The Brighter Plan 2032

		KPIs	Base	Target	Remarks	Target	Remarks	Annual Update	
			2012	2022		2032		FY 2019-20	FY 2020-21
1. Decarbonisation & Air Emissions Control	1.(a) Decarbonisation	**1.** Specific CO2 emission (gm/ kwh)	860.93	836.77	-3%	713.74	-17%	869.90	840.26
		a. Total Emission(MMT)	206.87	315.39	Includes all sources Coal, Gas, RE, Hydro	373.62	Includes all sources Coal, Gas, RE, Hydro	252.44	263.90
		b. Gross Generation (BU)	240.31	376.91		523.47		290.19	314.07
		c. Total Capacity (GW)	37	76.7		128		62.11	65.81
		2. Net Energy Intensity (MJ/kWheq)	10.56	10.31	-2%	9.29	-12%	10.58	10.11
		3. Non-Fossil based generation Capacity (%)		7.363 GW	10.00%	37 GW	30%	7.24%	7.71%
		4. Share of super/ ultra-super critical technologies out of total coal capacity (%)		23.98	38%	45.7	54%	21.54%	27.99%
			2012	2022	Remarks (Reduction)	2032	Remarks (Reduction)	FY 2019-20	FY 2020-21
	1.(b) Air Emissions	**5.** Specific SO_2 emissions (gm/ kwh)*	3.37	0.95	72%	0.700	79%	4.41	4.94
		a. Total SO_2 emissions (MT)	810287	357953		366425		1279366	1552253.67
		6. Specific NOx emissions (gm/ kwh)	1.98	1.400	29%	1.000	50%	2.11	1.93
		a. Total NOx emissions (MT)	476223	527509		371000		612983	605812.20
		7. Specific PM emissions (gm/ kwh)	0.46	0.250	45%	0.180	61%	0.31	0.28
		a. Total PM emissions (MT)	109544	94198		66780		89247	88431.33
			2012	2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
2. Water and Biodiversity Conservation	2.(a) Water	**8.** Specific water consumption (l/kwh)	3.81	2.9	-24%	2.5	-34%	2.93	2.90
		a. Fresh Water Withdrawal (MCM)	626.39	1093.0		1308.675		849.4	910.22
		b. Gross Generation (BU)	164.31	376.91		523.47		290	314.07
		c. Total Capacity (GW)	25.99	76.7		128		62.11	65.81
		10. Waste Water Recycling (% of locations)		100%		100%			100.00%
		11. Increase in fresh water availability through sustainable measures (MCM)	0.17	20%	Water availability through Rain water harvesting & SD projects t	70%		0.19	12.182
				2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
	2.(b) Biodiversi	**12.** Wildlife/ Biodiversity conservation/ protection projects (No.)		15		25		10	14
		13. Tree plantation (No.)		37 Million tress		47 Million tress		35 Million tress	36 Million tress
			2012	2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
3. Health and Safety		**14.** Fatality (No.)	15	0		0		18	7
		15. Frequency Rate (No.)	0.34	0.18	-47%	0.12	-65%	0.302	0.108
		16. Occupational disease rate	0	0		0		0	0
		17. Employee Sickness Absence Rate (No. of days/ employee/ year)		below 8		below 2			4
			2012	2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
4. Circular Economy		**18.** Ash utilisation (%)	55.01%	100%		100%		76%	79.38%
		19. Recycling of Waste (%)		100%	waste to be recycled/disposed	100%	waste to be recycled/disposed		100%
		20. Biomass Co-firing (MT)		10,000 Tonnes		1 Million Tonnes		6500	24600
				2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
5. Community Development		**21.** Number of cumulative beneficiaries (no.)		8 million		18 million		6 million	7 Million
				2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
6. Strong Finance & Ethics		**22.** Market Share (%)		**23%**		**25%**		**22%**	**25.62%**
		23. Revenue from other Business Streams (Non-fossil based business (%)		15%	Important as how business is saved from climate change risks	25%		7.95%	13%
		24. Adverse Cases of Business Ethics (No.)		0		0		45	27
				2022	Remarks	2032	Remarks	FY 2019-20	FY 2020-21
7. Sustainable Supply Chain		**25.** Critical Suppliers Audited for ESG (%)		5% of vulnerable suppliers		30% of vulnerable suppliers		0	30
		a. No. of critical suppliers							
		26. Capacity Building programmes (No. of beneficiaries)		100 Suppliers		1000 Suppliers		0	104