

## The Brighter Plan 2032

	KPIs	Base Value		Target Value		Target %	
		2012	2022	2022	2032	2022	2032
1. Decarbonisation & Air Emissions Control	1. CO2 emission intensity reduction (gm/ kwh)	860.93	836.77	-3%	713.74	-17%	
	a. Total Emission(MMT)	206.87	315.39	Includes all sources Coal, Gas, RE, Hydro	373.62	Includes all sources Coal, Gas, RE, Hydro	
	b. Gross Generation (BU)	240.31	376.91		523.47		
	c. Total Capacity (GW)	37	76.7		128		
2. Energy Intensity (MJ/kWh)	10.56	10.35	-2.00%	9.50	-10%		
	3. Non-fossil fuel based capacity (% of total capacity)		12 GW	15%	39 GW	30%	
	4. Share of super/ ultra-super critical technologies out of total coal capacity (%)		23.98	38%	45.7	54%	
1. (b) Air Emissions	5. Reduction of Specific SO <sub>2</sub> emissions (gm/ kwh)	3.37	0.95	-72%	0.700	-79%	
	a. Total SO <sub>2</sub> emissions (MT)	810287	357953		366425		
	6. Reduction of Specific NO <sub>x</sub> emissions (gm/ kwh)	1.98	1.400	-29%	1.000	-50%	
	a. Total NO <sub>x</sub> emissions (MT)	476223	527509		371000		
	7. Reducton of Specific PM emissions (gm/ kwh)	0.46	0.250	-45%	0.180	-61%	
	a. Total PM emissions (MT)	109544	94198		66780		

	KPIs	2012		2022		2032	
2. Water and Biodiversity Conservation	8. Reduction of Specific water consumption (l/kwh)	3.81	2.9	-24%	2.5	-34%	
	a. Fresh Water Withdrawal (MCM)	626.39	1093.0		1308.675		
	b. Gross Generation (BU)	164.31	376.91		523.47		
	c. Total Capacity (GW)	25.99	76.7		128		
	9. Waste Water Recycling (% of locations)		100%		100%		
	10. Increase in fresh water availability* (MCM)	0.8	0.96	20%	1.36	70%	
2. (b) Biodiversity	11. Biodiversity projects (No.)		15		25		
	12. Tree plantation (No.in millions)		37		47		

	KPIs	2012		2022		2032	
3. Health and Safety	13. Fatality (No.)	15	0		0		
	14. Frequency Rate (No.)	0.34	0.18	-47%	0.12	-65%	
	15. Occupational disease rate (No.)	0	0		0		
	16. Employee Sickness Absence Rate (No. of days/ employee/ year)		<8		<2		

	KPIs	2012		2022		2032	
4. Circular Economy	17. Ash utilisation (%)	55.01%	100%		100%		
	18. Recycling of Waste (%)		100%		100%		
	19. Biomass Co-firing (MT)		10,000		1000000		

	KPIs	2022		2032	
5. Community Development	20. Number of cumulative beneficiaries (no. in Millions)	> 8	> 18		

	KPIs	2022		2032	
6. Strong Finance & Ethics	21. Market Share (%)	23%	25%		
	22. Adverse Cases of Business Ethics (No.)	0	0		

	KPIs	2022		2032	
7. Sustainable Supply Chain	23. ESG assessment (% of total suppliers)	5%	30%		
	a. No. of critical suppliers				
	24. ESG Capacity Building programmes Cum(No.)	100	1000		

\*Includes 99% of SCOPE 1 & SCOPE 2 Emissions

\*\* Base year of 2018