3. Provide details of the following disclosures related to water, in the following format:

Parameter	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Water withdrawal by source (in kilolitres)		
(i) Surface water	9,48,202	21,12,006.45
(ii) Groundwater	71,479	76,072.46
(iii) Third party water	1,116	2,363.53
(iv) Seawater / desalinated water	25,64,75,642	47,40,26,458.82
(v) Others	8,537	10,328.06
Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)	**25,75,04,977**	**47,62,27,229**
Total volume of water consumption (in kilolitres)	**10,29,335**	**22,00,771**
Total Water intensity per rupees of turnover from operations [KL/ ₹]	0.0000042106	0.0000127816
Water intensity [KL] per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumed [KL] / Revenue from operations adjusted for PPP USD)	0.000359792	0.001066047
Water intensity in terms of physical output	Not applicable	Not applicable
Water intensity (optional) – **(KL/MWh Electricity sold)**	0.0974933247	0.2219413579

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.

4. Provide the following details related to water discharged:

Parameter	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Water discharge by destination and level of treatment (in kilolitres)		
(i) To Surface water	0	0
No treatment	0	0
With treatment	0	0
(ii) To Groundwater	0	0
No treatment	0	0
With treatment	0	0
(iii) To Seawater [KL]	12,94,60,678	47,40,26,459
No treatment	0	0
With Secondary treatment	100% with Chlorine shock treatment	100% with Chlorine shock treatment
(iv) Sent to third parties	0	0
No treatment	0	0
With treatment	0	0
(v) Others	0	0
No treatment	0	0
With treatment – please specify level of treatment	0	0
Total water discharged [KL]	**12,94,60,678**	**47,40,26,459**

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.

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

12. Details of environmental impact assessments of projects undertaken by the entity based on applicable laws, in the Current FY:

Name and brief details of project	EIA Notification No.	Date	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain. (Yes / No)	Relevant Web link
NIL for the reporting year					

13. Is the entity compliant with the applicable environmental law/ regulations/ guidelines in India, such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, Environment protection act and rules thereunder (Y/N). If not, provide details of all such non-compliances, in the following format.

Yes. The Company is totally compliant with the applicable environmental law/ regulations/ guidelines in India, such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, Environment protection act and rules thereunder.

S. No.	Specify the law / regulation/ guidelines which was not complied with	Provide details of the non-compliance	Any fines / penalties / action taken by regulatory agencies such as pollution control boards or by courts	Corrective action taken, if any
Not applicable as all required compliances are being meet.				

Leadership Indicators

1. Water withdrawal, consumption, and discharge in areas of water stress:

Owing to the nature of the service of AESL, which is not very water intensive, Yet WRI Aqueduct 4.0 tool was used to access Water related risks. The study indicates that AESL has 12 sub-stations operations in water stressed areas & has High Water depletion rates.

For each facility / plant located in areas of water stress, provide the following information:

i. Name of the area:

1) Mahendergarh HVDC in Haryana
2) Badaun substation in Uttar Pradesh
3) Sami Substation in Gujrat,
4) MES Gwalior Substation and
5) Morena Substation in Madhya Pradesh

Plus, following 7 substations in Rajasthan

6) Bar Substation
7) Peeplu Substation
8) Khatoti Substation
9) Riyabari Substation
10) Sorda Substation
11) Ahore Substation
12) Deedwana Substation

ii. Nature of operations: Electrical Sub stations operations where water is primarily used for domestic (Drinking & Hygiene) purposes and irrigation to maintain the greenery by operating staff.

iii. Water withdrawal, consumption, and discharge in the following format

Parameter	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Water withdrawal by source (in kilolitres)		
(i) Surface water	1,807	2,369
(ii) Groundwater	50,182	43,509
(iii) Third party water	0	0
(iv) Seawater / desalinated water	0	0
(v) Others	0	0
Total volume of water withdrawal (in kilolitres)	**51,989**	**45,878**
Total volume of water consumption (in kilolitres)	**51,989**	**45,878**
Water Intensity (KL per rupee of turnover) (Water consumed KL / turnover in ₹)	0.000000213	0.000000266
Water intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumed [KL])	0.000018172	0.000022223
Water intensity (optional) - [KL / MWh Electricity Sold]	**0.004924133**	**0.004626664**
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water	0	0
No Treatment	0	0
With Treatment	0	0
(ii) Into Ground water	0	0
No Treatment	0	0
With Treatment	0	0
(iii) Into Sea water	0	0
No Treatment	0	0
With Treatment	0	0
(iv) Sent to third parties	0	0
No Treatment	0	0
With Treatment	0	0
(v) Others	0	0
No Treatment	0	0
With Treatment	0	0
Total water discharged (in kilolitres)	**0**	**0**

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

Previous year numbers have been corrected to reflect the Water stressed areas identified using WRI Aqueduct tool 4.0 in the current reporting period.

2. Please provide details of total Scope 3 emissions & its intensity, in the following format:

Parameter	UoM	FY 2024-25 (Current FY)	FY 2023-24 (Previous FY)
Total Scope 3 emissions (Break-up of the GHG into CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF_3, if available)	Mt CO_2e	21,64,885	54,86,805
Total Scope 3 emissions per rupee of turnover	Mt CO_2e / ₹	0.0000088556	0.00003186610
Total Scope 3 emission intensity (optional)	Mt CO_2e /MWh sold	0.0002050469	0.5533284591

Note:

1. Independent assurance has been carried out by an M/s. TUV India Pvt. Ltd. an external agency
2. Drastic reduction is due to emissions associated w.r.t. divestment of sole thermal asset w.e.f. September 26, 2024.
3. Refer Scope 3 Emissions methodology and calculation details on page 176-177.