5. Has the entity implemented a mechanism for Zero Liquid Discharge? If yes, provide details of its coverage and implementation.

We have a proactive approach towards judicious water consumption. We ensure treatment of all effluents before discharge. Some of the initiatives that we have taken to minimise our freshwater consumption are as follows:

- AESL is a water positive organisation with our total water recharge exceeding the water consumption
- A-DTPS (Adani Dahanu Thermal Power Station) which accounts for 99% of Water withdrawal is certified with ISO 46001 Water Efficiency Management System.
- The domestic effluent generated in the thermal power plant is treated in neutralization pit established and disposed of as per Maharashtra Pollution Control Board (MPCB) consent to operate guidelines.
- In all our operating locations, water treated is used for gardening purposes ensuring ZERO liquid discharge outside the plant boundary.

6. Please provide details of air emissions (other than GHG emissions) by the entity, in the following format:

Parameter	UoM	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
NOx	MT	1,769.5	3,742.7
SOx	MT	1,607.3	3,088.7
Particulate matter (PM)	MT	280	539.7
Persistent organic pollutants (POP)		Not applicable	Not applicable
Volatile organic compounds (VOC)		Not applicable	Not applicable
Hazardous air pollutants (HAP)		Not applicable	Not applicable
Others – Mercury (Hg)	MT	0.01445	0.02720

Drastic reduction due to divestment of ADTPS w.e.f. September 26, 2024.

Note: The air emission sources (stacks, chimneys etc.) are monitored on a defined frequency by an approved [NABL accredited] laboratory/agency as mandated by the Central and or Maharashtra State Pollution Control Boards. The details of air emissions are being submitted to MPCB periodically.

Please note Flue-gas desulfurisation (FGD) unit is operational and stack monitoring data is available over continuous emission monitoring system [CEMS], assessable by MPCB on a real time basis.

Note: Independent assurance has been carried out by an M/s. TUV India Pvt. Ltd. an external agency.

7. Provide details of greenhouse gas emissions (Scope 1 and Scope 2 emissions) & its intensity, in the following format:

Parameter	UoM	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Total Scope 1 emissions	**Mt of CO_2e**	**13,40,619**	**2,663,319**
Scope 1 - CO_2 emission	Mt of CO_2	13,39,013.93	26,62,631.80
Scope 1 - CH_4 emission	Mt of CH_4	144.91	288.23
Scope 1 - N_2O emission	Mt of N_2O	20.62	3,78,997.96
Scope 1 - HFC emission	Mt of HFC	0.00	0.00
Scope 1 - PFC emission	Mt of PFC	0.00	0.00
Scope 1 – SF_6 emission	Mt of SF_6	0.00	0.00
Scope 1 – NF_3 emission	Mt of NF_3	0.00	0.00
Total Scope 2 emissions	**Mt of CO_2**	**4,20,669**	**4,26,436**
Scope 2 - CO_2 emission	Mt of CO_2	4,20,669	4,26,436
Scope 2 - CH_4 emission	Mt of CH_4	0	0
Scope 2 - N_2O emission	Mt of N_2O	0	0
Scope 2 - HFC emission	Mt of HFC	0	0
Scope 2 - PFC emission	Mt of PFC	0	0

Parameter	UoM	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Scope 2 – SF_6 emission	Mt of SF_6	0	0
Scope 2 – NF_3 emission	Mt of NF_3	0	0
Total Scope 1 and Scope 2 emission intensity per rupee of turnover	$\frac{\text{Mt of } CO_2e}{₹}$	0.0000072046	0.0000179446
Total Scope 1 and Scope 2 emission intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP)	$\frac{\text{Mt of } CO_2e}{\text{PPP USD}}$	0.000852553	0.001496669
Total Scope 1 and Scope 2 emission intensity	$\frac{\text{Mt of } CO_2e}{\text{MWh sold}}$	0.1667009792	0.3115929252

Purchasing Power Parity (PPP) rate of ₹ 22.794/ Int USD [2024] and as on March 31, 2024 - FX rate of ₹ 83.405/ USD, and as on March 31, 2025 - FX rate of ₹ 85.450/USD considered for above calculations.

Note: Independent assurance has been carried out by an M/s. TUV India Pvt. Ltd. an external agency.

Drastic reduction is due to the Divestment of Adani Dahanu Thermal power Station w.e.f. September 26, 2024.

8. Does the entity have any project related to reducing Green House Gas emission? If yes, then provide details.

YES. This includes investments in improvement measures and operational efficiency technology for Station Heat Rate and Solar installations within premises for Auxiliary Power Consumption. To reduce GHG emissions further we had carved out & divested our sole Dahanu Thermal Power plant asset w.e.f. September 26, 2024 much ahead of the target of 2030 and hence, ramping up renewables and other forms of clean energy under long term power purchase agreements in line with our aspirational goal of Net ZERO by 2050. We have also set interim targets aligned to 1.5 deg C scenario. The Company became 1st Electric Utility from India to join The International Renewable Energy Agency IRENA's Utilities for Net Zero Alliance [UNEZA].

9. Provide details related to waste management by the entity, in the following format:

Parameter	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Total Waste generated (in metric tonnes)		
Plastic waste (A)	**31.25**	**36.98**
E-waste (B)	**366.23**	**246.37**
Bio-medical waste (C)	**0.09**	**0.11**
Construction and demolition waste (D)	**0.19**	**0.72**
Battery waste (E)	**472.92**	**30.03**
Radioactive waste (F)	**0.00**	**0.00**
Other Hazardous waste (G)		
g1 Containers / Barrels / Drums	15.21	3.282
g2 Ferrous	64.75	0.0
g3 Misc Waste	66.11	1.100
g4 Non-Ferrous waste	1.82	0.0
g5 Oil-Soaked Solid Waste	2.67	3.486
g6 Organic Waste	0.00	12.910
g7 Used / Spent Oil	39.97	15.345
g8 Wooden Scrap	0.00	0.058
Total (other) Hazardous Waste (G)	**190.53**	**36.181**
Other Non-hazardous waste (H) (in metric tonnes)		
h1 Containers / Barrels / Drums	425.48	1.666
h2 Ferrous scrap	938.13	153.928