57 330568837.99 688.60 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50	24815 540749 69095 37588 2684 3 0 0 0 0 0 0 0 0	-92% 96% 4% 4% 6% 3% 55% -8.91% -886 -11% -98% -99% -99% -14.61% 15.94% -50.86% 32.52% 33.36% 6503.59% 64.17% 64.17% -0.26% -0.26% -0.26% -0.26% -0.26% -0.26% -0.26% -0.26% -0.26% -0.26%
305-6	Other atmospheric emissions SO2 emissions Particular Matter Hg emissions Specific emissions Specific emissions Specific emissions SO2 emissions NOx emissions Particular Matter Hg emissions Oxone Depleting Substances emissions ODS (PC-11 equivalent ) Specific DDS Energy Consumption Fuel consumption by primary source in TJ from non-renewable sources Coal Natural gas Naural gas Naptha LDO HFO HSD Ret Energy Intensity Ret Matterlats Resources used in the production process Fuel consumption Ret Energy Intensity RAW MATERIALS Resources used in the production process Fuel consumption for thermoelectric production from non-renewable sources Coal Natural gas Naptha LDO HFO HSD	Ton  Ton  Ton  Ton  Ton  Ton  g/kWh g/kWh g/kWh g/kWh g/kWh kgCFC-11eq/kWh kgCFC-11eq  GJ	980753.13  1279366.20 612983.06 89246.82 10.18  4.41 2.11 0.31 0.00  1194.00 4.11  2820455009.48 2742624115.68 77819740.05 4656.34 4394.91 2099.24 3.27 48022.70 48022.70 48022.70 2820503032.18 10.52  187.53 1957.86 97.90 110322.84 50726.27	26918.79 561135.58 1552253.67 602831.58 88431.33 4.66 4.94 1.93 0.28 0.00 23499.86 74.82 2953663879.38 2851164930.66 101630257.86 862567.80 4143.90 302912.40 302912.40 2953966791.77 10.11	2103.62 1101885.05 11021348.84 640419.16 91115.35 7.23 4.50 1.78 0.25 0.00 1.18 0.25 0.00 1.10 2385265320.57 330568837.96 4330 4330 1.10 23847 688.60 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50 497293.50	24815 540749 69095 69095 37588 2684 3 0 0 0 0 0 0 0 0 23997 -74  431601441 454523907 -22485841 -438717 1348 66 678 194381 194381 43795822 -0.026  31.554 -524.088 -9356.508 36555.770 2259.364	92% 96% 4% 4% 6% 3% 55% -8.91% -8.91% -98% -119 -98% -99% -14.61% 15.94% -22.13% -50.86% 32.52% 33.66% 664.17% 14.62% -0.26% -16.18% -20.51% -51.18% -35.39% -51.18%

GRI/EUSS	КРІ	Unit	2020	2021	2022	Change(2022-2021)	% change
	Ammonia	t	9341.00	1031.13	1532.64	501.5072	49%
	Alum	t	13493.00	14104.28	13480.00		-4%
	HCI H2SO4	t	18241.00 20691.00	19910.88 23915.97	18175.00 20690.00		-9% -13%
	Lube Oil	kL	1005.00	848.99	974.00	125.01	15%
	Transformer Oil	kL	341.00	175.27	329.00	153.73	88%
	Water withdrawal by source in "water stressed" areas Withdrawal from scarce source:		1				
	Surface water (Rivers, lakes, reservoir, Wetland ) total	Mm <sup>3</sup>					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			3365.21		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	Ground water total	Mm <sup>3</sup>					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	Water from thirdparty - freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>	1		0.15		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	Withdrawal from non scarce source:				0.00		
	Sea water (used as is and dissalated)	Mm <sup>3</sup>					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>		88.11	11.11	-77.002	-87%
303-3	Water withdrawal by source in "non-water stressed" areas Withdrawal from scarce source:		1				
	Surface water (Rivers, lakes, reservoir, Wetland ) total	Mm <sup>3</sup>					
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>	† †		1909.46		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	Ground water total	Mm <sup>3</sup>			· · · · ·		
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>	ļ		0.00		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>	1		0.00		
	Water from thirdparty	Mm <sup>3</sup>	1				
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids) - other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	- otner water (> 1,000 mg/1 Total Dissolved Solids)  Withdrawal from non scarce source:	Mm <sup>3</sup>	+ +		0.00		
	Sea water (used as is and dissalated)	Mm <sup>3</sup>	† †	1			
	- freshwater (≤ 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			0.00		
	- other water (> 1,000 mg/l Total Dissolved Solids)	Mm <sup>3</sup>			146.49		
	Total Fresh Water Withdrawal	Mm <sup>3</sup>	0.00		5274.81	5274.812732	
	Water Requirement Reduction Rain Water	Mm3	0.88	12.18	6.93	5.26	-0.43
	Surface water storage	Mm <sup>3</sup>	0.00	10.13	5.96		-0.41
	Ground water Recharge	Mm <sup>3</sup>	0.88	2.05	0.96		-0.53
	Waste Water Reuse & Recycling	Mm <sup>3</sup>					
	Waste Water Generated	Mm <sup>3</sup>	33.60	187.72	344.14	156.41	0.83
	Waste Water Reused (No Treatment)	Mm <sup>3</sup>			259.24	259.24	
	Waste Water Treated	Mm <sup>3</sup>				0.00	
NTPC's 3 R	Primary treatment	Mm <sup>3</sup>			3.45		
	Secondary treatment Tertiary treatment	Mm <sup>3</sup>		187.32	82.01 0.25		-0.56
	Waste Water Recycled	Mm <sup>3</sup>			0.23	0.23	
	Primary treatment	Mm <sup>3</sup>			2.29	2.29	
	Secondary treatment	Mm <sup>3</sup>		175.56	73.56	-102.00	-0.58
	Tertiary treatment	Mm <sup>3</sup>			0.22	0.22	
	Waste Water (Treated) Discharged	Mm <sup>3</sup>		11.76	9.80		-0.17
	Recyling Rate (Percentage of recycled and reused water) Water consumption from alternate sources	%	0.00	0.94 0.20	0.97		0.04
	WATER DISCHARGE	70	0.00	0.20	0.54	0.00	0.00
	Water discharge by destination	Mm <sup>3</sup>				0.00	
	Total Surface water (wetlands, lakes, rivers)	Mm <sup>3</sup>			4287.25	4287.25	
	Groundwater	Mm <sup>3</sup>			0.00		
303-4	Third party water	Mm <sup>3</sup>			0.00		
	Seawater Water discharge by type	Mm <sup>3</sup>	+ +	61.02	85.09		0.39
	Discharge of water used for once through cooling system	Mm <sup>3</sup>	1		4277.45	4277.45	
	Other surface water discharge	Mm <sup>3</sup>			9.80	501 5072 -624.28 -1735.88 -3225.97 125.01 153.73 153.73 -77.002 -77	
	Water Consumptions	Mm <sup>3</sup>				0.00	
	Surface water (Rivers, lakes, reservoir, Wetland ) total	Mm <sup>3</sup>	849.39	910.22	997.22		0.10
202 E	Ground water total	Mm <sup>3</sup>	0.00	0.00	0.00		
303-5	Water from thirdparty	Mm <sup>3</sup>	0.00 95.40	0.00 27.10	0.15 72.51		1.68
	Sea water Total Fresh Water Consumption	Mm <sup>3</sup>	95.40 849.39	27.10 910.22	/2.51 997.37		0.10
	Specific Fresh Water Consumption	I/ kWh	2.93	2.90	2.76		-5%
	WASTE PRODUCED						
	Hazardous Waste Non-Hazardous Waste	t	1480.09 62322.00	1480.46 74876.76	3110.76 60858.08		110% -19%
	Non-Hazardous waste Other Waste	t	02322.00	74876.76 249.40	3270.32		-19% 1211%
	Waste diverted from Disposal	t					
	Hazardous Waste	t	$\Box$	649.77	1636.43	986.66	152%
	Reused Recycle	t	+ +	+	0.30 1636.13	0.3 1636.13	
	Other Recovery options	t			0.00	0	
	Non-Hazardous Waste	t		24810.77	51260.27	26449.5	107%
	Reused	t	+ +		263.57 51161.72	263.57 51161.72	
	Recycle Other Recovery options	t	+ +		98.55	98.55	
	Other Waste	t		191.45	1921.68	1730.23	904%
306-3	Reused	t			1803.15	1803.15	
	Recycle Other Recovery options	t	+		118.53 82.18	118.53 82.18	
		t	+ +		02.18	UZ. 10	
	waste diverted to Disposal						
	Waste diverted to Disposal Hazardous Waste Incineration	t		770.14	365.70 0.00	-404.44 0	-53%

GRI/EUSS	KPI	Unit	2020	2021	2022	Change(2022-2021)	% change
							ĭ
	Landfilling Other disposal entions	t			365.70 0.00	365.7 0	
	Other disposal options Non-Hazardous Waste	<del>i</del>		153.73	5119.90	4966.17	3230%
	Incineration	t			141.81	141.81	
	Landfilling	t			4888.99	4888.99	
	Other disposal options Other Waste	t		26.89	89.10 652.44	89.1 625.55	2326%
	Incineration	t		20.09	18.11	18.11	2320%
	Landfilling	t			634.26	634.26	
	Other disposal options	t			0.07	0.07	
306	Fly Ash Produced Fly ash Utilised	Mn t %	672.00 76%	703.69 79.42%	831.88 81.67%	128.19 0.0225	18% 3%
EU-3	CUSTOMERS	70	7070		01.07%	0.0223	370
	Customer satisfaction						
102-43; 102-44	Regulated market	o/	0.04	0.04	0.07	0.015	20/
	Customer Satisfaction Index Frequency of surveys	% number	0.96 1.00	0.96 1.00	0.97 1.00	0.015 0	2% 0%
	Workforce by level and gender (permanent only)					-	
	Board of Directors and KMP	number	14	10	6	-4	-40%
	of whom men	number %	14 100%	10 100%	100%	-4 0%	-40% 0%
	of whom women	number	0	0	0	0	0%
		%	0%	0%	0%	0%	0%
	Top/ Senior management	number		510	49	-461	-90%
	of whom men	number %		497 97%	43 88%	-454 -10%	-91% -10%
	of whom women	number		13	1	-10%	-92%
		%		3%	2%	-1%	-20%
	Middle management	number		3880	4250	370	10%
	of whom men	number %		3695 95%	4047 95%	352 0%	10% 0%
	of whom women	number	<u> </u>	185	203	18	10%
		%		5%	5%	0%	0%
	Lower/Junior management	number		9114 8411	8766	-348 -335	-4% -4%
	of whom men	number %		92%	8076 92%	-335	-4%
	of whom women	number		703	690	-13	-2%
		%		8%	8%	0%	2%
	Workmen	number	6722	8427	7700	-727 -704	-9% -9%
	of whom men	number %	6260 93%	7665 91%	6961 90%	-704	-1%
405-1	of whom women	number	462	762	739	-23	-3%
		%	7%	9%	10%	1%	6%
	Total	number	19165	21941	20771	-1170	-5%
	Workforce by age range and level (permanent only)						
	< 30	%		8%	10%	0	27%
	Board of Directors and KMP	number		0	0	0	0%
	Top/ Senior management Middle management	number number		0	0	0	0% 0%
	Lower/Junior management	number		877	1141	264	30%
	Workmen	number		785	861	76	10%
	30-50 Board of Directors and KMP	% number		<b>47%</b> 0	<b>48%</b>	0	<b>2%</b> 0%
	Top/ Senior management	number		2	0	-2	-100%
	Middle management	number		1985	2089	104	5%
	Lower/Junior management Workmen	number		5448 2845	5202 2604	-246 -241	-5% -8%
	>50	number %		46%	43%	0	-6%
	Board of Directors and KMP	number		10	6	-4	-40%
	Top/ Senior management	number		508	49	-459	-90%
	Middle management  Lower/Junior management	number number		1895 2789	2161 2423	266 -366	14% -13%
	Workmen	number		4797	4235	-562	-12%
	Total	number	19165	21941	20771	-1170	-5%
	Workforce by type of contract and gender Permanent Employee	<b></b>	12443	13514	13071	-443	-3%
	of whom men	number	12443 11650	13514 12613	130/1 12177	-443 -436	-3%
	of whom women	number	793	901	894	-7	-1%
	Permanent Workers	number	6722	8427	7700	-727	<b>-9%</b> -9%
	of whom men of whom women	number number	6260 462	7665 762	6961 739	-704 -23	-9% -3%
	Total NTPC Group Permanent Employees	number	19165	21941	20771	-1170	-5%
102-8	of whom men	number	17910	20278	19138	-1140	-6%
	of whom women Workforce by type of contract and gender	number	1255	1663	1633	-30	-2%
	Other than Permanent Employee (Fixed Term)	number			1041	1041	0%
	of whom men	number	<u> </u>		911	911	0%
	of whom women	number	005		130	130	0%
	Other than Permanent workers of whom men	number number	<b>99506</b> 99506	<b>97442</b> 97442	<b>106662</b> 106662	<b>9220</b> 9220	<b>9%</b> 9%
	of whom women	number	99506	0	0	0	0%
	CHANGES TO SIZE						
	New hires	number	167	266	945	679	3
	Workforce by level and gender  Board of Directors and KMP	number		0	2	2	100%
	of whom men	number		0	1	1	100%
		%		0%	0%	0	100%
	of whom women	number «		0	1	1	100%
	Top/ Senior management	% number		0% 0	0	0	0% 0%
	of whom men	number	<u> </u>	0	0	0	0%
		%		0%	0%	0	0%
	of whom women	number		0	0	0	0%
	Middle management	% number		0% 0	0%	0	0% 0%
	of whom men	number	<u> </u>	0	0	0	0%
		%		0%	0	0	0%
	of whom women	number		0	0	0	0%

GRI/EUSS	KPI	Unit	2020	2021	2022	Change(2022-2021)	% change
		%		0%	0%	0	0%
	Lower/Junior management	number		252	724	472	65%
	of whom men	number		217	645	428	66%
	of whom women	% number		82% 35	68% 79	0 44	-20% 56%
	or whom women	%		13%	8%	0	-57%
	Fixed Term Employees (Other than permanent)	number			96		0%
	of whom men	number		007	73		0%
	of whom women	% number		0%	8% 23		0% 0%
	or within worten	%		0%	2%		0%
	Workmen (Permanent)	number		14	123	109	89%
	of whom men	number %		11 4%	119 13%	108 0	91% 67%
	of whom women	number		3	4	1	25%
		%		1%	0%	0	0%
			,				
	Workforce by age range and level (permanent only) < 30	number		1662	2973	1311	44%
	Board of Directors and KMP	number		0	0	0	0%
	Top/ Senior management	number		0	0	0	0%
	Middle management	number		0 877	0 1141	0 264	0% 23%
	Lower/Junior management Fixed Term Employees	number number		0//	971	971	100%
	Workmen (Permanent)	number		785	861	76	9%
	30-50	number		10280	9963	-317	-3%
	Board of Directors and KMP Top/ Senior management	number number		2	0	0 -2	0% 0%
	Middle management	number		1985	2089	104	5%
	Lower/Junior management	number		5448	5202	-246	-5%
	Fixed Term Employees Workman (Permanent)	number		3046	68	68 -241	100%
	Workmen (Permanent) >50	number number		2845 <b>10009</b>	2604 <b>8876</b>	-241 -1133	-9% -13%
	Board of Directors and KMP	number	14	10	6	-4	-67%
	Top/ Senior management	number		518	44	-474	-1077%
	Middle management Lower/Junior management	number number		1895 2789	2161 2428	266 -361	12% -15%
	Fixed Term Employees	number		2707	2	2	100%
	Workmen (Permanent)	number		4797	4235	-562	-13%
401-1					4704		
	Total Turnover (Voluntary + Involuntary) Workforce by level and gender	number			1704		
	Board of Directors and KMP	number			2		
	of whom men	number			1		
	of whom women	%			0% 1		
	of whom women	number %			0%		
	Top/ Senior management	number			22		
	of whom men	number			22		
	of whom women	% number			1% 0		
	S. Milon Horizon	%			0%		
	Middle management	number			434		
	of whom men	number %			425 25%		
	of whom women	number			9		
		%			1%		
	Lower/Junior management	number			534 494		
	of whom men	number %			29%		
	of whom women	number			40		
	5. 17. 5. 1. (01. 11. 1)	%			2%		
	Fixed Term Employees (Other than permanent) of whom men	number number			21 16		
	or whom men	%			1%		
	of whom women	number			5		
	Workmen (Permanent)	% number			0% 693		
	of whom men	number			666	<del>                                     </del>	
		%			39%		
	of whom women	number %			27 2%	ļ	
		%			Z76	1	
	Turnover						
	Total employee turnover rate (%)  Permanent Employees	%	0.82%		8.10% 7.57%		
	Permanent Employees of whom men	%			7.57% 7.73%		
	of whom women	%			5.48%		
	Permanent Workers	%			9.00%		
	of whom men of whom women	%			10.00% 4.00%	<b> </b>	
	Voluntary employee turnover rate (%)	%	0.82%	0.37%	7.01%		
	Permanent Employees	%		0.37%	6.73%		
	of whom men	%		0.33%	6.87%		
	of whom women Permanent Workers	%		1.00% 0.38%	4.81% 7.00%	<b> </b>	
	of whom men	%		0.39%	8.00%		
	of whom women	%		0.26%	3.00%		
	Involuntary employee turnover rate (%)	%	0.03%		0.03%		<del></del>
	Permanent Employees of whom men	%			0.04%	<b> </b>	
	of whom women	% %			0.00%		
	Permanent Workers	%			0.00%		
	of whom men	%			0.00%		
	of whom women Employee Appraisal	%			0.00%		
	Performance and Career development reveiws						
	Board of Directors and KMP	number	14	10	6	-4	-67%

GRI/EUSS	крі	Unit	2020	2021	2022	Change(2022-2021)	% change
	of whom men	number %	14 100%	10 100%	6 100%	-4 0	-67% 0%
	of whom women	number	0	0	0	0	0%
	Top/ Senior management	% number	100%	100% 510	100% 49	0 -461	0% -941%
	of whom men	number		497	43	-454	-1056%
		%	100%	100%	100%	0	0%
	of whom women	number %	100%	13 100%	1 100%	-12 0	-1200% 0%
	Middle management	number		3880	4250	370	9%
404-3	of whom men	number %	100%	3695 100%	4047 100%	352 0	9% 0%
	of whom women	number	10076	185	203	18	9%
		%	100%	100%	100%	0	0%
	Lower/Junior management of whom men	number number		9114 8411	8766 8076	-348 -335	-4% -4%
		%	100%	100%	100%	0	0%
	of whom women	number %	100%	703 100%	690 100%	-13 0	-2% 0%
	Workmen	number	6722	8427	7700	-727	-9%
	of whom men	number	6260	7665	6961	-704	-10%
	of whom women	% number	100% 462	100% 762	100% 739	-23	-3%
		%	100%	100%	100%	0	0%
	Training  Tetal hours (Pu conder and Emp cotogon)						
	Total hours (By gender and Emp category)  Board of Directors and KMP	Number			9		
	of whom men	Number			7		
	of whom women	Man-hours Number			84 2	<del> </del>	
		Man-hours			60		
	Top/ Senior management	Number		514	30	470	15720/
	of whom men	Number Man-hours		502 15276	30 978	-472 -14298	-1573% -1462%
	of whom women	Number		12	0	-12	0%
	Middle management	Man-hours Number		228 3111	0 3806	-228	0%
	of whom men	Number		3038	3632	594	16%
		Man-hours		110424	199254	88830	45%
	of whom women	Number Man-hours		73 2664	174 9678	101 7014	58% 72%
	Lower/Junior management	Number		7093	7481	7011	7270
	of whom men	Number		6469	6891	422	6%
	of whom women	Man-hours Number		188964 624	446964 590	258000 -34	58% -6%
		Man-hours		18672	28554	9882	35%
	Fixed Term Employees (Other than permanent) of whom men	Number Number			511 397		
	or whom then	Man-hours			64410		
	of whom women	Number			114		
	Workmen (Permanent)	Man-hours Number		3248	27000 5352		
	of whom men	Number		2936	4954	2018	41%
	of whom women	Man-hours Number		29868 312	110088 398	80220 86	73% 22%
	or whom women	Man-hours		3756	9342	5586	60%
	Total Training imparted	Man-hours	683370	369852	896412	526560	59%
404-1	of whom men of whom women	Man-hours Man-hours	641052 42318	344532 25320	821778 74634	477246 49314	58% 66%
	Average training hours per employee	Man-hours/ emp	40	26	52	26	49%
	of whom men						
	of whom women	Man-hours/ emp Man-hours/ emp	40 39	27 25	52	25	48%
	of whom women Dissemination of sustainability	Man-hours/ emp Man-hours/ emp	40 39	27 25			
	Dissemination of sustainability Training on aspects (only permanent employees)	Man-hours/ emp		25	52 58	25	48%
	Dissemination of sustainability				52	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation	Man-hours/ emp  number number %		25	52 58 1411 1312 7%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men	Man-hours/ emp  number number % Man-hours		25	52 58 1411 1312 7% 15107	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation	Man-hours/ emp  number number % Man-hours number		25	52 58 1411 1312 7% 15107 99 6%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women	number number % Man-hours number % Man-hours number % Man-hours		25 15317	52 58 1411 1312 7% 15107 99 6% 1293	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men	Man-hours/ emp  number number % Man-hours number		25	52 58 1411 1312 7% 15107 99 6%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment	Man-hours/emp  number number % Man-hours number % Man-hours number number number		25 15317	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom men	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours		25 15317	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment	Man-hours/emp  number number % Man-hours number % Man-hours number number number		25 15317	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom men	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours number % Man-hours		25 15317 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  of whom men  Supply Chain	Man-hours/emp  number number % Man-hours number % Man-hours number number number % Man-hours number number % Man-hours number number number		25 15317	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom men	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours number number number % Man-hours number number %		25 15317 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 6162 7 7 7 7	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  of whom men  Supply Chain of whom men	Man-hours/emp  number number % Man-hours number % Man-hours number number number number number % Man-hours number number number % Man-hours number % Man-hours number number number number		25 15317 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  of whom men  Supply Chain	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours number number % Man-hours number % Man-hours number %		25 15317 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 0% 61 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom men  Supply Chain of whom men	number number % Man-hours number % Man-hours number number number number number number number number % Man-hours number number % Man-hours number number number number number number number number % Man-hours number number % Man-hours number number % Man-hours		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 0% 610 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  Supply Chain of whom men  of whom women  Supply Chain of whom men  of whom women	number number number % Man-hours number % Man-hours number number number number % Man-hours number number % Man-hours number % Man-hours number		25 15317 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 7 0% 61 0 0 0%	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom men  Supply Chain of whom men	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours number % Man-hours number number number % Man-hours number number number number number number % Man-hours number number % Man-hours number number % Man-hours number % Man-hours number % Man-hours number % Man-hours number		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 0% 61 0 0 0 0 0 0 0 0 0 0 0 0 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  Supply Chain of whom men  of whom men  Code of Ethics of whom men	Man-hours/emp  number number % Man-hours number % Man-hours number number number % Man-hours number % Man-hours number % Man-hours number number number number number number number number % Man-hours number number % Man-hours number % Man-hours number number % Man-hours number % Man-hours		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 61162 0 0 0% 0 0 0 7 7 7 7 9 61 0 0 61 61 61 61 61 61 61 61 61 61	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  Environment of whom men  Supply Chain of whom men  of whom women  Supply Chain of whom men  of whom women	Man-hours/ emp  number number % Man-hours number % Man-hours number number number % Man-hours number % Man-hours number number number % Man-hours number number number number number number % Man-hours number number % Man-hours number number % Man-hours number % Man-hours number % Man-hours number % Man-hours number		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 0% 61 0 0 0 0 0 0 0 0 0 0 0 0 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  f whom women  Environment of whom women  Supply Chain of whom men  of whom women  Code of Ethics of whom men	Man-hours/emp  number number % Man-hours number % Man-hours number number number % Man-hours number number % Man-hours number number % Man-hours number number number % Man-hours number number % Man-hours number number % Man-hours number number number number % Man-hours number number number number		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 7 7 0% 618 7 7 0% 610 0 0 0 0 0 0 0 0 0 0 0 0 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom women  Supply Chain of whom women  Code of Ethics of whom women  of whom women	Man-hours/emp  number number % Man-hours number % Man-hours number number number % Man-hours number number % Man-hours number number % Man-hours number number number number % Man-hours number number % Man-hours		25 15317 941 1693	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 61 0 0% 61 0 0 0 7 7 7 0% 61 0 0% 61 0 0 8 61 61 61 61 61 61 61 61 61 61	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  f whom women  Environment of whom women  Supply Chain of whom men  of whom women  Code of Ethics of whom men	Man-hours/ emp  number number % Man-hours number % Man-hours number number % Man-hours number % Man-hours number % Man-hours number		25 15317 941 941	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 618 7 7 7 0% 61 0 0 0 0 0 0 0 0 0 0 0 0 0	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom women  Supply Chain of whom men  of whom women  Code of Ethics of whom women  of whom women  Training on Human Rights Permanent Employee	Man-hours/emp  number number % Man-hours number % Man-hours number number % Man-hours number number % Man-hours number % Man-hours number number number number number number % Man-hours number number % Man-hours number % Man-hours number % Man-hours		25 15317 941 1693 1693 1000	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 3% 61 0 0% 61 0 0 0 7 7 7 7 64 67 9 48 68 61 81 82 83 84 85 85 85 85 85 85 85 85 85 85	25	48%
	Dissemination of sustainability Training on aspects (only permanent employees) Skill Upgradation of whom men  of whom women  Environment of whom women  Supply Chain of whom women  Code of Ethics of whom women  of whom women	Man-hours/emp  number number % Man-hours number % Man-hours number number % Man-hours number number % Man-hours number % Man-hours number number number number number % Man-hours number number % Man-hours number number % Man-hours number number number number number number % Man-hours number number % Man-hours number number % Man-hours number % Man-hours number % Man-hours number % Man-hours		25 15317 941 1693 1000	52 58 1411 1312 7% 15107 99 6% 1293 549 492 3% 6162 57 7 7 0% 618 7 7 0% 610 0 0 0 0 0 0 0 8 5 6 8 6 8 7 7 9 8 6 8 6 8 6 8 6 8 6 8 7 7 9 8 8 8 8 8 8 8 8 8 8 8 8 8	25	48%

GRI/EUSS	КРІ	Unit	2020	2021	2022	Change(2022-2021)	% change
	Other than Permanent Employee (Fixed Term)	number %			35 3%		
		Man-hours			246		
	Other than Permanent workers	number %					
		Man-hours					
	Training on Health and Safety NTPC Employee	number	17822	12190	11789	-401	-3%
	WIFE Employee	%	93%	56%	57%	0	2%
403-5		Man-hours	119496	101595	68769	-32826	-48%
	Contractual Workers	number %	110685 111%	173971 179%	214097 201%	40126 0	19% 11%
		Man-hours	919529	1195080	1297459	102379	8%
	MATERNITY/PATERNITY-PARENTAL LEAVE Employees entitled to parental leave by gender						
	men	number	17910	20278	19138	-1140	-6%
	women Parental leave by gender	number	1255	1663	1633	-30	-2%
	men	number	757	664	644	-20	-3%
401-3	women	number	76	164	130	-34	-26%
	Return to work rate of employees that took parental leave by gender men	%	100	100	100	0	0%
	women	%	100	100	100	0	0%
	Retention rate by gender men	%	100	100	100	0	0%
	women	%	100	100	100	0	0%
	Ratio of basic salary/remuneration Women/Men	0/					
	Ratio of basic salary Women/Men Board of Directors and KMP	% %	100	100	100	0	0%
	Top/ Senior management	%	100	100	100	0	0%
	Middle management Lower/Junior management	%	100 100	100 100	100 100	0	0%
405-2	Workmen	%	100	100	100	0	0%
	Ratio of remuneration Women/Men	%	100	100	100		00/
	Board of Directors and KMP Top/ Senior management	%	100 100	100 100	100 100	0	0%
	Middle management	%	100	100	100	0	0%
	Lower/Junior management Workmen	%	100 100	100 100	100 100	0	0%
	Workmen Diversity of governance bodies and	%	100	100	100	U	0%
	employees						
	Specially Abled Employees Board of Directors and KMP	number		0	0		
	of whom men	number		0	0		
	of whom women	%		0%	0%		
	of whom women	number %		0	0		
	Top/ Senior management	number		0	0		
	of whom men	number %		0	0		
	of whom women	number		0	0		
		%		0%	0%		
	Middle management of whom men	number number		23	29 28	6	21%
		%			0.69%		
	of whom women	number %			1 0%		
	Lower/Junior management	number		173	160	-13	-8%
	of whom men	number			145		
	of whom women	% number			2% 15		
		%			2%		
	Workmen of whom men	number number		384	364 314	-20	-5%
	of wholithen	%			5%		
	of whom women	number			50		
	Fixed Term Employees	% number			7% 4		
	of whom men	number			4		
	of whom women	% number			0%		
40E 1	of whom women	%			0%		
405-1	Total	number	498	580	557	-23	-4%
	Reseved Group (OBC/SC/ST Employees)  Board of Directors and KMP	number					
	of whom men	number		0	0		
	of whom women	% number		0% 0	0%	1	
		%		0%	0%		
	Top/ Senior management	number		51	4	-47	-1175%
	of whom men	number %		<del>                                     </del>	4 100%	+	0% 0%
	of whom women	number			0		
	Middle management	% number		1214	0% 1340	126	9%
	princip management	number number		1214	1281	120	9% 0%
	of whom men				32%		0%
	of whom men	%					0%
		% number			59 29%		
	of whom men of whom women Lower/Junior management	%		4365	29% 4135	-230	0% -6%
	of whom women	% number % number number		4365	29% 4135 3840	-230	0% -6% 0%
	of whom men  of whom women  Lower/Junior management of whom men	% number % number number		4365	29% 4135 3840 48%	-230	0% -6% 0% 0%
	of whom men  of whom women  Lower/Junior management  of whom men  of whom women	% number % number number number % number % % number %			29% 4135 3840 48% 295 43%		0% -6% 0% 0% 0%
	of whom men  of whom women  Lower/Junior management of whom men  of whom women  Workmen	% number % number number % number % number		4365	29% 4135 3840 48% 295 43% 3897	-230	0% -6% 0% 0% 0% 0% -5%
	of whom men  of whom women  Lower/Junior management  of whom men  of whom women	% number % number number number % number % % number %			29% 4135 3840 48% 295 43%		0% -6% 0% 0% 0%

GRI/EUSS	KPI	Unit	2020	2021	2022	Change(2022-2021)	% change
	Fixed Term Employees	number			543		0%
	of whom men	number			494		0%
		%			54%		0%
	of whom women	number			49		0%
		%			38%		0%
	Total	number	8816	9718	9919	201	2%
	INITIATIVES IN FAVOR OF THE COMMUNITY						
203-1	Contributions to communities						
	Total (expense + investments)	Rs. cr.	304.92	461.96	418.87	-43.09	-10%
	NATURE OF SUPPLIERS						
	Supplier Base	number	17364	16373	17372	999	6%
400.0	Domestic	number	17256	12516	13455	939	7%
102-8	Foreign	number	108	3857	3917	60	2%
	New suppliers enlisted	number	378	1060	3070	2010	65%
	Workforce of contracting and subcontracting companies	number	99506	97442	106662	9220	9%
	Local suppliers of materials and services						
	Spending on local suppliers	Rs.cr.	4895	34378	5958	-28420.35	-83%
	Spending on foreign suppliers	Rs.cr.	109	434	103	-330.78	-76%
	Concentration of spending on local suppliers	%	98%	99%	98%	0%	0%
204-1	Concentration of spending on foreign suppliers	%	2%	1%	2%	0%	37%
	MSE Procurement	%	46%	51%	43%	-8%	-15%
	Procurement from Marginalised Group (SC/ST)	%	0.42%	0.22%	0.32%	0%	45%
	Procurement from Women	%	0.18%	0.39%	0.63%	0%	62%
	SAFETY	70	0.10%	0.0770	0.0070	0.0	0270
	Employees						
	Number of fatalities and frequency rate					+	
	Number of fatalities	number	5	1	1	0	0%
	Fatalities frequency rate	(i)	0.10	0.02	0.02	0	-1%
	Number of "high-consequence" injuries (excluding fatalities) and frequency	(1)	0.10	0.02	0.02		-170
	rate						
	Number of "high-consequence" injuries	number	0	0	0	0	0%
	"High-consequence" injuries frequency rate	(i)	0.00	0.00	0.00	0	0%
	Other injuries and frequency rate		0.00	0.00	0.00		0,0
	No. of Lost Time Injury	number	5	5	4	-1	-20%
	Lost Time Injury Frequency Rate (LTIFR)	(i)	0.10	0.11	0.08	0	-21%
403-9	No. of Recordable work-related injury or ill health	number	57	37	3	-34	-92%
.55-7	Recordable Injury Rate	(i)	1.29	0.90	0.15	-1	-84%
	Contractor Workers	(1)	1.47	0.70	0.15	+ '-+	-0470
	Number of fatalities and frequency rate			i i		0	
	Number of fatalities	number	18	6	4	-2	-33%
	Fatalities frequency rate	(i)	0.08	0.02	0.02	-0.01	-39%
	Number of "high-consequence" injuries (excluding fatalities) and frequency	(1)	0.00	0.02	0.02	-0.01	-37/0
	rate			l			
	Number of "high-consequence" injuries	number	0	0	1	1	
	"High-consequence" injuries frequency rate	(i)	0.00	0.00	0.00	0.00	
	Other injuries and frequency rate	(1)	0.00	0.00	0.00	0.00	
	No. of Lost Time Injury	number	85	27	22	-5	-19%
	Lost Time Injury Frequency Rate (LTIFR)	(i)	0.37	0.11	0.08	-0.03	-26%
	Innovation & R&D	(1)	0.57	0.11	0.00	-0.03	-2078
	Patents Granted	number	19.00	22	28	6.00	27%
CII/ DDCD 2 1	Copyrights Granted	number	7	9	10	1.00	11%
1A EU/ BRSR 2.1	copyrights drained	Humber	,	9	IU	1.00	
	R&D Exp	Rs. Cr	183.33	185.78	222.48	36.70	20%