

May 29, 2024

BSE Limited
P J Towers,
Dalal Street,
Mumbai – 400001

Scrip Code: 539254

National Stock Exchange of India Limited
Exchange plaza,
Bandra-Kurla Complex,
Bandra (E), Mumbai – 400051

Scrip Code: ADANIENSOL

Dear Sir/Madam,

Sub: Business Responsibility and Sustainability Report for the financial year 2023-24.

Pursuant to Regulation 34 of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are submitting herewith the Business Responsibility and Sustainability Report for the Financial Year (FY) 2023-24 which is being sent through electronic mode to the members.

The Integrated Annual Report along with the Business Responsibility and Sustainability Report for the FY 2023-24 is also uploaded on the Company's website and can be accessed at www.adanienergysolutions.com.

You are requested to take the same on your records.

Thanking you,

Yours faithfully,
For **Adani Energy Solutions Limited**
(formerly known as Adani Transmission Limited)

Jaladhi Shukla
Company Secretary

Encl: as above

Business Responsibility & Sustainability Report

SECTION A: GENERAL DISCLOSURES

I. Details of the listed entity

1. Corporate Identity Number (CIN) of the Listed Entity	: L40300GJ2013PLC077803
2. Name of the Listed Entity	: Adani Energy Solutions Limited ["AESL / the Company"] (formerly known as Adani Transmission Limited)
3. Year of incorporation	: 2013
4. Registered office address	: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India.
5. Corporate address	: Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India.
6. E-mail	: jaladhi.shukla@adani.com
7. Telephone	: (91) 79 25555366
8. Website	: www.adanienergysolutions.com
9. Financial year for which reporting is being done	: April 1, 2023 to March 31, 2024
10. Name of the Stock Exchange(s) where shares are listed	: BSE Limited (BSE) and National Stock Exchange of India Limited (NSE)
11. Paid-up Capital	: ₹ 1,115.49 crore
12. Name and contact details (telephone, email address) of the person who may be contacted in case of any queries on the BRSR report	: Name: Mr Santosh Kumar Singh Designation: Chief Sustainability Officer Telephone Number: (079) 2555 7289 Email Id: cso.energysolutions@adani.com
13. Reporting boundary	: Disclosures under this report are made on a consolidated basis (i.e. for the entity and all the entities which form a part of its consolidated financial statements, taken together)
14. Name of assurance provider	: M/s. TUV INDIA PVT. LTD.
15. Type of assurance obtained	: Reasonable Assurance for core and limited assurance for non-core indicators

II. Products and Services

16. Details of business activities (accounting for 90% of the turnover):

Sr. No	Description of main activities	Description of Business activities	% of Turnover of the entity
1	Transmission services	Power transmission network and related ancillary services.	31%
2	Generation, Transmission and Distribution	Thermal Power Generation, transmission and distribution network, sale of power to retail customers through distribution network and related ancillary services.	61%
3	Trading	Trading Activities	6%
4	Smart metering	Smart metering end to end solutions	2%

17. Products/Services sold by the entity (accounting for 90% of the entity's Turnover):

Sr. No	Product/services	NIC Code	% of total turnover contributed
1	Electric power generation by coal based thermal power plants	35102	61%
2	Electric power generation using solar energy	35105	
3	Electric power generation using other non-conventional sources	35106	
4	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.	35109	31%
5	Transmission of electric energy	35107	

III Operations**18. Number of locations where plants and/or operations/offices of the entity are situated**

Location	Number of Plants	Number of offices	Total
National	The Company has Pan India presence across 16 (Sixteen) states namely, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Jharkhand, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, West Bengal.		
International	0	0	0

19. Markets served by the entity:**a. Locations**

Locations	Number
National (No. of States)	16
International (No. of Countries)	0

Note: The Company has Pan India presence across 16 (Sixteen) states namely, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Jharkhand, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, West Bengal.

b. What is the contribution of exports as a percentage of the total turnover of the entity?

The Company had domestic turnover only.

c. A brief on types of customers

The Company works in both B2B (Power Generation and Transmission, Smart meters) and B2C business (Retail Electricity Distribution). The B2C business is done by the Retail Electricity distribution arms of AESL i.e. Adani Electricity Mumbai Limited (AEML) and MPSEZ Utilities Limited (MUL).

IV. Employees

20. Details as at the end of Financial Year

a. Employees (including differently abled):

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B/A)	No. (C)	% (C/A)
EMPLOYEES						
1.	Permanent (D)	2,292	2,020	88%	272	12%
2.	Other than Permanent (E)	0	0	0%	0	0%
3.	Total Employees (D+E)	2,292	2,020	88%	272	12%
WORKERS						
4.	Permanent (F)	2,667	2,530	95%	137	5%
5.	Other than Permanent (G)	6,189	6,027	97%	162	3%
6.	Total Workers (F+G)	8,856	8,557	97%	299	3%

b. Differently abled Employees and workers:

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B/A)	No. (C)	% (C/A)
DIFFERENTLY ABLED EMPLOYEES						
1.	Permanent (D)	08	07	87.5%	01	12.5%
2.	Other than Permanent (E)	00	00	0%	0	0%
3.	Total Differently abled employees (D+E)	08	07	87.5%	01	12.5%
DIFFERENTLY ABLED WORKERS						
4.	Permanent (F)	15	13	86.7%	02	13.3%
5.	Other than Permanent (G)	00	00	0%	00	0%
6.	Total differently abled Workers (F+G)	15	13	86.7%	02	13.3%

21. Participation/Inclusion/Representation of women

Particulars	Total (A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	7	2	29%
Key Managerial Personnel*	3	0	0%

* Chief Executive Officer, Chief Financial Officer and Company Secretary

22. Turnover rate for permanent employees and workers

	FY 2023-24 (Turnover rate in current FY)			FY 2022-23 (Turnover rate in previous FY)			FY 2021-22 (Turnover rate in the year prior to the previous FY)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Permanent Employees	7.3%	6.3%	7.1%	7.4%	7.3%	7.4%	5.32%	4.00%	5.23%
Permanent Workers	8.7%	8.0%	8.7%	6.1%	5.4%	6.1%	Ref. note		

Note – During FY21-22 the permanent workers were considered under other than permanent workers.

V. Holding, Subsidiary and Associate Companies (including joint ventures)

23. Names of holding / subsidiary / associate companies / joint ventures

S. No.	Name of the holding/ subsidiary/associate/ companies/ joint ventures (A)	Indicate whether holding/ Subsidiary/ Associate/ Joint Venture	% of shares held by listed entity	Does the entity indicated at column A, participate in the Business Responsibility initiatives of the listed entity? (Yes/No)
1	Adani Transmission (India) Limited	Subsidiary	100%	Yes
2	Maharashtra Eastern Grid Power Transmission Company Limited	Subsidiary	100%	Yes
3	Sipat Transmission Limited	Subsidiary	100%	Yes
4	Raipur-Rajnandgaon-Warora Transmission Limited	Subsidiary	100%	Yes
5	Chhattisgarh-WR Transmission Limited	Subsidiary	100%	Yes
6	Adani Transmission (Rajasthan) Limited	Subsidiary	100% ¹	Yes
7	North Karanpura Transco Limited	Subsidiary	100%	Yes
8	Maru Transmission Service Company Limited	Subsidiary	100%	Yes
9	Aravali Transmission Service Company Limited	Subsidiary	100%	Yes
10	Hadoti Power Transmission Service Limited	Subsidiary	100%	Yes
11	Barmer Power Transmission Service Limited	Subsidiary	100%	Yes
12	Thar Power Transmission Service Limited	Subsidiary	100%	Yes
13	Western Transco Power Limited	Subsidiary	100%	Yes
14	Western Transmission (Gujarat) Limited	Subsidiary	100%	Yes
15	Fatehgarh-Bhadla Transmission Limited	Subsidiary	100%	Yes
16	Ghatampur Transmission Limited	Subsidiary	100%	Yes
17	Adani Electricity Mumbai Limited (AEML)	Subsidiary	74.9%	Yes
18	Adani Electricity Navi Mumbai Limited (Formerly known as AEML Infrastructure Limited)	Subsidiary	100%	Yes
19	OBRA-C Badaun Transmission Limited	Subsidiary	100%	Yes
20	Adani Transmission Bikaner Sikar Private Limited	Subsidiary	100% ²	Yes
21	WRSS XXI (A) Transco Limited	Subsidiary	100%	Yes
22	Bikaner-Khetri Transco Limited	Subsidiary	100%	Yes
23	Lakadia Banaskantha Transco Limited	Subsidiary	100%	Yes
24	Jam khambaliya Transco Limited	Subsidiary	100%	Yes
25	Arasan Infra Limited (Formerly Known as Arasan Infra Private Limited)	Subsidiary	100%	Yes
26	Sunrays Infra Space Limited (Formerly Known as Sunrays Infra Space Private Limited)	Subsidiary	100%	Yes
27	Power Distribution Services Limited	Subsidiary	74.9%	Yes
28	Adani Electricity Mumbai Infra Limited (100% subsidiary of AEML)	Subsidiary	74.9%	Yes
29	Kharghar Vikhroli Transmission Limited (Formerly known as Khar Ghar Vikhroli Transmission Private Limited)	Subsidiary	100%	Yes
30	Alipurduar Transmission Limited	Subsidiary	100% ³	Yes
31	AEML Seepz Limited (100% subsidiary of AEML)	Subsidiary	74.90%	Yes
32	Adani Transmission Step-One Limited	Subsidiary	100%	Yes
33	Warora-Kurnool Transmission Limited	Subsidiary	100%	Yes
34	ATL HVDC Limited	Subsidiary	100%	Yes
35	MP Power Transmission Package-II Limited	Subsidiary	100%	Yes

ADANI ENERGY SOLUTIONS LIMITED

Integrated Annual Report 2023-24

S. No.	Name of the holding/ subsidiary/associate/ companies/ joint ventures (A)	Indicate whether holding/ Subsidiary/ Associate/ Joint Venture	% of shares held by listed entity	Does the entity indicated at column A, participate in the Business Responsibility initiatives of the listed entity? (Yes/No)
36	MPSEZ Utilities Limited (formerly known as MPSEZ Utilities Private Limited)	Subsidiary	100%	Yes
37	Karur Transmission Limited	Subsidiary	100%	Yes
38	Khavda-Bhuj Transmission Limited	Subsidiary	100%	Yes
39	Adani Electricity Jewar Limited	Subsidiary	100%	Yes
40	Adani Transmission Step-Two Limited	Subsidiary	100%	Yes
41	Adani Transmission Mahan Limited	Subsidiary	100%	Yes
42	BEST Smart Metering Limited	Subsidiary	100%	Yes
43	Adani Cooling Solutions Limited	Subsidiary	100%	Yes
44	WRSR Power Transmission Limited	Subsidiary	100%	Yes
45	Adani Transmission Step-Three Limited	Subsidiary	100%	Yes
46	Adani Transmission Step-Four Limited	Subsidiary	100%	Yes
47	Adani Transmission Step-Five Limited	Subsidiary	100%	Yes
48	Adani Transmission Step-Six Limited	Subsidiary	100%	Yes
49	Adani Transmission Step-Seven Limited	Subsidiary	100%	Yes
50	Adani Transmission Step-Eight Limited	Subsidiary	100%	Yes
51	NE Smart Metering Limited (Formerly known as Adani Transmission Step-Nine Limited)	Subsidiary	100%	Yes
52	Adani Electricity Aurangabad Limited	Subsidiary	100%	Yes
53	Adani Electricity Nashik Limited	Subsidiary	100%	Yes
54	Khavda II-A Transmission Limited	Subsidiary	100%	Yes
55	Adani Green Energy Thirty Limited	Subsidiary	100%	Yes
56	Adani-LCC JV	Partnership Firm	20%	Yes
57	KPS1 Transmission Limited	Subsidiary	49% ⁴	Yes
58	Sangod Transmission Service Limited	Subsidiary	100%	Yes
59	Halvad Transmission Limited	Subsidiary	100%	Yes
60	Sunrays Infra Space Two Limited	Subsidiary	100%	Yes
61	Arasan Infra Two Limited	Subsidiary	100%	Yes
62	Adani Energy Solutions Step-Twelve Limited	Subsidiary	100%	Yes
63	Adani Energy Solutions Step-Thirteen Limited	Subsidiary	100%	Yes

- Adani Transmission (Rajasthan) Limited (ATRL) has entered into a contract (Transmission Service Agreement) with Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL) providing for the issue and allotment of one non-transferable equity share of ATRL (the "Golden Share") in favour of the RRVPL.
- Adani Transmission Bikaner Sikar Private Limited (ATBSPL) has entered into a contract (Transmission Service Agreement) with Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL) providing for the issue and allotment of one non-transferable equity share of ATBSPL (the "Golden Share") in favour of the RRVPL.
- The Group has signed definitive agreements with Kalpataru Power Transmission Limited (KPTL) on July 5, 2020 for acquisition of Alipurduar Transmission Limited (APTL) in a manner consistent with Transmission Service Agreement and applicable consents. The Group has already acquired of 49% Equity Shares of Alipurduar Transmission Limited ("APTL") and during the previous year 2022-23, Group has further acquired additional 25% equity shares of APTL from KPTL in a manner consistent with Transmission Service Agreement and applicable consents. Further, the balance 26% equity shares of APTL will be acquired from KPTL after obtaining requisite approvals.

4. During the year, the Group acquired the under-development transmission company 'KPS 1 Transmission Limited' from Megha Engineering & Infrastructures Ltd. The acquisition involves the implementation of the KPS1 - Khavda PS GIS (KPS2) 765 kV double circuit line and the augmentation of Khavda PS1 in the state of Gujarat. The Company has signed definitive agreements with Megha Engineering & Infrastructures Limited (MEIL) on August 16, 2023 for acquisition of KPS1 Transmission Limited ("KPS1") in a manner consistent with Transmission Service Agreement and applicable consents. The Company has acquired 49% Equity Shares of KPS1 Transmission Limited ("KPS1") during the quarter, and the balance equity shares of KPS1 will be acquired from MEIL after obtaining requisite approvals. Considering the rights available to the Group under the Share Purchase Agreement (SPA), the group has concluded that it controls KPS1 with effect from August 16, 2023.

VI. CSR Details [on Standalone basis]

24.	Response
(i) Whether CSR is applicable as per section 135 of Companies Act, 2013:	Yes
(ii) Turnover (₹ in crore)	1,517.35
(iii) Net worth (₹ in crore)	10,921.54

The highlights of the company's CSR interventions are reported in the Integrated Report FY 2023-24 (Page Nos. 186 - 199)

VII. Transparency and Disclosures Compliances

25. Complaints/Grievances on any of the principles (Principles 1 to 9) under the National Guidelines on Responsible Business Conduct.

Stakeholder group from whom complaint is received	Grievance Redressal Mechanism in Place (Yes/No) (If yes, then provide web-link for grievance redress policy)	Current Financial Year FY 2023-2024			Previous Financial Year FY 2022-23		
		Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Remarks	Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Remarks
Communities	Yes	0	0	NA	0	0	NA
Investors (other than shareholders)	Yes	0	0	NA	0	0	NA
Shareholders	Yes	0	0	NA	0	0	NA
Employees and workers	Yes	134	40	Refer note 1	171	64	Refer note 1.1
Customers	Yes	57,871	0	Refer note 2	65,696	383	Refer note 2.1
Value chain partners	Yes	0	0	0	0	0	NA
Other (please specify)	NIL	0	0	0	0	0	NA

Note 1: To address the grievances of non-executives (individual or collective), a Works Committee consisting of representatives of employers and workmen engaged in the corresponding division is formulated, which meet monthly to address problems arising in the day-to-day working of the employees and to arrive at solutions. All such grievances out of purview of the divisional level are escalated to the quarterly Apex Works Committee consisting of business heads of various business verticals and equal number of various union General Secretaries/Vice Presidents.

Note 1.1: All grievances out of purview of the divisional level are escalated to the quarterly Apex Works Committee consisting of business heads of various business verticals and equal number of various union General Secretaries/Vice Presidents

Note 2: General Service-related complaints received from consumers of AEML.

Note 2.1: Cases which are pending have been registered in the last week of March'23 & were within their defined TAT (Turnaround Time). Zero Pending as on date April 25, 2023.

Weblinks for grievance redressal policies –

Communities

Investors (other than shareholders)

- Whistle blower policy

Shareholders

Employees and workers

- Employee Grievance Management Policy
-

Customers

- BRSR Policy

Value chain partners

- Complaint handling process
 - Compliant escalation matrix
-

26. Overview of the entity's material responsible business conduct issues

Refer Materiality assessment section on Page 58

SECTION B: MANAGEMENT AND PROCESS DISCLOSURES

This section is aimed at helping businesses demonstrate the structures, policies and processes put in place towards adopting the NGRBC Principles and Core Elements.

Sr. No	Disclosure Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
Policy and management processes										
1.	a. Whether your entity's policy/policies cover each principle and its core elements of the NGRBCs. (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	b. Has the policy been approved by the Board? (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	c. Web Link of the Policies, if available	https://www.adanienergysolutions.com/investors/corporate-governance								
2.	Whether the entity has translated the policy into procedures. (Yes / No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3.	Do the enlisted policies extend to your value chain partners? (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.	Name of the national and international codes / certifications / labels/ standards (e.g. Forest Stewardship Council, Fairtrade, Rainforest Alliance, Trustea) standards (e.g. SA 8000, OHSAS, ISO, BIS) adopted by your entity and mapped to each principle.	<p>The company policies are aligned to the principles of the National Guidelines for Responsible Business Conduct (NGRBC's), which align with internationally recognized standards, such as</p> <ul style="list-style-type: none"> • ISO 9001:2015 for Quality Management System • ISO 14001:2015 for Environment Management System • ISO 26000:2010/ SA 8000 for Social Responsibility • ISO 27031:2011 for Information and Communication Technology (ICT) Readiness for business continuity • ISO 45001:2018 for Occupational Health and Safety • ISO 50001:2018 for Energy Management System • ISO 55001:2014 for Asset Management System • ISO 27001:2013 for Information Security Management System • ISO 22301:2019 for Business Continuity Management System <p>UNGC principles, ILO principles and United Nations Sustainable Development Goals (SDGs). To measure and report its sustainability performance, the company follows the Global Reporting Initiative (GRI) standards, which are widely regarded as the gold standard for sustainability reporting. We are also committed to tackling climate change and water-related issues and reports to the Carbon Disclosure Project (CDP) on these critical issues and have committed to the Science Based Targets initiative (SBTi), which provides a framework for companies to set science based targets to reduce their greenhouse gas emissions in line with the global goal of the Paris Agreement. We started following Workforce disclosure [WDI] framework along with S&P Global's-Corporate Sustainability Assessment framework.</p>								

ADANI ENERGY SOLUTIONS LIMITED

Integrated Annual Report 2023-24

Sr. No	Disclosure Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
5.	Specific commitments, goals and targets set by the entity with defined timelines, if any.	<ol style="list-style-type: none"> 1) Board Governance as per world best practices 2) To be in Top-10 companies globally for ESG benchmarking of Electric Utility Sector by FY 2024-25. 3) Avoiding GHG emissions through sourcing renewable energy and building supporting infrastructure- 60% renewable in total electricity distribution by AESL-AEML by 2027. 4) Emission intensity target in line with India's Nationally Determined Contributions (NDCs) and performance disclosures in public domain 5 Committed to Health and Safety of workforce with Zero Harm and Zero Leak objective by bringing Leadership commitment, Uniform deployment of safety standards and procedures, Capacity building, Systems and Processes 6) IT – enablement of Adani Energy Vertical ESG framework by FY 2023-24 under O&M phase by 2024-25 9) Integrate with Management Systems in the company to conduct business with no net loss to biodiversity and 100% alignment with India Business Biodiversity Initiative (IBBI) and public disclosures by 2023-24 10) Building green supply chain by integration of Associates for 100% of critical supplies by 2023-24 11) Systematic Materiality Assessment and integration with Management Systems in the company 12) Inclusive growth including communities by undertaking CSR initiatives aligned with business impacts to leave positive footprints and societal happiness 								
6.	Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.	<p>Key Performance targets across ESG parameters are set internally and monitored and acted upon continuously</p> <ol style="list-style-type: none"> 1) Board Governance as per world best practices - ongoing 2) AESL in Top-20 companies globally for Sustainalytics ESG benchmarking of Electric Utility Sector by FY 2024-25 3) Avoiding GHG emissions through sourcing renewable energy and building supporting infrastructure- FY24: RE share of 34.35% of electricity purchased and sold and on track to achieve the goal of 60% renewable in total electricity distribution by AESL-AEML by 2027. 4) Emission intensity target in line with India's Nationally Determined Contributions (NDCs) and performance disclosures in public domain – done in Sustainability report 2023 5 Committed to Health and Safety of workforce with Zero Harm and Zero Leak objective by bringing Leadership commitment, Uniform deployment of safety standards and procedures, Capacity building, Systems and Processes – refer social section of integrated report for details 6) IT – enablement of Adani Energy Vertical ESG framework by FY 2023-24 under O&M phase by 2024-25 – Gensuit software being deployed Apr'24 onwards 9) Integrate with Management Systems in the company to conduct business with no net loss to biodiversity and 100% alignment with India Business Biodiversity Initiative (IBBI) and public disclosures by 2023-24 – refer our IBBI report of 2024 								

11. Has the entity carried out an independent assessment / evaluation of the working of its policies by an external agency?

	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
(Yes/No). If yes, provide name of the agency.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

M/s. TUV India Pvt. Ltd. is the external agency that has carried out independent assessment of our above Management systems.

12. If answer to question (1) above is "No" i.e. not all Principles are covered by a policy, reasons to be stated:

Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
The entity does not consider the principles material to its business (Yes/No)	No	No	No	No	No	No	No	No	No
The entity is not at a stage where it is in a position to formulate and implement the policies on specified principles (Yes/No)	No	No	No	No	No	No	No	No	No
The entity does not have the financial or/human and technical resources available for the task (Yes/No)	No	No	No	No	No	No	No	No	No
It is planned to be done in the next financial year (Yes/No)	No	No	No	No	No	No	No	No	No
Any other reason (please specify)	Not applicable								

SECTION C: PRINCIPLE WISE PERFORMANCE

PRINCIPLE 1 Businesses should conduct and govern themselves with integrity, and in a manner that is ethical, transparent and accountable.

Essential Indicators

1. Percentage coverage by training and awareness programs on any of the principles during the financial year:

Segment	Total number of training and awareness programmes held	Topics / principles covered under the training and its impact	% age of persons in respective category covered by the awareness programmes
Board of Directors	3	Familiarization programs covering issues related to Safety, Health and Environment, Strategy/Industry Trends, Ethics & Governance and Legal & Regulatory matters and Business aspects relating to sustainability & operational governance. Impact: Adherence to Good Governance practices and insights	100%
Key Managerial Personnel	6	Programs covering issues related to: 1. Anti-Bribery and Anti-corruption (ABAC) 2. Cyber Security Awareness 3. Insider Trading Training 4. Introduction to ESG 5. POSH & Gender Sensitization 6. Safety Trainings Impact: Adherence to Good Governance practices, behaviour and insights into ESG domain	100%
Employees other than BoD and KMPs	655	Programs covering issues related to: 1. A-Marvels 2. Anti-Bribery and Anti-corruption (ABAC) 3. Awareness session on AWMS 4. Cyber Security Awareness 5. Code of Conduct 6. Ethics 7. Health & Wellbeing 8. Human Rights 9. Insider Trading Training 10. Introduction to ESG 11. POSH & Gender Sensitization 12. SA 8000 13. Safety Trainings 14. Young Manager Program Impact: Insights and awareness for rights, ethical and corporate behaviour expectations and enhancement in career progression skills and solutions to business challenges by projects identification and deployment.	93%

Segment	Total number of training and awareness programmes held	Topics / principles covered under the training and its impact	% age of persons in respective category covered by the awareness programmes
Workers	427	<p>Programs covering issues related to:</p> <ol style="list-style-type: none"> 1. 7-QC Tools 2. KM Cyber Security 3. Human Rights 4. POSH Awareness 5. Safety Trainings <p>Impact: insights and awareness w.r.t. productivity, safe and secured working conditions.</p>	58%

2. Details of fines / penalties /punishment/ award/ compounding fees/ settlement amount paid in proceedings (by the entity or by directors / KMPs) with regulators/ law enforcement agencies/ judicial institutions, in the financial year, in the following format:

Particulars	NGRBC Principle	Name of the regulatory/ enforcement agencies/ judicial Institutions	Amount (In ₹)	Brief of the Case	Has an appeal been preferred? (Yes / No)
Monetary					
Penalty / Fine	NIL	NIL	NIL	NIL	NIL
Settlement	NIL	NIL	NIL	NIL	NIL
Compounding Fees	NIL	NIL	NIL	NIL	NIL
Non- Monetary					
Imprisonment	NIL	NIL	NIL	NIL	NIL
Punishment	NIL	NIL	NIL	NIL	NIL

3. Of the instances disclosed in Question 2 above, details of the Appeal/ Revision preferred in cases where monetary or non-monetary action has been appealed.

Case Details	Name of the regulatory/ enforcement agencies/ judicial institutions
Not Applicable	Not Applicable

4. Does the entity have an anti-corruption or anti-bribery policy? If yes, provide details in brief and if available, provide a web-link to the policy.

Yes,

Code of Business Ethics & Conduct: The Company has laid down two separate [Code of Business Ethics & Conduct – one for Board Members and Senior Management Personnel](#) (including those deputed in Subsidiaries/ Joint Ventures) in alignment with Company's Vision & Mission and aims at enhancing ethical and transparent process in managing the affairs of the Company. - [other for employees](#).

Define the desirable and non-desirable acts and conduct for the employees and extend to all employees working with it (including those deputed in Subsidiaries/ Joint Ventures). The aspects of Bribery and Corruption are also covered under CoC. There is a laid down procedure for action in the case of non-compliance with the defined terms as well as for any misconduct.

Whistle Blower Policy: Whistle Blower policy provides a system for disclosures made by employees or complaint of any fraud or suspected fraud involving employees of the Company (all full time, part-time or employees appointed on adhoc/ temporary/contract basis) as well as representative of vendors, suppliers, contractors, service providers or any outside agency(ies) doing any type of business with the Company.

The Company has an **Anti-Corruption and Anti-Bribery policy** in place.

5. **Number of Directors/KMPs/employees/workers against whom disciplinary action was taken by any law enforcement agency for the charges of bribery/ corruption:**

Particulars	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Directors	0	0
KMPs	0	0
Employees	0	0
Workers	0	0

6. **Details of complaints with regard to conflict of interest:**

Number of complaints received in relation to issues of	FY 2023-24 (Current Financial Year)		FY 2022-23 (Previous Financial Year)	
	Number	Remarks	Number	Remarks
Conflict of Interest of the Directors	0	Not applicable	0	Not applicable
Conflict of Interest of the KMPs	0	Not applicable	0	Not applicable

7. **Provide details of any corrective action taken or underway on issues related to fines / penalties / action taken by regulators/ law enforcement agencies/ judicial institutions, on cases of corruption and conflicts of interest.**

Not Applicable, there were zero cases of corruption and Conflict of Interest in the reporting year, as a result there were no fines, penalties and NO corrective actions taken against the entity by any legislative or judicial institutions.

8. **Number of days of accounts payables ((Accounts payable *365) / Cost of goods/services procured) in the following format:**

	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Number of days of accounts payables	67.71	85.91

9. **Open-ness of business Provide details of concentration of purchases and sales with trading houses, dealers, and related parties along-with loans and advances & investments, with related parties, in the following format:**

Parameter	Metrics	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Concentration of Purchases	Purchases from trading houses as % of total purchases	0	0
	Number of trading houses where purchases are made from	0	0
	Purchases from top 10 trading houses as % of total purchases from trading houses	0	0
Concentration of Sales	Sales to dealers/ distributors as % of total sales	0	0
	Number of dealers /distributors to whom sales are made	0	0
	Sales to top 10 dealers/distributors as % of total sales to dealers / distributors	0	0

Parameter	Metrics	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Share of RPTs in	Purchases (Purchases with related parties / Total Purchases)	58.21%	49.72%
	Sales (Sales to related parties / Total Sales)	0.66%	1.18%
	Loans & advances (Loans & advances given to related parties / Total loans & advances)	Nil	74.80%
	Investments (Investments in related parties / Total Investments made)	Nil	Nil

Leadership Indicators

1. Awareness programmes conducted for value chain partners on any of the principles during the financial year:

Total number of awareness programmes	Topics/principles covered under the training	%age of vale chain partners covered (by value of business done with such partners) under the awareness programmes
02	Climate Change, Energy, Safety	~64% of annual spends

2. Does the entity have processes in place to avoid/ manage conflict of interests involving members of the Board? (Yes/No) If yes, provide details of the same.

Yes, we have laid down guidelines to manage or avoid conflict of interest involving members of the Board.

These guidelines are incorporated in the organization's 'Code of Conduct [CoC] for Board of Directors and Senior Management'. All applicable members are expected to dedicate their best efforts and decisions to advance the Company's interests. Any situation that involves or reasonably expected to involve in a conflict of interest shall be promptly reported.

The COC covers the following aspects of Conflict of Interest:

- Corporate Business Opportunity
- Payment or gift from others
- Company property
- Confidential Information

PRINCIPLE 2 Businesses should provide goods and services in a manner that is sustainable and safe

1. Percentage of R&D and capital expenditure (capex) investments in specific technologies to improve the environmental and social impacts of product and processes to total R&D and capex investments made by the entity, respectively.

Segment	FY 2023 - 24 (Current FY)	FY 2022 - 23 (Previous FY)	Details of improvements in environmental and social impacts
R&D	ZERO	100%	
Capex	3.09%*	2.55%	*for energy conservation activities for Smart grid upgradation

2. Does the entity have procedures in place for sustainable sourcing? (Yes/No) If yes, what percentage of inputs were sourced sustainably?

Yes, 100% percentage of inputs were sourced as per our supply chain management policy, which effectively governs our sustainable supply chain management practices. We ensure that our supplier selection process integrates the prerequisites of sustainability.

Our [supplier Code of Conduct](#) acts as a framework for assessing and disseminating the company's requirements, values, and culture to suppliers. We also encourage our suppliers to adhere to social and environmental standards such as SA 8000, ISO 14001:2015, and ISO 45001:2018. Moreover, we have also devised a supplier screening and risk assessment programme which serves as an initiatory requirement in our vendor onboarding process.

In addition to the regulatory and qualitative aspects, our supplier assessment scorecard also incorporates ESG aspects for screening and prequalification of our suppliers. We have classified our suppliers and identified them as critical based on value of business and nature of supply. Further, our supplier screening framework is used to assess the identified critical suppliers on predefined ESG parameter which act as a key enabler on our Responsible Supply Chain journey.

3. Describe the processes in place to safely reclaim your products for reusing, recycling and disposing at the end of life, for (a) Plastics (including packaging) (b) E-waste (c) Hazardous waste and (d) other waste.

Owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity], the scope for safely reclaiming products for reuse, recycling, and disposal at the end of life is not applicable.

In alignment with the UN SDG 12- Responsible Consumption and Production, the company have defined processes for managing waste at all our operational sites.

All the hazardous waste generated across our premises is handled, segregated, stored, and transported in accordance with applicable regulatory requirements and following best industry practices.

All the hazardous waste is disposed of in an environmentally sound manner through an authorised agency. Additionally, the non-hazardous waste generated at our premises comprises of scrap metal, wood, glass, tires, e-waste, cardboard, and paper are sold via auctioned.

With our consistent efforts in reduction of waste generation, all our Grid division operations including the head office @ Ahmedabad have been certified as Zero Waste to Landfill sites by M/s. Intertek India Pvt. Ltd. & M/s. Bureau Veritas India has certified our Retail division operations in Mumbai & Dahanu since 2022.

Furthermore, the company was also a certified Single Use Plastic (SUP) free company by M/s. Confederation of Indian Industries [CII].

4. Whether Extended Producer Responsibility (EPR) is applicable to the entity's activities (Yes / No). If yes, whether the waste collection plan is in line with the Extended Producer Responsibility (EPR) plan submitted to Pollution Control Boards? If not, provide steps taken to address the same.

Owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity], Extended Producer Responsibility (EPR) is not applicable to the Company.

Leadership Indicators

1. Has the entity conducted Life Cycle Perspective / Assessments (LCA) for any of its products (for manufacturing industry) or for its services (for service industry)? If yes, provide details in the following format?

NIC Code	Name of Product / Service	% of total Turnover contributed	Boundary for which the life cycle Perspective / Assessments conducted	Whether conducted by independent external agency (Yes/No)	Results communicated in public domain (Yes/No) If yes, provide the web-link
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Not applicable owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity]

However, we intend to use the [LCA study of RE supplier for the Solar PV modules](#), considering Solar PV modules from the in-house installations that might come up for disposal at the end of their life.

2. If there are any significant social or environmental concerns and/or risks arising from production or disposal of your products / services, as identified in the Life Cycle Perspective / Assessments (LCA) or through any other means, briefly describe the same along-with action taken to mitigate the same.

Name of Product / Service	Description of the risk / concern	Action Taken
Solar PV panels from current in-house installation	Contamination due to landfilling of unrecyclable / unrecoverable material from end of life PV panels	Secured landfilling for end of life PV panels is planned to avoid any contamination

Not applicable. However, The Company takes proactive steps to avoid any significant environmental and or social impact from ash produced from power generation at Dahanu and the Company is also committed to take responsibility of the safe disposal following Waste management hierarchy for the solar modules waste [if generated] to avoid any significant environmental and or social impact.

3. Percentage of recycled or reused input material to total material (by value) used in production (for manufacturing industry) or providing services (for service industry).

Indicate input material	Recycled or re-use input material to total material	
	FY 2023-24	FY 2022-23
	Current Financial Year	Previous Financial Year
Steel	39% [§]	37%*
Aluminum	38.1% [#]	39.3% [#]

§ as per CEEW report October 2023 * As per CRISIL research report 2022# As per OEM Industry study report 2023-24

4. Of the products and packaging reclaimed at end of life of products, amount (in metric tonnes) reused, recycled, and safely disposed, as per the following format:

	FY 2023-24			FY 2022-23		
	Current Financial Year			Previous Financial Year		
	Re-Used	Recycled	Safely Disposed	Re-Used	Recycled	Safely Disposed
Plastics (including packaging)	Not applicable owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity].					
E-waste						
Hazardous waste						
Other waste						

5. Reclaimed products and their packaging materials (as percentage of products sold) for each product category.

Indicate product category	Reclaimed product and their packaging material as % of total products sold in respective category
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Not applicable owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity].

PRINCIPLE 3 Businesses should respect and promote the well-being of all employees, including those in their value chains

Essential Indicators

1. a. Details of measures for the well-being of employees:

Category	% of employees covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity Benefits		Day Care facilities	
		Number (B)	% (B / A)	Number (C)	% (C / A)	Number (D)	% (D / A)	Number (E)	% (E / A)	Number (F)	% (F / A)
Permanent employees											
Male	2,020	2,020	100%	2,020	100%	0	0%	567	28%	0	0%
Female	272	272	100%	272	100%	272	100%	0	0%	0	0%
Total	2,292	2,292	100%	2,292	100%	272	12%	567	25%	0	0%
Other than Permanent employees											
Male	0	0	0%	0	0%	0	0%	0	0%	0	0%
Female	0	0	0%	0	0%	0	0%	0	0%	0	0%
Total	0	0	0%	0	0%	0	0%	0	0%	0	0%

b. Details of measures for the well-being of workers:

Category	% of workers covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity Benefits		Day Care facilities	
		Number (B)	% (B / A)	Number (C)	% (C / A)	Number (D)	% (D / A)	Number (E)	% (E / A)	Number (F)	% (F / A)
Permanent workers											
Male	2,530	2,530	100%	2,530	100%	0	0%	0	0%	0	0%
Female	137	137	100%	137	100%	137	100%	0	0%	0	0%
Total	2,667	2,667	100%	2,667	100%	137	5%	0	0%	0	0%
Other than Permanent workers											
Male	6,027	6,027	100%	6,027	100%	0	0%	146	2%	0	0%
Female	162	162	100%	162	100%	162	100%	0	0%	0	0%
Total	6,189	6,189	100%	6,189	100%	162	3%	146	2%	0	0%

c. Spending on measures towards the well-being of employees and workers (including permanent and other than permanent) in the following format:

	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Cost incurred on well-being measures as a % of total revenue of the company	0.09%	0.11%

2. Details of retirement benefits, for Current FY and Previous Financial Year.

Benefits	FY 2023-24 Current Financial Year			FY 2022-23 Previous Financial Year		
	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)
PF	100%	100%	Yes	100%	100%	Yes
Gratuity	100%	100%	Yes	100%	100%	Yes
ESI	100%	100%	Yes	100%	100%	Yes
Others – please specify	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

3. Accessibility of workplaces

Are the premises / offices of the entity accessible to differently abled employees and workers, as per the requirements of the Rights of Persons with Disabilities Act, 2016? If not, whether any steps are being taken by the entity in this regard.

In conformance with our Diversity, Equality, and Inclusion policy as well as the employee Code of Conduct, we are an equal opportunity employer and ensure that the company fulfills the requirements of the Right of Persons with Disabilities Act, 2016. We provide our employees and visitors with the requisite infrastructure to address accessibility of workplaces for differently abled. For example, the company have the provision of ramps, Wheelchairs and dedicated toilets at all office locations, even elevators have provisions with braille signs for visually impaired.

4. Does the entity have an equal opportunity policy as per the Rights of Persons with Disabilities Act, 2016? If so, provide a web-link to the policy.

Yes, our **Diversity, Equity and Inclusion policy** showcases our commitment to equal opportunity. Our unwavering commitment to delivering value while nurturing and promoting diversity across our operation aids in promoting an environment of trust, empathy, and mutual respect.

5. Return to work and Retention rates of permanent employees and workers that took parental leave.

Gender	Permanent employees		Permanent workers	
	Return to work rate	Retention rate	Return to work rate	Retention rate
Male	100%	100%	Not Applicable	
Female	83%	67%		
Total	91%	82%		

6. Is there a mechanism available to receive and redress grievances for the following categories of employees and workers? If yes, give details of the mechanism in brief.

	Yes/No (If Yes, then give details of the mechanism in brief)
Permanent Workers	Yes. All grievances are handled through works committee, "Charter of Demand" and Consultation with Representatives
Other than Permanent Workers	Yes. Works Committee for Grievance Redressal. Various internal committees for resolving day to day operations i.e., Canteen, Safety and Cultural committees.
Permanent Employees	Yes. Adani Grievance Management System Employees can report their grievances to their BU HR Teams initially. In case the resolution is not satisfactory, then a grievance can be raised through the online tool. The Grievance Redressal Committee protects and safeguards the confidentiality of the aggrieved employees.
Other than Permanent Employees	Yes. Applicable same as Permanent employees

7. Membership of employees and worker in association(s) or Unions recognized by the listed entity:

Category	FY 2023-24 (Current Financial Year)			FY 2022-23 (Previous Financial Year)		
	Total employees/ workers in respective category (A)	No. of employees / workers in respective category, who are part of association(s) or Union (B)	% (B/A)	Total employees/ workers in respective category (C)	No. of employees/ workers in respective category, who are part of association(s) or Union (D)	% (D/C)
Total Permanent Employees	2,292	0	0%	2,150	0	0%
- Male	2,020	0	0%	1,945	0	0%
- Female	272	0	0%	205	0	0%
Total Permanent Workers	2,667	2,667	100%	2,852	2,852	100%
- Male	2,530	2,530	100%	2,704	2,704	100%
- Female	137	137	100%	148	148	100%

8. Details of training given to employees and workers:

Category	FY 2023-24 Current Financial Year					FY 2022-23 Previous Financial Year				
	Total (A)	On Health and safety measures		On Skill upgradation		Total (D)	On Health and safety measures		On Skill upgradation	
		No. (B)	% (B/A)	No. (C)	% (C/A)		No. (E)	% (E/D)	No. (F)	% (F/D)
Employees										
Male	2,020	1,360	67%	2,009	99%	2,367	1,463	62%	1,914	81%
Female	272	142	52%	266	98%	818	377	46%	490	60%
Total	2,292	1,502	66%	2,275	99%	3,185	1,840	58%	2,404	75%
Workmen										
Male	8,557	3,626	42%	1,435	17%	1,992	1,841	92%	273	14%
Female	299	132	44%	104	35%	78	72	92%	12	15%
Total	8,856	3,758	42%	1,539	17%	2,070	1,913	92%	285	14%

9. Details of performance and career development reviews of employees and worker:

Category	FY 2023-24 Current Financial Year			FY 2022-23 Previous Financial Year		
	Total (A)	No. (B)	% (B / A)	Total (C)	No. (D)	% (D / C)
Employees						
Male	2,020	1,930	96%	1,950	1,930	99%
Female	272	261	96%	205	203	99%
Total	2,292	2,191	96%	2,155	2,133	99%
Workers						
Male	2,530	2,509	99%	2,704	2,704	100%
Female	137	137	100%	148	148	100%
Total	2,667	2,646	99%	2,852	2,852	100%

10. Health and safety management system:

a. Whether an occupational health and safety management system has been implemented by the entity? (Yes/ No). If yes, the coverage of such a system?

Yes, at AESL, we strive to provide a safe and healthy working environment for our employees including the contract workers and visitors. The majority of risks for our business arise from high voltage substations, height work activities, road related incidents and construction activities. We are an ISO 45001:2018 certified organisation and work meticulously to achieve the target of zero fatalities. We conduct an in-depth inquiry into lost time incidents and fatalities to track, monitor, prevent, and mitigate the causes with immediate effect.

We have undertaken several initiatives such as Safe Eye (induction for recruits), Safe Connect (periodic corporate conference call to share safety practices), Safe Alert (Health, Safety and Environment alerts), Monthly Safety Quiz Series" (MSQS) based on Group Safety Standards. These initiatives are conducted twice a month. Furthermore, Safe Library (online content library, Daily morning meeting with O&M Team and Weekly morning meeting with Projects team is conducted to discuss the various incidents reported across the group. Take away from these incidents are extracted and tracked on daily basis. In addition to the aforementioned, we conduct periodic safety audits of under-construction and operational sites.

b. What are the processes used to identify work-related hazards and assess risks on a routine and non-routine basis by the entity?

At AESL, we identify work-related hazards and assess risks by conducting a Hazard Identification and Risk Assessment (HIRA), Vulnerabilities Risk Assessment (VSR), and using safety checks and assurance (SCA).

We also conduct safety risk field audits (SFRA) frequently. We also have Gensuite platform through which observations (UA/UC) and incidents are reported by employees.

- Conduction of Hazard identification and Risk assessment for all maintenance activities. The awareness about the controls to mitigate the risk is created among the workers before starting maintenance activity through Job Safety Analysis (JSA), Safety Interaction (SI) Implementations.
- Provision of the safety protocols for all critical activities posing high potential risk. This protocol was signed by a senior member's team consisting of representatives from Operation, Safety and Maintenance department.
- Safety Connect Mobile Application - Business have adopted technological solutions, a mobile based application to identify high risk employees based on their driving pattern and counsel them in time to prevent road accidents.
- Carrying of Operation & Maintenance activities using defined Permit to Work (PTW) & Lock Out Tag Out (LOTO) system
- **SRFA** – Conduction of Safety risk field audit periodically to know the status of Contractor/ Subcontractors safety implementation at site during work and find out deviations (if any).
- **CVF's** - The Group identifies critical vulnerability factors based on reported incidents and their potential occurrence's addressal of these factors monitored monthly promoting a safer work environment.
- **VSR's** - Analysis of Adani group risk exposure to identify vulnerable risks and unsafe condition that may cause incidents with severity 4/5.
- Acquiring **additional permits** on daily basis for monitoring of Height, confined space, Work under water Bodies, Hot Work, etc.
- Strict Compliance of **Life Saving Safety Rules (LSSR)** during job execution with use of Video Analytics System for close monitoring.
- Conduction of **external safety audit** as per statutory requirements.

c. Whether you have processes for workers to report the work-related hazards and to remove themselves from such risks. (Y/N)

Yes, at AESL, we do have observation and incident reporting platform Gensuite. Where all the employees across the business report the incidents. AESL has also adopted a group-wide Safety Standard for Incident Reporting and Investigation for assessing safety incidents as well as to prevent their recurrence in the future.

The Safety Incident Reporting, Classification, and Investigation Standard sets the organization's safety requirements and has been upheld as Life Saving Safety Rules. The incident investigation process contributes to the continuous improvement of safety systems and performance by identifying and implementing actions to prevent an incident recurrence and promoting an atmosphere of openness by improving communications and understanding about the incident.

In ADTPS, our thermal generation unit, COO meets every AMC worker of each Departments on 10th and 30th day of every month and discussed regarding Hazards they faced while working, also Cross functional Safety Samwad by all plant seniors conducted with AMC workers in 12 Locations of plant. Safety Interaction carried out by all Executives as per schedule to find out Unsafe Act & Unsafe condition in premises.

AEML, our power distribution unit, has a process of concern reporting through QR code where any stakeholders can raise the concern which is automatically allotted to the concerned personnel for its immediate mitigation based on its severity. All the workers are empowered to stop the work if they feel that risk is not acceptable and such STOP activities are encouraged and recognized. Forums like ZLSC (Zonal level Safety committee meet) and JSCM (Joint Safety committee meet) are formed where the worker can further report or escalate the concern on monthly basis. AEML has adopted Safety Standard for Incident Reporting and Investigation for assessing safety incidents to prevent recurrence in the future.

d. Do the employees/ worker of the entity have access to non-occupational medical and healthcare services? (Yes/ No)

Yes, the employees and workers have access to non-occupational medical and healthcare services.

11. Details of safety related incidents, in the following format:

Safety Incident/Number	Category	FY 2023-24	FY 2022-23
		Current Financial Year	Previous Financial Year
Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked)	Employees	0.23	0.88
	Workers	0.45	0.15
Total recordable work-related injuries	Employees	46	107
	Workers	40	17
No. of fatalities	Employees	0	0
	Workers	0	3 [contract workers]
High consequence work-related injury or ill-health (excluding fatalities)	Employees	0	0
	Workers	0	0

12. Describe the measures taken by the entity to ensure a safe and healthy workplace.

We have a robust safety governance structure and comply with all applicable safety standards. We provide our employees and workers an opportunity to actively engage, participate, and provide their feedback on how to improve our site safety practices.

To ensure safe and healthy workplace, we carry out the following activities:

- Daily morning meeting with O&M Team and Weekly morning meeting with Projects team is conducted to discuss the various incidents reported across the group. Take away from these incidents are extracted and tracked on daily basis.
- Safety Connect Mobile Application - Business have adopted technological solutions, a mobile based application to identify high risk employees based on their driving pattern and counsel them in time to prevent road accidents.

- Monthly Safety Quiz Series" (MSQS) to conduct based on Group Safety Standards, and it is supposed to be conducted twice in every month
- The workers working at height are physically and medically checked by concerned site safety coordinators and certified medical practitioner before issuing Height pass.
- Safe Connect: On a monthly basis all the employees are connected in group talk through MS Teams wherever they are located. This two-way communication enables employees to discuss the focus area, efforts made for safety excellence and performance sharing.
- Safe Alert: Preparation and Circulation of OHS alerts on the Observation analysis, Incidents happened outside and across our organization.
- VSR: Analysis of Adani Group's risk exposure to identify vulnerable risks and unsafe conditions that may cause incidents with severity 4/5.
- Safety Risk Field Audits (SRFA) are carried out across all the sites on a weekly basis to evaluate the Safety Performance Index of an overall site.
- Audits: As a part of assurance, regular site safety audits are being done at AESL including internal, cross functional and external as well.
- SPIS: The management of health and safety against previous targets and industry benchmarks is ensured by Safety Performance Indicator Scorecard (SPIS) through lagging indicators, Assurance & Leadership.
- Critical Vulnerability Factors (CVF's) based on various High potential incidents are defined and status of its implementation is tracked on monthly basis.
- Business Safety Council Meeting is being conducted on a once in two-month basis for discussion on defined taskforce KPI's of various safety aspects at business level.
- LSSR - LSSR are identified and displayed at prominent locations within department. All employees regularly read the same & implement the actions in day-to-day work. LSSR Videos developed in house and same shown to AMC workers during their schedule Training.
- Displaying safety awareness sign boards at Prominent Locations. At AESL, we also provide our employees and workers safety trainings as follows:
- 100% safety induction training to the newly appointed contractor safety workers through Kronos.
- Training on working at height and electrical safety by competent authority and regular training through T&CB taskforces.

13. Number of Complaints on the following made by employees and workers:

Category	FY 2023-24 (Current Financial Year)			FY 2022-23 (Previous Financial Year)		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Working Conditions	8	0	Refer note	6	0	Refer note
Health & Safety	5	0		4	0	

Note: Attended through Adopting Safety Improvement plan in SAP system.

14. Assessments for the year:

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Health and safety practices	72%
Working Conditions	72%

15. Provide details of any corrective action taken or underway to address safety-related incidents (if any) and on significant risks / concerns arising from assessments of health & safety practices and working conditions.

At AESL, we have undertaken the following initiatives to safeguard our employees and workers from any significant risks or concerns arising from the working conditions:

- Explored the Technology based solution to monitor various safety statistics of two and four wheelers across different locations with an aim to bring down the Vehicular accidents. A rescue kit has been mandated for all workers working at height as a second line of protection.
- Safety Internal and Cross functional audit to be conducted regularly at defined intervals.
- All the T&P's, PP Rope, lifting accessories etc. are made to be critically inspected prior to start of work.
- **Near-miss categorizations and its analysis:** The Near-Miss Category has been assigned to various incidents reflected in the Daily Incident Report and has been analyzed on monthly basis.
- Mandate for all sites to Identify the high-risk activity at site and ensure that these activities are deployed with policy "No supervision, No Job Policy"
- Use of New Generation Hydra vehicle with improved safety features i.e. improved visibility for operator, use of Wheel Guards, improved balancing of vehicle to avoid toppling instance has been made mandated at all sites and use of old generation hydra is banned.
- Physical Training has been conducted on height work standard and height work rescue from certified agency before deployment a worker work at height.
- Providing remote Pushbutton for operation of High Mast to enhance human safety.
- In House Developed QR code system for Electrical Equipment Isolation to Eliminate Hazards due to Human Error.
- Locking of Wagon Tippler through Mechanical as well as through Electrical Interlock system in Process of removing Boulders from Apron Grill as a Dynamic Energy Locking.
- Eliminating risk of falling object hazard during Turbine bearing scrapping in O/H.
- Safety improvement by providing earth fault protection for dredging systems.

Leadership Indicators

1. Does the entity extend any life insurance or any compensatory package in the event of death of

Employees : Yes, as per Death Benevolent Policy

Workers : Yes, as per Death Benevolent Policy

2. Provide the measures undertaken by the entity to ensure that statutory dues have been deducted and deposited by the value chain partners.

The Company has adequate mechanisms to ensure that requisite statutory dues, as applicable to the transactions of the Company with its value chain partners, are deducted, and deposited in accordance applicable regulations and reviewed as per regular audit processes. The Company also collects necessary certificates and proof from its contractors with respect to payment of statutory dues relating to contractual employees and workers. The Company expects its valued chain partners to behave ethically and with integrity in all its business transactions and uphold standards of fair business practices.

3. Provide the number of employees / workers having suffered high consequence work-related injury / ill-health / fatalities (as reported in Q11 of Essential Indicators above), who have been rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment:

NIL

	Total no. of affected employees/workers		No. of employees/workers that are rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment	
	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Employees	0	0	0	0
Workers	0	3	0	0

4. Does the entity provide transition assistance programs to facilitate continued employability and the management of career endings resulting from retirement or termination of employment?.

Yes, we have a provision of outplacement assistance services and personal finance management,

5. Details on assessment of value chain partners

	% of value chain partners (by value of business done with such partners) that were assessed
Health and safety practices	100%
Working Conditions	100%

6. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from assessments of health and safety practices and working conditions of value chain partners

Considering past incidents of wrongly carried out HT electrical isolation in two consecutive months by operator, electrical team carried out Brainstorming session and decided to be developed in house QR code system for electrical equipment's isolation to eliminate hazards due to human error. Accordingly, 3500 nos. QR scanner developed in house and pasted on electrical module across the plant. Now this QR code scanning of electrical module system is working successfully since adoption and same is appreciated by Adani group safety team and published in Adani organization through "positive safety culture".

Also, in AEML some corrective actions taken are mentioned as below-

- a. Emergency rescue chute is installed at location to provide alternate means of evacuation.
- b. Fire hydrant standby pumps are provided at the location for fire safety compliances.
- c. Mandatory SAKSHAM safety training module compliance for team members of value chain partners.
- d. Ensured emergency response preparedness compliance.

PRINCIPLE 4: Businesses should respect the interests of and be responsive to all its stakeholders

Essential Indicators

1. Describe the processes for identifying key stakeholder groups of the entity.

To create long-term value for our stakeholders, we comprehend that engagement with stakeholders is of paramount importance for us. Our engagement aids in understanding the needs of our stakeholders, working with them to minimize risks, maintaining social legitimacy, improving credibility, and gaining their trust. At AESL, we have identified our stakeholders as groups and individuals who could influence and/ or be impacted by our operations or activities, change in technology, regulations, market, and societal trends either directly or indirectly. The identified group of stakeholders comprises of communities, employees, supply chain partners, customers, investors, regulators, and civil society organizations. We are committed to engaging openly and authentically with our stakeholders to enhance cooperation and mutual support for a sustainable relationship.

2. List stakeholder groups identified as key for your entity and the frequency of engagement with each stakeholder group.

Refer stakeholder engagement section on Page 50

Leadership Indicators

1. Provide the processes for consultation between stakeholders and the Board on economic, environmental, and social topics or if consultation is delegated, how is feedback from such consultations provided to the Board.

The company endeavors to incorporate sustainability aspects into all its systems and processes. Respective functional heads engage with the stakeholders on various topics and the relevant feedback from such consultation is provided to the Board for any concern related to economic, environmental, and social topics. Our mailing portal aids in addressing the concerns of our vendors and customers. Our employees use the grievance management system for raising their concerns and grievances which are addressed.

2. Whether stakeholder consultation is used to support the identification and management of environmental, and social topics (Yes / No).

If so, provide details of instances as to how the input received from stakeholders on these topics were incorporated into policies and activities of the entity.

Yes, our material issues are identified based on our engagement with our stakeholders. We have set bold aspirations towards our sustainable journey and our sustainability goals.

Example: Inputs received from non-managerial workmen during two scheduled stakeholder engagement forums every month are incorporated in the Safety procedures and appropriate actions are planned, implemented, and again closed looped with them.

Inputs received from ESG rating agencies are discussed with CRC Committee and appropriate changes to policies & procedures are updated and appropriate actions are planned by concerned functions and reviewed on Quarterly basis by CRC committee.

3. Provide details of instances of engagement with, and actions taken to, address the concerns of vulnerable/marginalized stakeholder groups.

We understand our responsibility to help the residents around these locations as well as reach out to the marginalized and vulnerable communities in the respective areas. We ensure to defend their rights, interests, natural and cultural resources as well as give them resources to participate and benefit from development. We recognize the importance of gaining access to robust and quality medical services, especially for the economically marginalized and vulnerable populations. Acknowledging this need, we have worked heavily towards improving access to essential healthcare infrastructure and services. Mobile Health Care Unit & Health Check-up Camp in Government Schools are some of the highlights of initiatives taken by us.

PRINCIPLE 5 Businesses should respect and promote human rights

Essential Indicators

1. Employees and workers who have been provided training on human rights issues and policy (ies) of the entity, in the following format:

Category	FY 2023-24 Current Financial Year			FY 2022-23 Previous Financial Year		
	Total (A)	No. of employees/ workers covered (B)	% (B/A)	Total (C)	No. of employees/ workers covered (D)	% (D/C)
Employees						
Permanent	2,268	981	43%	2,150	1,031	48%
Other than permanent	00	00	100%	5	5	100%
Total Employees	2,268	981	43%	2,155	1,036	48%
Workers						
Permanent	2,667	108	04%	2,852	3	0%
Other than permanent	6,189	150	02%	4,851	0	0%
Total Workers	8,856	258	03%	7,703	3	0%

Note: above numbers for Refresher training on human rights

2. Details of minimum wages paid to employees and workers, in the following format:

Category	FY 2023-24					FY 2022-23				
	Total (A)	Current Financial Year		Previous Financial Year		Total (D)	Equal to		More than	
		Minimum Wage		Minimum Wage			Minimum Wage		Minimum Wage	
		No. (B)	% (B/A)	No. (C)	% (C/A)		No. (E)	% (E/D)	No. (F)	% (F/D)
Employees										
Permanent	2,292	00	0%	2,292	100%	2,150	0	0%	2,150	100%
Male	2,020	00	0%	2,020	100%	1,945	0	0%	1,945	100%
Female	272	00	0%	272	100%	205	0	0%	205	100%
Other Permanent	00	00	0%	00	0%	5	0	0%	5	100%
Male	00	00	0%	00	0%	5	0	0%	5	100%
Female	00	00	0%	00	0%	0	0	0%	0	0%
Workers										
Permanent	2,667	00	0%	2,667	100%	2,852	0	0%	2,852	100%
Male	2,530	00	0%	2,530	100%	2,704	0	0%	2,704	100%
Female	137	00	0%	137	100%	148	0	0%	148	100%
Other than Permanent	6,189	00	0%	6,189	100%	4,851	171	4%	4,680	96%
Male	6,027	00	0%	6,027	100%	4,755	168	4%	4,587	96%
Female	162	00	0%	162	100%	96	3	3%	93	97%

3. Details of remuneration/salary/wages, in the following format:

a. Median remuneration / Wages:

	Male		Female	
	Number	Median remuneration/salary/ wages of respective category	Number	Median remuneration/salary/ wages of respective category
Board of Directors (BoD)	05	24,50,000/-*	02	12,00,000/-*
Key Managerial Personnel	03	7,09,43,722/-	0#	0
Employees other than BoD and KMP	2,013	20,97,302/-	272	8,00,000/-
Workers	2,530	952,077/-	137	11,48,071/-

* Represents the sitting fees drawn by the Independent Directors during FY 23-24.

No women in KMP position

b. Gross wages paid to females as % of total wages paid by the entity, in the following format:

	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Gross wages paid to females as % of total wages	7.9%	7.3%

4. Do you have a focal point (Individual/ Committee) responsible for addressing human rights impacts or issues caused or contributed to by the business? (Yes/No)

Yes, the Adani Grievance Management System is in place which is responsible for addressing human rights impacts or issues.

5. Describe the internal mechanisms in place to redress grievances related to human rights issues.

At AESL, all employees can report human rights abuses through an online grievance redressal mechanism, known as the Adani Grievance Management System. The system is accessible to permanent employees and workers. Initially, employees and workers can report their grievances to BU HR teams. In case the resolution is not satisfactory, a grievance can be raised through an online ticket on the system. The system is designed to resolve a grievance within a defined timeline of 14 days, from the day a grievance is raised. Furthermore, the Grievance Redressal Committee ensures to protect and safeguard the confidentiality of the aggrieved.

6. Number of Complaints on the following made by employees and workers:

	FY 2023-2024 Current Financial Year			FY 2022-2023 Previous Financial Year		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Sexual Harassment	01	0	Refer note	0	0	Not applicable
Discrimination at workplace	0	0		0	0	
Child Labour	0	0		0	0	
Forced Labour/Involuntary Labour	0	0		0	0	
Wages	0	0		0	0	
Other human Rights related issues	0	0		0	0	

Note: Necessary action related to training of employees undertaken.

7. Complaints filed under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013:

	FY 2023-2024 Current Financial Year	FY 2022-2023 Previous Financial Year
Total Complaints reported under Sexual Harassment on of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (POSH)	1	0
Complaints on POSH as a % of female employees / workers	0.4%	0
Complaints on POSH upheld	0	0

8. Mechanisms to prevent adverse consequences to the complainant in discrimination and harassment cases.

AESL's Vigil mechanism (Whistle Blower Policy) and POSH policy have provisions for addressing complaints pertaining to discrimination, unethical behavior, actual or suspected fraud or violation of the code of conduct. All complaints are taken up by the Internal Complaint Committees (ICCs), which are governed under strict confidentiality. There are defined procedures to protect the complainant from any retaliatory actions. The policies have ample provisions that provide adequate safeguards against victimization of employees and Directors and provide direct access to the Chairperson of the Audit Committee in exceptional cases. An employee can also raise any other grievances through the online grievance portal. The system is designed to redress the grievance within a defined timeline of 14 working days. The grievances are resolved in a fair and time bound manner maintaining utmost confidentiality. All the pertinent information is maintained by the POSH Committee or Grievance Committee in a secure manner. Moreover, identity of the aggrieved is protected until final investigation is completed.

9. Do human rights requirements form part of your business agreements and contracts? (Yes/No)

Yes, The Human rights related requirements are covered as a part of the vendor onboarding process through ARIBA portal (IT enabled sourcing portal) and included under General terms and conditions of **all purchase/service orders**.

10. Assessments for the year:

We have defined systems for ensuring compliance with regulatory requirements. There is a **Code of Conduct for employees** and **Suppliers' Code of Conduct** to ensure conformity with business ethics and human rights requirements. Also, the human rights criteria are screened through online ARIBA portal during vendor onboarding process. In addition, we review compliance with these requirements during contract execution. In all our business units, it is mandatory to check the age proof documents at the time of recruitment to prevent employment of child labor and during the induction session essential business ethics and human rights related aspects are covered for creating awareness among employees.

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Child labour	100%
Forced/involuntary labour	100%
Sexual harassment	100%
Discrimination at workplace	100%
Wages	100%
Others – please specify	Not Applicable.

11. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 9 above.

Not applicable

Leadership Indicators

1. Details of a business process being modified / introduced as a result of addressing human rights grievances/ complaints.

We have proactively assessed potential human rights issues across our operations in the last 4 years. We also conduct internal/ external audits in addition to ISO audits to identify the observation if any. We are 100% compliant with Human rights related concerns.

2. Details of the scope and coverage of any Human rights due diligence conducted.

At AESL, we have developed a code of conduct, and every employee needs to adhere to it. Under employees' code of conduct, there are many human rights issues noted such as anti-bribery, anti-corruption, etc. As a part of the Social Accountability Standard certification pursued by AESL, annual internal audits and continuous workplace monitoring activities ensure a strict adherence to policies, identify violations, and take necessary action. In accordance periodic Social Accountability Risk Assessment to identify and prioritize the area of actual or potential non-conformance to the standard needs to be conducted. The comprehensive list of human rights risks assessed are as follows:

- Engagement of child labor
- Engagement of child labor by suppliers and sub-contractors
- Engagement of forced labor
- Non-compliance of EHS guideline
- Corporal punishment, mental or physical coercion or verbal abuse of personnel
- Exceeding working hours / Working without a weekly day of rest.
- Lower payment of wages
- Discrimination in the workplace

We recognize human rights as one of the key risk factors and pay significant emphasis on addressing its impacts. Human rights also form part of our organization's risk matrix. This inclusion is reviewed periodically to ensure its effectiveness. Furthermore, periodic Social Accountability Risk Assessments are also carried out to systematically assess and address potential social responsibility risks. We also conduct training sessions for our on-roll and off-roll employees across divisions and zonal offices. This enables us to create awareness among our workforce about human rights and their associated impacts.

3. Is the premise/office of the entity accessible to differently abled visitors, as per the requirements of the Rights of Persons with Disabilities Act, 2016?

All our offices comply with the Rights of Persons with Disabilities Act, 2016, ensuring equal opportunities and a diverse work environment. We have provisions for differently abled individuals (employees, workers and visitors) including assistance and workplace modifications which enable individuals (employees, workers & or visitors) with disabilities to carry out their jobs easily. Our corporate offices are equipped with wheelchairs, ramps, dedicated toilets, and Braille signs in elevators for accessibility. All our locations meet national and local requirements for accommodating individuals with disabilities. Our infrastructure incorporates comprehensive plans to ensure accessibility in work areas, restrooms, common areas, and movement around facilities.

4. Details on assessment of value chain partners:

	% of value chain partners (by value of business done with such partners) that were assessed
Sexual Harassment	0%*
Discrimination at workplace	100% w.r.t. pay & entitlement
Child labour	100%
Forced labour	100%
Wages	100%
Other please specify	Not applicable

Note: * We encourage Supply chain partner to adhere to POSH requirements but are currently not monitoring & tracking it.

5. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 4 above.

Not applicable

PRINCIPLE 6: Businesses should respect and make efforts to protect and restore the environment

Essential Indicators

1. Details of total energy consumption (in Joules or multiples) and energy intensity, in the following format:

Parameter	Unit	FY 2023-24	FY 2022-23
		(Current Financial Year)	(Previous Financial Year)
From renewable sources			
Total electricity consumption (A)	GJ	8,760	12,368
Total fuel consumption (B) (Coal & Oil consumption)	GJ	0	0
Energy consumption through other sources (C)	GJ	0	0
Total energy consumption (A+B+C)	GJ	8,760	12,368
From non-renewable sources			
Total electricity consumption (D)	GJ	1,07,546	99,649
Total fuel consumption (E)	GJ	3,18,57,636	32,865,854
Energy consumption through other sources (F)	GJ	0	0
Total energy consumed from non-renewable sources (D+E+F)	GJ	3,19,65,182	3,29,65,503
Total energy consumed (A+B+C+D+E+F)	GJ	3,19,73,942	32,977,872
Energy intensity per rupee of turnover (Total energy consumed / Revenue from operations)	GJ ₹	0.0001856973	0.0002382715
Energy intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total energy consumed / Revenue from operations adjusted for PPP)	GJ PPP USD	0.000050946	0.000066352
Energy intensity in terms of physical output			
Energy intensity (optional) – the relevant metric may be selected by the entity	GJ MWh Sold	3.431732879	3.6391383800

ADANI ENERGY SOLUTIONS LIMITED

Integrated Annual Report 2023-24

Purchasing Power Parity (PPP) rate of ₹ 22.8821303538728/ Int USD [2022] and as on March 31 '24 - FX rate of ₹ 83.405/ USD, and as on March 31, '23 - FX rate of ₹ 82.17/USD considered for above calculations.

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

2. Does the entity have any sites / facilities identified as designated consumers (DCs) under the Performance, Achieve and Trade (PAT) Scheme of the Government of India? (Y/N) If yes, disclose whether targets set under the PAT scheme have been achieved. In case targets have not been achieved, provide the remedial action taken, if any.

Yes. A-DTPS our 500MW Thermal power station is identified as designated consumers (DCs) under the Performance, Achieve and Trade (PAT) Scheme of the Government of India.

Targets set under the PAT cycle 1 & PAT Cycle 2 were surpassed resulting in generation of **4,591 ECert's in PAT cycle 1** and **8,749 ECert's in PAT cycle 2**. There were No active PAT targets applicable to ADTPS for FY2023-24.

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

Parameter	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	21,12,006.45	17,76,885
(ii) Groundwater	76,072.46	57,693
(iii) Third party water	2,363.53	661
(iv) Seawater / desalinated water	47,40,26,458.82	48,81,05,573
(v) Others	10,328.06	7,731
Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)	47,62,27,229	48,99,48,543
Total volume of water consumption (in kilolitres)	22,00,771	18,42,970
Total Water intensity per rupees of turnover from operations	0.0000127816 KL/ ₹	0.0000133158 KL/ ₹
Water intensity [KL] per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumed [KL] / Revenue from operations adjusted for PPP)	0.000003507	0.000003708
Water intensity in terms of physical output	Not applicable	Not applicable
Water intensity (optional) – the relevant metric may be selected by the entity (KL/MWh sold)	0.2219413579	0.2033734275

Purchasing Power Parity (PPP) rate of ₹ 22.8821303538728/ Int USD [2022] and as on March 31, '24 - FX rate of ₹ 83.405/ USD, and as on March 31, '23 - FX rate of ₹ 82.17/USD considered for above calculations.

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

4. Provide the following details related to water discharged:

Parameter	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Water discharge by destination and level of treatment (in kilolitres)		
(i) Surface water		
No treatment	0	0
With treatment – please specify level of treatment	0	0
(ii) To Groundwater		
No treatment	0	0
With treatment – please specify level of treatment	0	0
(iii) To Seawater [KL]		
No treatment	0	0
With treatment – secondary treatment	47,40,26,459	48,81,05,573
(iv) Sent to third parties		
No treatment	0	0
With treatment – please specify level of treatment	0	0
(v) Others		
No treatment	0	0
With treatment – please specify level of treatment	0	0
Total water discharged [KL]	47,40,26,459	48,81,05,573

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

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-off as per Maharashtra Pollution Control Board (MPCB) consent to operate guidelines.
- In all our operating locations, treated water 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 2023-2024 (Current Financial Year)	FY 2022-2023 (Previous Financial Year)
NOx	MT	3,742.7	4,035.1
SOx	MT	3,088.7	2,909.2
Particulate matter (PM)	MT	539.7	540
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	0.0272	0.0293

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 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	Unit	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Total Scope 1 emissions (Break-up of the GHG into CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , if available)	Metric tonnes of CO ₂ equivalent	2,663,319	2,826,371
Total Scope 2 emissions (Break-up of the GHG into CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , if available)	Metric tonnes of CO ₂ equivalent	4,26,436	435,852
Total Scope 1 and Scope 2 emission intensity per rupee of turnover (Total Scope 1 and Scope 2 GHG emissions / Revenue from operations)	Mt of CO ₂ e Rupee	0.000017945	0.000023570
Total Scope 1 and Scope 2 emission intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total Scope 1 and Scope 2 GHG emissions / Revenue from operations adjusted for PPP)	Mt of CO ₂ e Rupee [PPP]	0.000004923	0.000006564
Total Scope 1 and Scope 2 emission intensity (optional) – the relevant metric may be selected by the entity	Mt of CO ₂ e MWh sold	0.3115929252	0.3599892960

Purchasing Power Parity (PPP) rate of ₹ 22.8821303538728/ Int USD [2022] and as on March 31, '24 - FX rate of ₹ 83.405/ USD, and as on March 31, 2023 - FX rate of ₹ 82.17/USD considered for above calculations

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

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 are committed to phasing out Dahanu Thermal power plant latest by 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 and submitted our targets for validation to SBTi.

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

Parameter	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Total Waste generated (in metric tonnes)		
Plastic waste (A)	36.98	5.01
E-waste (B)	246.37	216.25
Bio-medical waste (C)	0.11	0.09
Construction and demolition waste (D)	0.72	1.85
Battery waste (E)	30.03	38.93
Radioactive waste (F)	0.00	0.00

Parameter	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Other Hazardous waste (G)		
Containers / Barrels / Drums	19.159	15.238
Misc Waste	14.066	5.108
Oil-Soaked Solid Waste	8.832	16.186
Organic Waste	12.910	59.942
Used / Spent Oil	79.750	71.248
Wooden Scrap	0.533	0.269
Total (other) Hazardous Waste (G)	135.25	167.99
Other Non-hazardous waste (H)		
Containers / Barrels / Drums	126.354	6.502
Paper Waste	21.106	600.711
Metallic Scrap	2,156.265	755.045
Misc Waste	236.399	647.163
Used / Spent Oil	5.540	359.655
Organic Waste	135.779	7.887
Rubber Scrap	44.420	169.448
Spent Resins	0.789	1.292
Wooden Scrap	402.801	42.245
Total (other) Non-Hazardous Waste (H)	3,129.453	2,589.99
Total (A+B + C + D + E + F + G+ H)	3,578.913	3,020.11
Waste intensity per rupee of turnover from operations. Metric tonnes / ₹	0.0000207855	0.0000218209
Waste intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total waste generated [kg] / Revenue from operations adjusted for PPP)	0.0000057025	0.0000060765
Waste intensity in terms of physical output	NA	NA
Waste intensity (optional) – [kg /MWh sold]	0.3609235579	0.333271905
For each category of waste generated, total waste recovered through recycling, re-using or other recovery operations (in metric tonnes)		
Category of waste (in metric tonnes)		
(i) Recycled	3,530.19	2,816.45
(ii) Re-used	2.87	18.80
(iii) Other recovery operations	0	0
Total	3,533.06	2,835.25
For each category of waste generated, total waste disposed by nature of disposal method (in metric tonnes)		
Category of waste disposed (in metric tonnes)		
(i) Incineration	10.41	19.97
(ii) Landfilling	35.45	22.01
(iii) Other disposal operations	0	11.84
Total	45.86	53.82

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

10. Briefly describe the waste management practices adopted in your establishments. Describe the strategy adopted by your company to reduce usage of hazardous and toxic chemicals in your products and processes and the practices adopted to manage such wastes.

Effective waste management practices are crucial for Indian companies.

We understand that it is important to segregate different waste streams for more efficient treatment and reuse. With our consistent efforts in reduction of waste generation, all our Grid division operations including the head office @ Ahmedabad have been certified as Zero Waste to Landfill sites by M/s. Intertek India Pvt. Ltd. & M/s. Bureau Veritas India has certified our Retail division operations in Mumbai & Dahanu since 2022. The company is also a certified Single Use Plastic (SUP) free company by M/s. Confederation of Indian Industries [CII].

Furthermore, minimizing freshwater withdrawal by maximizing the recycling and reuse of plant service wastewater and ash pond overflow is another sustainable practice. This not only reduces the plant's freshwater footprint but also lessens the impact on local water bodies.

We have adopted & implemented Zero Liquid Discharge (ZLD) system, we segregate waste streams, employed advanced treatment technologies, and maximizing water recycling are essential waste management practices for sustainable operations and environmental stewardship.

To reduce the usage of hazardous and toxic chemicals/substance in our processes for we have adopted a comprehensive strategy that encompasses the following key elements:

Hazard Identification and Risk Assessment (HIRA): Implementing a systematic approach to identify and analyze the physical, chemical, biological, and environmental hazards in the plant, analyzing potential & actual risks, classifying risks, and recommending corrective actions to minimize or eliminate hazards.

Regular Inspections and Preventive Measures: Conducting regular inspections and employing preventive measures such as water sprays, isolation from ignition sources, proper ventilation, and spark-proof electrical equipment. Ensuring the use of appropriate personal protective equipment (PPE), such as dust masks and safety guards on moving parts.

Training and Supervision: Providing thorough training and proper supervision to the workforce to handle hazardous chemicals/substances safely. This includes the use of safety belts, safety nets, helmets, protective suits where necessary.

Optimization of Water Consumption: Adopting waste management practices that aim for Zero Liquid Discharge (ZLD), which involves treating and recycling wastewater for reuse in various process applications. This approach helps in preventing the discharge of effluents from power plants and thereby reducing the reliance on fresh water.

By integrating these strategies into our operations, Compliance with local regulations and standards is also ensured in the implementation of the above strategies that has helped us significantly reduced the use of hazardous and toxic chemicals/substances and manage waste more effectively, contributing to a safer and more sustainable environment.

11. If the entity has operations/offices in/around ecologically sensitive areas (such as national parks, wildlife sanctuaries, biosphere reserves, wetlands, biodiversity hotspots, forests, coastal regulation zones etc.) where environmental approvals / clearances are required, please specify details in the following format:

Location of operations/offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N) If no, the reasons thereof and corrective action taken, if any.
Adani - Dahanu Thermal Power Station	Electricity Generation	Yes
500 KV D/C TL from Mundra to Mahendragarh. (HVDC)	Power Transmission	Yes
400 KV D/C TL from Mundra to Dehgam	Power Transmission	Yes
400 KV D/C Mahendragarh-Bhiwani Line	Power Transmission	Yes

Location of operations/offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N) If no, the reasons thereof and corrective action taken, if any.
400 KV Mahendragarh-Dhanaunda line	Power Transmission	Yes
33 KV Mahendragarh Kaithal transmission line	Power Transmission	Yes
765 kV D/C Bhuj to Lakadia TL	Power Transmission	Yes
LILO of 400 kV D/C Bachau to EPGL	Power Transmission	Yes
765 kV D/C Lakadia to Banaskantha TL	Power Transmission	Yes
400 KV D/C Limbdi -Vadavi TL	Power Transmission	Yes
400 KV D/C Vadavi- Kansari TL	Power Transmission	Yes
400 KV D/C Rajgarh-Karamsad TL	Power Transmission	Yes
400 KV D/C Rajgarh-Karamsad TL	Power Transmission	Yes
400 KV D/C Pune- Aurangabad TL	Power Transmission	Yes
765 kV Tiroda Koradi Ckt - 1	Power Transmission	Yes
765 kV Tiroda Koradi Ckt - 2	Power Transmission	Yes
400 kV D/C TL from Tiroda to Warora	Power Transmission	Yes
765 KV/DC Raipur - Rajnandgaon- Warora Transmission Limited	Power Transmission	Yes
765 KV/DC Raipur - Rajnandgaon- Warora Transmission Limited	Power Transmission	Yes
765 KV S/C Champa Dharamjaygarh Transmission Line	Power Transmission	Yes
400 kV D/C Suratgarh - Bikaner Transmission Line	Power Transmission	Yes
132 kV S/C Loonkaransar Transmission line	Power Transmission	Yes
LILO of 132 KV SC Mahaveer Nagar Deoli Manjhi Line	Power Transmission	Yes
765 kV D/C Fatehgarh Bhadla	Power Transmission	Yes
765 KV D/C Bikaner-Khetri TL	Power Transmission	Yes
400 kV D/C Ghatampur-Kanpur TL	Power Transmission	Yes
765 kV S/C Agra-Greater Noida TL	Power Transmission	Yes
400kV D/C Jaunpur Obra TL	Power Transmission	Yes
400 kV D/C Roza - Badaun line	Power Transmission	Yes
LILO of 220 kV C.B. Ganj - Badaun S/C line at Badaun		Yes
LILO of 220 kV Chandausi - Badaun S/C line at Badaun		Yes
132kV Badaun-Ujhani S/C line and 132 kV Bilsi-Badaun S/C line		Yes
765KV D/C Warora Pool - Warangal (New) TL	Power Transmission	Yes
765KV D/C Warora Pool - Warangal (New) TL	Power Transmission	Yes
756kV D/C Warangal - Chilakaluripeta TL	Power Transmission	Yes
400 kV Vikhroli receiving station and associated incoming transmission lines (LILO Line)	Power Transmission	Yes
400 kV Kharghar Vikhroli line (Main Line)	Power Transmission	Yes
Ajaygarh Panna 132 kV DSSS Line	Power Transmission	Yes
Sleemabad - Bahoribandh - Katangi 132kV DCSS line	Power Transmission	Yes
Deonagar - Harrai 132kV DCSS line and Harrai - Amarwara 132kV DCSS line	Power Transmission	Yes

Location of operations/offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N) If no, the reasons thereof and corrective action taken, if any.
Associated Transmission Lines with 220/132/33 kV Substation Begumgang involving. 1. Sagar - Begumganj 220 kV DCDS Line, 2. Begumganj - Rahatgarh 132kV DCSS Line, 3. Begumganj - Silwani 132 kV DCSS Line, 4. Begumganj Gyaraspur 132 kV DCSS line	Power Transmission	Yes
LILO of Nainpur Mandla 132kV line at Baihar 132kV Substation	Power Transmission	Yes
Construction of 400 kV D/C North Karanpura to Gaya Transmission Line (Bihar portion)	Power Transmission	Yes
Construction of 400 kV D/C North Karanpura to Gaya Transmission Line (Jharkhand Portion)	Power Transmission	Yes
400 kV D/C North Karanpura to Chandwa TL	Power Transmission	Yes

Note: Avoidance of ecologically sensitive areas such National Parks, Wildlife Sanctuaries, Forest etc. forms the most important part of our route/site selection criteria. Accordingly, a mandatory Environmental and Social assessment is conducted for each of our project by studying at least three possible routes/sites and the most optimum route/site having the least Environment & Social impacts is selected as Final route/site. However, in few cases, wherein, complete avoidance of forest/wildlife areas is not possible in our Transmission Lines, due to peculiarity of terrain and geographical constraint, Forest and or Wildlife and or CRZ clearance is obtained as per the provisions of applicable regulations ensuring that there is **no significant adverse impact** on the biodiversity habitat or any species during operations.

12. Details of environmental impact assessments of projects undertaken by the entity based on applicable laws, in the current financial year:

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
Name: Establishment of transmission system for supply of power & strengthening existing transmission scheme in Mundra region. Brief details: The Transmission lines proposed for strengthening the Mundra region network	As per CRZ notification 2011	CRZ notification date - January 06, 2011 EIA Date - December 19, 2023	Yes	Yes	Recommendations uploaded in CRZ fresh proposal form in Parivesh portal under section 11.2. Link for the same is mentioned below: https://parivesh.nic.in/newup-grade/#/report/crz?id=32835854&caf=8884628

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:

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
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Not applicable as all required compliances are being meet.

Leadership Indicators

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

Owning to the nature of the service of AESL, which is not very water intensive, Yet WRI Aqueduct analysis was carried out by the Company to assess Water related risks. The study indicates that AESL has 11 sub-stations operations in water stressed areas & Water depletion areas.

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 and

Following 9 substations in Rajasthan

- 3) Alwar Substation
- 4) Bar Substation
- 5) Deedwana Substation
- 6) Ghamurwali Substation
- 7) Ghumati Substation
- 8) Khatoti Substation
- 9) Riyabari Substation
- 10) Shekhsar Substation
- 11) Ahore Substation

- ii. Nature of operations:** 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 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	0	0
(ii) Groundwater	32,887	26,032
(iii) Third party water	0	96
(iv) Seawater / desalinated water	0	0
(v) Others	0	726
Total volume of water withdrawal (in kilolitres)	32,887	26,854
Total volume of water consumption (in kilolitres)	32,887	26,854

Parameter	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Water Intensity (KL per rupee of turnover) (Water consumed KL / turnover in ₹)	0.0000001910	0.0000001940
Water intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumed [KL] / Revenue from operations adjusted for PPP)	0.000000052	0.000000054
Water intensity (optional)- the relevant metric may be selected by the entity. [KL / MWh Sold]	0.000003317	0.000002963
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water	0	0
- No treatment	0	0
- With treatment – please specify level of treatment	0	0
(ii) Into Groundwater	0	0
- No treatment	0	0
- With treatment – please specify level of treatment	0	0
(iii) Into Seawater	0	0
- No treatment	0	0
- With treatment – please specify level of treatment	0	0
(iv) Sent to third-parties	0	0
- No treatment	0	0
- With treatment – please specify level of treatment	0	0
(v) Others	0	0
- No treatment	0	0
- With treatment – please specify level of 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.

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

Parameter	Unit	FY 2023-24 (Current Financial Year)	FY 2022-23 (Previous Financial Year)
Total Scope 3 emissions (Break-up of the GHG into CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , if available)	Metric tonnes of CO ₂ equivalent	54,86,805	31,17,794
Total Scope 3 emissions per rupee of turnover	Mt CO ₂ e ₹	0.00003186610	0.00002253
Total Scope 3 emission intensity (optional) – the relevant metric may be selected by the entity	Metric tonnes of CO ₂ emission/ MWH sold	0.5533284591	0.34405142

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

3. With respect to the ecologically sensitive areas reported at Question 11 of Essential Indicators above, provide details of significant direct & indirect impact of the entity on biodiversity in such areas along-with prevention and remediation activities.

- The Dahanu region, known for its ecological sensitivity, has following:
 - Potential Direct impacts include:
 - Air pollution from emissions, notably sulfur dioxide, which can affect respiratory health in local wildlife and contribute to acid rain, further affecting soil and water quality.
 - Thermal pollution leading to changes in local climate and water temperatures, potentially disrupting local ecosystems.
 - Noise pollution, which can interfere with the natural behavior of wildlife.
 - Indirect impacts involve:
 - Potential contamination of local water sources due to runoff and leaching of pollutants, affecting both terrestrial and aquatic life.
 - Changes in local agriculture, as emissions from the power plant can affect crop yields and soil health, indirectly impacting food sources for local wildlife.
 - Socioeconomic changes that may lead to overfishing or overharvesting of local resources as community dynamics shift.

No negative effects on the local biodiversity have been noted because of our plant's operations as certified by CII & IUCN team post Three season BIO-Diversity study conducted in 2022-2023. Indeed, the report of the biodiversity assessment study reveals the following:

- The Biodiversity Index Score of Adani DTPS, Dahanu is 66/100
- During the site assessment six important ecosystems/ habitats were enlisted and these are Greenbelt, scrub forest, grasslands, river & streams, mangroves and coastal area.
- 225 floral and 144 faunal species were recorded.
- Total floral diversity of ADTPS after second assessment is 225 which includes 92 tree species, 28 shrub species, 57 herb species, 22 grass species and 26 climber species.
- Four nos. of mangrove species documented.
- A total of 90 species of birds belonging to 42 families have been documented from the Plant premises and study area.
- The mammalian diversity of Plant premises and study area was represented by 8 species. The Indian Fruit bat was the most common mammalian species recorded.
- Pugmark of Small Indian Civet (*Viverricula indica*) found.
- Scat of Leopard (*Panthera pardus fusca*) found.
- 7 Species of reptiles were recorded in the Plant premises and study area. It included 4 snake species, 2 lizards & a gecko species.
- 29 species of butterflies were recorded during the study.
- The most commonly recorded butterfly species are Common Grass Yellow (*Eurema hecabe*) and Common Emigrant (*Catopsilia pomona*).
- In ADTPS along with the floral and faunal diversity there is another kind of diversity reported which is the different types of floral habitat inside the ADTPS campus and this kind of diversity serves the healthy and rich biodiversity inside the campus.
 - Mangrove habitat

- Fruit Orchard habitat
- Mixed plantation patch
- Ash pond plantation habitat

Further ADTPS has taken following Preventive measures:

- The Adani- Dahanu Thermal Power Station [ADTPS] has installed:
 - 1) Electrostatic precipitator with >99% efficiency to eliminate the fly ash being carried away by flue gases
 - 2) a flue gas de-sulphurisation plant to reduce sulfur emissions much before being mandated.
 - 3) Work in Conservation efforts, along with the Dahanu Taluka Environment Protection Authority (DTEPA).

The company became a signatory to the IBBI declaration in July 2020 with the objective of enhancing biodiversity conservation and sustainable development within the power sector.

Following initiatives are taken:

- ADTPS is certified for ISO 14001 – Environment Management System since 1999
- ADTPS is also certified for Single Used Plastic (SuP) free organisation & Zero Waste to landfill (ZWTL) with a Diversion ratio of 99.96%.
- ADTPS is certified for ISO 46001 – Water Efficiency Management System.
- Plastic & polythene has been banned in ADTPS premises since 2013.
- ADTPS is the 1st utility in India who installed FGD with 100% capacity.
- The green belt area is 54% more than regulatory requirement.
- More than 2 Cr's of mangroves are planted along the creek.
- Setting up of ambient air quality monitoring station in surrounding area
- Regular monitoring of Water & Soil quality in surrounding area.
- 06 MT of polythene from Dahanu Municipal Corporation utilized in returfing of plant roads.
- Domestic, canteen and food waste are composed & used as manure.
- Use of Drip Irrigation in entire Horticulture
- Ground Water Table Enhancement
 - Bore wells.
 - Artificial ponds
 - Collection of roof drains
- Treated Sewage Effluent Utilisation
 - Used in non-fruit bearing plants.
 - Sludge as a fertilizer
- Plant saplings are provided to various Schools in Dahanu & also to Government offices to NGO's.
- Wadi development project for farmers in association with NABARD. More than 1000 families benefited.

Employees are trained and guided to implement biodiversity-friendly practices, such as avoiding sensitive habitats, utilizing eco-friendly technologies, and minimizing disturbances to wildlife.

4. If the entity has undertaken any specific initiatives or used innovative technology or solutions to improve resource efficiency, or reduce impact due to emissions / effluent discharge / waste generated, please provide details of the same as well as outcome of such initiatives, as per the following format:

Sr. No	Initiative undertaken	Details of the initiative (Web-link, if any, may be provided along-with summary)	Outcome of the initiative
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Refer the Environmental section of Integrated annual report 2024 Page 122 to 155

5. Does the entity have a business continuity and disaster management plan? Give details in 100 words/ web link.

Yes, we have a Business Continuity and Disaster Management Plan. The Business Continuity Plan oversees the organisational risks such as strategic, financial, credit market, liquidity, technology, security, property, IT, legal, regulatory, reputational and other risks. Further, we also have an ISO 22301: 2019 Business Continuity management system implemented for our operations.

6. Disclose any significant adverse impact to the environment, arising from the value chain of the entity. What mitigation or adaptation measures have been taken by the entity in this regard?

No Significant adverse impact to the environment, arising from the value chain identified yet. Hence, no mitigation or adaptation measures taken by the company.

7. Percentage of value chain partners (by value of business done with such partners) that were assessed for environmental impacts.

At AESL, we follow a robust supplier engagement practice to mitigate any ESG related risks in the supply chain. We have developed a comprehensive supplier screening and Assessment Framework comprising of a supplier score card to assess the performance of all suppliers under evaluation. Our environmental evaluation KPIs for suppliers include the following:

- Environmental Management Certification
- Energy Management Certification
- Energy and GHG Emissions
- Water Conservation
- Land Conservation
- Pollution
- Green Packaging
- Management and disposal of hazardous substances
- Environmental Compliance

PRINCIPLE 7 Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent

1. Number of affiliations with trade and industry chambers/ associations. List the top 10 trade and industry chambers/ associations (determined based on the total members of such body) the entity is a member of/ affiliated to.

Refer Page 224 of the integrated Report for details.

2. Provide details of corrective action taken or underway on any issues related to anti-competitive conduct by the entity, based on adverse orders from regulatory authorities.

Name of authority	Brief of the case	Corrective action taken
NIL	NIL	NIL

Leadership Indicators

1. Details of public policy positions advocated by the entity:

Sr. No	Public policy advocated	Method resorted for such advocacy	Whether information available in public domain? (Yes/No)	Frequency of Review by Board (Annually/ Half yearly/ Quarterly / Others – please specify)	Web Link, if available
1	Right of Way clearance for transmission lines: to establish predefined transmission corridors.	This involves actively advocating for the identification and designation of specific areas for transmission line installations, streamlining the clearance process. Additionally, the Company proactively creates a land pipeline in the States where it operates, securing land rights and permissions in advance to mitigate delays. Furthermore, the Company focuses on developing innovative designs and methodologies for transmission line installations, such as reduced towers, to minimise the impact on the surrounding environment and facilitate smoother clearance processes.	Yes	Quarterly	https://www.adanienergysolutions.com/
2	Macroeconomic risk: Change in the economic environment can lead to high interest rates, volatile currency and commodity prices that can subsequently affect the Company's ability to access low-cost funding and competitiveness.	It involves actively engaging with policymakers and establishing strong relationships with relevant government authorities and industry forums. This allows the Company to stay informed about potential policy changes, influence decision-making processes, and effectively advocate for its interests.	Yes	Quarterly	https://www.adanienergysolutions.com/
3	Increasing RE mix in the power sold in Mumbai distribution business.	It involves engaging with Maharashtra Electricity Regulatory commission [MERC] and peers and establishing strong relationships with relevant government authorities and industry forums. This allows the Company to stay informed about potential policy changes, influence decision-making processes, and effectively advocate for its customers' interests.	Yes	Quarterly	https://www.adanienergysolutions.com/
4	Demand Side Management	It involves engaging with Maharashtra Electricity Regulatory commission [MERC], peers and OEMs of energy efficient equipment's to establish strong relationships with relevant government authorities and industry. This allows the Company to stay informed about potential policy changes, influence decision-making processes, and effectively advocate for its customers' interests.	Yes	Half Yearly	https://www.adanielectricity.com/dsm-program

PRINCIPLE 8 Businesses should promote inclusive growth and equitable development

Essential Indicators

1. Details of Social Impact Assessments (SIA) of projects undertaken by the entity based on applicable laws, in the current financial year.

Name and brief details of project	SIA Notification No.	Date of notification	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain (Yes / No)	Relevant Web link
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Not Applicable:

The Land Acquisition, Rehabilitation and Resettlement Act (LARR), 2013 and its subsequent amendments does not mandate Social Impact Assessment for the transmission business (including substations). Transmission lines (TL) do not lead to any physical displacement and hence, rehabilitation and resettlement is not applicable to the projects.

AESL has adopted a Right of Way approach in its transmission and distribution lines which does not warrant land acquisition. However, compensation for ROW w.r.t. crop, tower area, corridor area etc. is provided as per the local administrative orders as per

2. Provide information on project(s) for which ongoing Rehabilitation and Resettlement (R&R) is being undertaken by your entity, in the following format:

Sr. No	Name of Project for which R&R is ongoing	State	District	No. of Project Affected Families (PAFs)	% of PAFs covered by R&R	Amounts paid to PAFs in the FY (In ₹)
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Not Applicable as AESL has adopted a Right of Way approach in its transmission and distribution lines which does not warrant land acquisition. However, compensation for ROW w.r.t. crop, tower area, corridor area etc. is provided as per the local administrative orders.

3. Describe the mechanisms to receive and redress grievances of the community.

We keep our communities at the heart of everything that we do at AESL. Consequently, we continuously engage with local communities to work on projects underlying the national and global priorities. For any grievance, community members can directly lodge their complaints either in writing or orally to the company designated personnel- mostly CSR head at the Business Unit.

Further, program officers maintain constant contact with key community stakeholders to enable complaint lodging on a one-on-one basis. Alternatively, the whistleblower mechanism is also for lodging grievances.

4. Percentage of input material (inputs to total inputs by value) sourced from suppliers:

	FY 2023-24 Current financial Year	FY 2022-23 Previous financial Year
Directly sourced from MSMEs/ small producers	15.1%	5.9%#
Sourced directly from within the district and neighbouring districts	8.0%	4.80%#

Previous Financial year disclosure was based on [inputs to total inputs by No of suppliers] which has been corrected.

5. Job creation in smaller towns – Disclose wages paid to persons employed (including employees or workers employed on a permanent or non-permanent / on contract basis) in the following locations, as % of total wage cost

Location categorized, as per RBI Classification System	FY 2023-24 Current financial Year	FY 2022-23 Previous financial Year
Rural	10.9%	11.5%
Semi-urban	23.5%	22.2%
Urban	61.7%	62.4%
Metropolitan	3.9%	3.9%

Leadership Indicators

1. Provide details of actions taken to mitigate any negative social impacts identified in the Social Impact Assessments (Reference: Question 1 of Essential Indicators above):

Details of negative social impact identified	Corrective action taken
Not Applicable	Not Applicable

2. Provide the following information on CSR projects undertaken by your entity in designated aspirational districts as identified by government bodies:

Sr. No	State	Aspirational District	Amount spent (in ₹)
1	Rajasthan	Sirohi	16,00,000/-

3. (a) Do you have a preferential procurement policy where you give preference to purchase from suppliers comprising marginalized /vulnerable groups? (Yes/No)

In line with AESL's **Diversity, Equity & Inclusion policy** & **Supply chain Procurement policy**, we provide equal opportunities for all, regardless of their background.

AESL is a Power sector company, and the sector is heavily regulated. A company like us needs to adhere to strict safety and quality standards. Therefore, have restricted ability to diversify our procurement practices.

The company primarily deals with procurement of raw materials (like coal, LDO etc.), machinery, and technology that are specific to power generation, Transmission, and distribution. These are usually procured from specialized suppliers, which generally are not necessarily owned or operated by marginalized or vulnerable groups. However, the company sources all good and services following non-discrimination approach and follows fair & Equal opportunity to all its suppliers / vendors partners.

The company often procures goods/services locally due to logistical reasons. If there's a lack of suppliers from marginalized/vulnerable groups in these areas, it might not be feasible for the company to procure from such groups.

The company supports marginalized/vulnerable groups through hiring practices, community outreach programs, and corporate social responsibility (CSR) initiatives. The company promotes inclusivity and social responsibility in several ways through:

1. **Diverse Hiring Practices:** AESL ensures that the hiring practices are inclusive, providing equal opportunities for all, regardless of their background.
2. **Supplier Diversity:** While the nature of the power sector might limit the ability to procure from marginalized/vulnerable groups, AESL still strives for diversity in their procurement practices where possible.
3. **Community Development:** AESL operates near local communities at some sites. Hence, AESL contributes to the development of these communities through various initiatives, such as awareness, infrastructure development, education programs, sustainable livelihood, and healthcare facilities.

The company currently uses local community through contractors for back office operations and maintenance, also have preference for female employees for office related works. Currently ~20% females contract workforce is deployed @ Head office.

(b) From which marginalized /vulnerable groups do you procure?

AESL has equal opportunities for all, regardless of their background hence, this metric is not tracked.

(c) What percentage of total procurement (by value) does it constitute?

AESL has equal opportunities for all, regardless of their background hence, this metric is not tracked.

4. Details of the benefits derived and shared from the intellectual properties owned or acquired by your entity (in the current financial year), based on traditional knowledge:

Sr. No.	Intellectual Property based on traditional knowledge	Owned/ Acquired (Yes/No)	Benefit shared (Yes / No)	Basis of calculating benefit share
	Nil	Nil	Nil	Nil

5. Details of corrective actions taken or underway, based on any adverse order in intellectual property related disputes wherein usage of traditional knowledge is involved.

Name of authority	Brief of the Case	Corrective action taken
Not Applicable as no adverse order in intellectual property related disputes wherein usage of traditional knowledge is involved		

6. Details of beneficiaries of CSR Projects:

Sl. No.	CSR Project	No. of persons benefited from CSR Projects	% of beneficiaries from vulnerable and marginalized groups
1	Meri Sangini Meri Margdarshika - AESL (cluster – I @Jalore/ Sirohi, Rajasthan)	10,770	Not Identified
2	Meri Sangini Meri Margdarshika - AESL (cluster – II @ Nagpur, Maharashtra)	4,878	Not Identified
3	Sustainable Livelihood Programs @ ADTPS Dahanu tribal belt (Wadi Development, Swabhiman center)	2,112	100%
4	Community Development Program @ ADTPS Dahanu tribal belt (Samajik Suraksha Labh Abhijan)	5,319	100%
5	Sustainable Livelihood Development @ AEML ('Swabhimaan' in Mira Road and Malad - Malwani areas)	4,595	100%
6	Education @ AEML (Uththan – Mumbai with BMC schools)	10,240	Not Identified

PRINCIPLE 9 Businesses should engage with and provide value to their consumers in a responsible manner.

Essential Indicators

1. Describe the mechanisms in place to receive and respond to consumer complaints and feedback.

Ensuring timely and efficient resolution of stakeholder concerns is of utmost importance to our business continuation at AESL. Well-established protocols are in place to handle consumer complaints and feedback. Our web-enabled Customer Grievance Redressal Mechanism is a consumer-friendly complaint registration and tracking system. Complaints can be lodged on the web-portal by duly filling in the necessary information in the prescribed format with an undertaking. The complaints are automatically escalated to the next level in case they are not responded to within the defined timelines against each level of escalation.

2. Turnover of products and/ services as a percentage of turnover from all products/service that carry information about:

	As a percentage to total turnover
Environmental and social parameters relevant to the product	100% Environmental aspect disclosed for consumers availing green tariff. Social aspects related to Tariff Structure such as tariff order issuance, average billing rate, and cost of supply disclosed on website.
Safe and responsible usage	100% through various Awareness campaigns conducted by the company through print, social media, emails, SMS, WhatsApp, websites videos etc. End consumers are made informed for SAFE and responsible usage of the Electricity service provided by AESL. Timely SAFETY reminders during season events such as monsoons, festivals like Uttarayan, Holi, Diwali etc.
Recycling and/or safe disposal	Not applicable owing to the nature of the Company's product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity].

3. Number of consumer complaints in respect of the following:

	FY 2023-24 (Current Financial Year)			FY 2022-23 (Previous Financial Year)		
	Received during the year	Pending resolution at end of year	Remarks	Received during the year	Pending resolution at end of year	Remarks
Data privacy	0	0	Refer note 1	0	0	Refer note 1
Advertising	0	0		0	0	
Cyber-security	0	0	Refer note 2	0	0	Refer note 2
Delivery of essential services	4,83,218	0	Refer note 3	4,72,593	0	Refer note 3
Restrictive Trade Practices	0	0		0	0	
Unfair Trade Practices	0	0		0	0	
Other	57,871	0	Refer note 4	65,696	0	Refer note 4

Note 1: No complaint w.r.t. Data privacy received from consumers of Retail division @ Mumbai & Mundra.

Note 2: No complaint w.r.t. cyber security received from consumers of Retail division @ Mumbai & Mundra.

Note 3: No. of supply related complaints received from consumers of Retail division @ Mumbai & Mundra.

Note 4: General Service related complaints received from consumers of Retail division @ Mumbai & Mundra.

4. Details of instances of product recalls on account of safety issues:

Not Applicable due to the peculiar nature of product

	Number	Reasons for recall
Voluntary recalls	Owing to the nature of the Company's product/service offerings [Generation Transmission & Distribution of Electricity], recalls are not applicable.	
Forced recalls		

5. Does the entity have a framework/ policy on cyber security and risks related to data privacy? (Yes/No) If available, provide a web-link of the policy.

Yes, we have an **information security policy** in place that is consistent with our commitment to establishing and enhancing cybersecurity preparedness and minimizing exposure to related risks.

The B2C business of the company, i.e. Adani Electricity Mumbai Limited is certified with ISO-27001 Certified Information Security Management system has been established conforming to the ISO-27001:2013 standard.

6. Provide details of any corrective actions taken or underway on issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services.

No corrective actions required to be taken by the company w.r.t. on issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services due to proactive customer centric voluntary initiatives are undertaken being an essential service provider to educate the consumers w.r.t. safety during monsoon, festive season etc., energy efficiency programs are run through emails, SMS, roadshows, kiosks for energy efficient products and appliances.

AESL have also taken the following steps to secure customer data.

The Company has established a robust cyber security policy and adheres to the requirements of international standards like ISO 27001 for cyber security. Periodic cyber security training and awareness communication is used to make the employees aware about the cyber risk. Cutting edge technology controls like firewalls, secure web gateway, secure email gateway, EDR (endpoint detection and response), etc are deployed to protect the technology infrastructure. The Company has a centralized Cyber security operation centre which is the single point of contact for incident detection and response. This centre is operational round the clock and monitors the technological landscape of the organization.

Cyber security awareness for customers

- 1) AEML created flyers which were circulated through email educating customers on cyber threats through Phishing, Vishing and SMSing.
- 2) AEML created an awareness video clip which was circulated on visual media on various security measures to be taken by customers against cyber threats.
- 3) AEML circulated text messages through WhatsApp, SMS to create cyber security awareness.

Measures taken on Cyber security and Data Privacy of customers.

- 1) Data encryption while data is at REST and in Motion.
- 2) Masking of customer PII data
- 3) Annual IT and OT Cyber security assessment through Cert-In empaneled vendor

7. Provide the following information relating to data breaches:

- a. Number of instances of data breaches along-with impact: 0
- b. Percentage of data breaches involving personally identifiable information of customers: 0%
- c. Impact, if any, of the data breaches: NIL

Leadership Indicators

1. Channels / platforms where information on products and services of the entity can be accessed (provide web link, if available).

The details of our services can be accessed on our [website](#).

2. Steps taken to inform and educate consumers about safe and responsible usage of products and/or services.

We publish newspaper advertisements, circulate emails, tips on the bills and drive SMS campaigns to inform consumers regarding safe and responsible usage of power. Additionally, safety related tips are regularly published for consumers during monsoon season, festive season. Social media platforms are also used.

3. Mechanisms in place to inform consumers of any risk of disruption/ discontinuation of essential services.

SMS & WhatsApp alerts are configured in the system and consumers are informed pro-actively in case of planned and or unplanned power outages.

In case of planned outages, Notices are also issued to the customers

4. Does the entity display product information on the product over and above what is mandated as per local laws? (Yes/No/Not Applicable) If yes, provide details in brief. Did your entity carry out any survey with regard to consumer satisfaction relating to the major products / services of the entity, significant locations of operation of the entity or the entity as a whole? (Yes/No)

The product information required to be provided over and above what is mandated as per local laws is not applicable Owing to the nature of the Company’s product/service offerings [Generation and or Purchase, Transmission & Distribution of Electricity], Hence, the display of product information is not applicable.

However, Customer availing green tariff are communicated through Monthly bills about the environmental impact avoided due to their actions.

The customer satisfaction survey is carried out by an external agency for consumers for the services provided. Feedback regarding different services like New Connection, Customer Services, Bill Delivery, Bill Complaints Attending, Self Service Options (Website, Mobile App, Chatbot etc.) are being taken from consumers of Retail electricity distribution division of the company.

Customer satisfaction survey scores for Mumbai Distribution area

	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24
Satisfied customers	83.75%	58.75%	71.95%	84.00%	79%

The company also monitors and proactively discloses the Customer Average Interruption Duration Index (CAIDI).

Adani Electricity serves 3.18 million customers in Mumbai Suburbs to ensure uninterrupted power supply and quality of life for its citizens. Customers interact with AEML channels for various requests, inquiries and complaints related to supply, billing, payment, and application processing.

Collection of Customer Feedback is therefore an important aspect of operations and is deployed across service channels as below:

- Contact Centre- Agent Interactions, wherein agent takes feedback on First Time resolutions.
- Post Transaction feedback for Call and Email: Where a customer provides a star rating based upon his experience.
- Walk-in experience at AEML Kiosks
- Post transaction feedback on Key Full-Service Self-Help channels like Chatbot and Mobile App
- AEML has also measured satisfaction for process wise feedback through third party research agencies. From the current year, AEML has moved to the Net Promoter Score method where both NPS as well as Transactional NPS will be measured and tracked for ongoing improvements.
- AEML also has Customer Contact programmes for bulk customers to gather feedback through personal contact, for meeting personalized requirements of high-end users.
- With the above feedback gathering mechanisms, AEML receives around 50000 feedback monthly, including those during First Time resolution interactions as well as post transaction feedback submitted.

AEML uses feedback data for KRA setting and operational scorecards, as well as carrying out day to day improvements.

Given that the current feedback levels are at 2% of customer base monthly, AEML strives to enhance the scope of feedback management through following initiatives:

- Going Multilingual
 - AEML has commenced feedback messages in visual and multilingual form.
 - Using QR Codes for Quick and easy feedback collection



- Adopting AI
 - AEML will deploy sentiment analysis, text analytics and voice AI for 100% measurement of customer conversation sentiments, to eliminate dependency on response rate and bring in rich analytical insights on customer feedback. This will be a part of the Conversational AI rollout for AEML's omnichannel services automation.
 - Using Data Lake
 - AEML currently uses Data Lake for analyzing customer complaint data to pre-empt potential complaining customers.
 - Furthermore, Sentiment data will be utilized in Data Lake to profile dissatisfied customers and create processes to analyze and improve their experience.

From current 2% feedback levels which help make operational improvements, AEML strives to deploy technology to cover nearly 100% customer interactions.

Further, from feedback collection and analysis the process will move towards intelligent insights using data lake tools for agile responses to customer needs.



Independent Assurance Statement

The Directors and Management
Adani Energy Solutions Limited,
“Adani Corporate House”, Shantigram,
Near Vaishnodevi Circle, SG Highway, Khodiyar, Ahmedabad – 382 421, Gujarat, India

Adani Energy Solutions Limited (hereafter 'AESL') commissioned TUV India Private Limited (TUVI) to conduct independent external reasonable assurance of BRSR disclosures and non-financial information (Essential and Leadership indicators) as stipulated in SEBI [circular SEBI/HO/CFD/CFD-SEC-2/P/CIR/2023/122, dated 12/07/2023](#). AESL developed the Business Responsibility and Sustainability Report (hereinafter 'the BRSR') for the period April 01, 2023, to March 31, 2024. The BRSR is based on the National Guidelines on Responsible Business Conduct (NGRBC), [SEBI circular: SEBI/HO/CFD/CMD-2/P/CIR/2021/562, dated 10/05/2021](#) followed by the [notification number SEBI/LAD-NRO/GN/2023/131, dated 14/06/2023](#) pertaining to Business Responsibility and Sustainability Report (BRSR) requirement. This assurance engagement was conducted in reference to BRSR, the terms of our engagement and ISAE 3000 (Revised) requirement.

Management's Responsibility

Adani Energy Solutions Limited has developed the BRSR's content pertaining to the Core disclosures (09 attributes as per Annexure I - Format of BRSR Core and non-core disclosures (as per Annexure II of BRSR format). Adani Energy Solutions Limited management is responsible for carrying out the collection, analysis, and disclosure of the information presented in the BRSR (web-based and print), including website maintenance, integrity, and for ensuring its quality and accuracy in reference with the applied criteria stated in the BRSR, such that it's free of intended or unintended material misstatements. AESL will be responsible for archiving and reproducing the disclosed data to the stakeholders and regulators upon request.

Scope and Boundary

The scope of work includes the **Reasonable assurance** of the following [09 attributes as per Annexure I - Format of BRSR Core](#) and **Limited assurance** of Non-core disclosures as per BRSR Annexure-II (https://www.sebi.gov.in/sebi_data/commndocs/jul-2023/Annexure-II-Updated-BRSR_p.PDF) disclosed in the BRSR report. The BRSR core requirements encompass essential disclosures pertaining to organization's Environmental, Social and Governance (ESG). In particular, the assurance engagement included the following:

- i. A thorough examination of the AESL's data, processes and controls of [09 attributes as per Annexure I - Format of BRSR Core](#) and non-core disclosures as per BRSR Annexure-II (https://www.sebi.gov.in/sebi_data/commndocs/jul-2023/Annexure-II-Updated-BRSR_p.PDF) submitted by AESL
- ii. To confirm the completeness and accuracy of AESL's data
- iii. Review of evidence (on a random samples) for all 9 principles and its KPI

TUVI has verified the below [09 attributes as per Annexure I - Format of BRSR Core](#) disclosed in the BRSR

Attributes	KPI
Green-house gas (GHG) footprint Boundary: Scope 1 Boundary-Consumption from all domestic and international vendors are part of financial statement. Scope 2 Boundary- All corporate locations	Organization's scope 1 (tCO2e) emissions include: Coal fired in boilers, Diesel Consumed by DG, Diesel Consumed by company owned equipment, Diesel Consumed by company owned vehicle Petrol Consumed by company owned vehicle, Light Diesel oil consumption, SF6 Consumption due to leakage/top up, LPG consumption, Refrigerant [R-410A], Fire Extinguisher Total Scope 2 emissions (with breakup by type, if available) - GHG (CO2e) Emission in Mn MT / KT / MT Indirect emissions from the generation of energy that is purchased from a utility provider Organization's scope 2 emissions are from imported electricity. GHG Emission Intensity (Scope 1+2) (Total Scope 1 and Scope 2 emissions (MT) / Total revenue from operations adjusted for PPP
Water footprint Boundary - Covers all plants, sub stations and corporate locations.	Total volume of water consumption (in kilolitres) - Water discharge by destination and levels of Treatment (KL) Water consumption intensity- KL/ Total Revenue from operations adjusted for PPP
Energy footprint	Total energy consumed - Energy consumed through renewable sources / total energy consumed % Energy Intensity -GJ/ Rupee adjusted for PPP
Embracing circularity - details related to waste management by the entity	Plastic waste (A), E-waste (B), Bio-medical waste (C), Construction and demolition waste (D), Batter waste, (E) Radioactive waste, (F) Other Hazardous waste. Please specify, if any. (G) (MT) Particularly Containers/ Barrels/ Drums Misc. Waste, Oil-soaked solid waste, Organic waste, Used/ Spent Oil, Wooden Scrap, Total (other) Hazardous Waste Other Non-hazardous waste generated (H). Please specify, if any. (Break-up by composition i.e., by materials relevant to the sector) (MT) Containers/ Barrels/ Drums, Ferrous scrap, Metallic scrap, Misc. waste, Non-ferrous scrap. Organic waste, Rubber scrap, Spent Resins, Wooden scrap and total (other) Non- Hazardous Waste Waste intensity MT/Rupee adjusted for PPP

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	Each category of waste generated, total waste recovered through recycling, re-using or other recovery options. 1. Recycled- 2. Reused- Total waste recovered through recycling, re-using or other recover options Each category of waste generated, total waste recovered through recycling, re-using or other recover option Intensity For each category of waste generated, total waste disposed by nature of disposal method. 1. Incineration- 2) Landfilling Total waste disposed by nature of disposal method- For each category of waste generated, total waste disposed by nature of disposal method Intensity
Enhancing Employee Wellbeing and Safety	Details of safety related incidents for employees and workers - Number of Permanent Disabilities No Permanent disabilities in FY 23-24 Details of safety related incidents for employees and workers - Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked), Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked) in FY 23-24: Details of safety related incidents for employees and workers - No. of fatalities- No fatalities in FY 23-24 Spending on measures towards well- being of employees and workers- cost incurred as a % of total revenue
Enabling Gender Diversity in Business	Gross wages aid to females % of wages aid. 1) Complaint was made on Sexual Harassment (POSH) on women at workplace was reported in FY 23-24 2) Complaints on POSH as a % of female employees / workers was reported in FY 23-24 3) No complaints on POSH upheld in FY 23-24
Enabling Inclusive Development	Input material sourced from following sources as % of total purchases - Directly sourced from MSMEs/ small Producers and from within India Job creation in smaller towns - Wages paid to persons employed in smaller towns (permanent or non- permanent /on contract) as % of total wage at. Rural, Semi- urban, Urban and Metropolitan locations
Fairness in Engaging with Customers and Suppliers	Instances involving loss / breach of data of customers as a percentage of total data breaches or cyber security events (%) - None. Number of consumer complaints related to Data privacy, Advertising, Cyber- security, Delivery of essential services, Restrictive Trade Practices, Unfair Trade Practices and Other [General Service related complaints received from consumers]. Number of da s of accounts Payable Cost of goods/services procured
Open-ness of business	Purchase from trading houses as % of total purchases- Number of trading houses where purchases are made from- Purchases from to 10 trading houses as % of total purchases from trading houses- Sales to dealers / distributors as % of total sales- Sales to dealers / distributors as % of total sales- Number of dealers / distributors to whom sales are made- Sales to top 10 dealers / distributors as % of total sales to dealers / distributors- Share of RPTs (as respective %age) in - Purchases, Sales, Loans & advances, Investments

The reporting boundaries for the above attributes include 52 Operational sub-stations & transmission lines, 1 Thermal Generation site @ Dahanu, 8 Transmission and distribution clusters of Retail division @ Mumbai & Mundra and ongoing project locations across the country India. An on-site verification was conducted at Mumbai office, Ahmedabad Corporate head office and Dahanu plant from the month of February 2024 to April 2024.

Principles	Essential Indicators	Leadership Indicators
Principle 1: Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable.	1,2,3,4,5,6,7	1,2
Principle 2: Businesses should provide goods and services in a manner that is sustainable and safe.	1,2,3,4,	1,2,3,4,5
Principle 3: Businesses should respect and promote the well-being of all employees, including those in their value chains.	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	1,2,3,4,5,6
Principle 4: Businesses should respect the interests of and be responsive to all its stakeholders.	1,2	1,2,3
Principle 5: Businesses should respect and promote human rights.	1,2,3,4,5,6,7,8,9,10	1,2,3,4,5
Principle 6: Businesses should respect and make efforts to protect and restore the environment.	1,2,3,4,5,6,7,8,9,10	1,2,3,4,5,6,7,8
Principle 7: Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent.	1,2	1
Principle 8: Businesses should promote inclusive growth and equitable development.	1,2,3,4	1,2,3,4,5,6
Principle 9: Businesses should engage with and provide value to their consumers in a responsible manner	1,2,3,4,5,6	1,2,3,4,5

Onsite Verification: Adani Energy Solutions Limited “Adani Corporate House”, Shantigram, Near Vaishnodevi Circle, SG Highway, Khodiyar, Ahmedabad – 382 421, Gujarat, India. The assurance activities were carried out together with a desk review as per reporting boundary.

Limitations

TUVI did not perform any assurance procedures on the prospective information disclosed in the Report, including targets, expectations, and ambitions. Consequently, TUVI draws no conclusion on the prospective information. During the assurance process, TUVI didn't verified any

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ESG goals and claim through this assignment. TUVI verified data on a sample basis; the responsibility for the authenticity of data entirely lies with AESL. Any dependence of a person or third party may place on the BRSR Report is entirely at its own risk. TUVI has taken reference to the financial figures from the audited financial reports. AESL will be responsible for the appropriate application of the financial data. While the provided data offers comprehensive insights into waste management practices at both the Dahanu and Adani Mumbai sites, there are a few limitations and areas where further information or clarification would be beneficial: While the data outlines the total amount of waste disposed through landfilling, recycling, or incineration, it lacks the specific information from the vendors on the methods and facilities used for the disposal methods. Undertaking from the vendor of the waste disposal method would enhance the transparency and allow the better evaluation of environmental impacts.

Our Responsibility

TUVI's responsibility in relation to this engagement is to **perform a reasonable level of assurance** and to express a conclusion based on the work performed. Our engagement did not include an assessment of the adequacy or the effectiveness of Adani's strategy, management of ESG-related issues or the sufficiency of the Report against BRSR reporting principles, other than those mentioned in the scope of the assurance. TUVI's responsibility regarding this verification is in reference to the agreed scope of work, which includes assurance of non-financial quantitative and qualitative information (*09 attributes as per Annexure I - Format of BRSR Core*) disclosed by AESL. Reporting Organization is responsible for archiving the related data for a reasonable time period. This assurance engagement is based on the assumption that the data and information provided to TUVI by AESL are complete and true. The intended users of this assurance statement are the management of 'AESL'. The data is verified on a sample basis, the responsibility for the authenticity of data lies with the reporting organization. Reporting Organization is responsible for archiving the related data for a reasonable time period. TUVI expressly disclaims any liability or co-responsibility 1) for any decision a person or entity would make based on this assurance statement and 2) for any damages in case of erroneous data is reported. This assurance engagement is based on the assumption that the data and information provided to TUVI by AESL are complete and true.

Verification Methodology

During the assurance engagement, TUVI adopted a risk-based approach, focusing on verification efforts with respect to disclosures. TUVI has verified the disclosures and assessed the robustness of the underlying data management system, information flows, and controls. In doing so:

- a) TUVI examined and reviewed the documents, data, and other information made available by AESL
- b) TUVI conducted interviews with key representatives, including data owners and decision-makers from different functions of AESL
- c) TUVI performed sample-based reviews of the mechanisms for implementing the sustainability-related policies and data management (qualitative and quantitative)
- d) TUVI reviewed the adherence to reporting requirements of "BRSR"

Opportunities for Improvement

The following are the opportunities for improvement reported to AESL. However, they are generally consistent with AESL management's objectives and programs. AESL has already identified the topics below and Assurance team endorses the same to achieve the Sustainable Goals of organization.

- i. AESL may strengthen its internal reporting by opting for an IT Enabled-based data management system and complement the same with periodic internal data and performance reviews.
- ii. AESL may opt for the principles of standard ISO 26000 - Social Responsibility

In the context of BRSR requirements set by SEBI, addressing conflict of interest is crucial to maintain high integrity and independence of assurance engagements. As per SEBI guidelines, assurance providers need to disclose any potential conflict of interest that could compromise the independence or neutrality of their assessments. TUVI diligently identifies any relationships, affiliations, or financial interests that could potentially cause conflict of interest. We proactively implement measures to mitigate or manage these conflicts, ensuring independence and impartiality in our assurance engagements. We provide clear and transparent disclosures about any identified conflicts of interest in our assurance statement. We recognize that failure to address conflict of interest adequately could undermine the credibility of the assurance process and the reliability of the reported information. Therefore, we strictly adhere to SEBI guidelines and take necessary measures to avoid, disclose, or mitigate conflicts of interest effectively.

Our Conclusion

In our opinion, based on the scope of this assurance engagement, the disclosures on BRSR Core KPI described in the BRSR report along with the referenced information provides a fair representation of the 9 attributes, and meets the general content and quality requirements of the BRSR. TUVI confirms its competency to conduct the assurance engagement for the BRSR as per SEBI guidelines. Our team possesses expertise in ESG verification, assurance methodologies, and regulatory frameworks. We ensure independence, employ robust methodologies, and maintain continuous improvement to deliver reliable assessments.

Disclosures: TUVI is of the opinion that the reported disclosures generally meet the BRSR requirements. AESL refers to general disclosure to report contextual information about AESL, while the Management & Process disclosures the management approach for each indicator (*09 attributes as per Annexure I - Format of BRSR Core*).

Reasonable Assurance: As per SEBI reasonable assurance requirements including scope of Assurance, Assurance methodologies (risk-

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based approach and data validation techniques), mitigating conflicts of interests, documentation on evidence and communication on findings, TUVI can effectively validate the accuracy and reliability of the information presented in the BRSR, instilling confidence in stakeholders and promoting transparency and credibility in ESG reporting practices.

BRSR complies with the below requirements

- Governance, leadership and oversight:** The messages of top management, business model to promote inclusive growth and equitable development, action and strategies, focus on products, risk management, protection and restoration of environment, and priorities are disclosed appropriately.
- Connectivity of information:** AESL discloses [09 attributes as per Annexure I - Format of BRSR Core](#) and their inter-relatedness and dependencies with factors that affect the organization's ability to create value over time.
- Stakeholder responsiveness:** The Report covers mechanisms of communication with key stakeholders to identify major concerns to derive and prioritize the short, medium and long-term strategies. The Report provides insights into the organization's relationships (nature and quality) with its key stakeholders. In addition, the Report provides a fair representation of the extent to which the organization understands, takes into account and responds to the legitimate needs and interests of key stakeholders.
- Materiality:** The material issues within 9 attributes and corresponding KPI as per BRSR requirement are identified and reported properly.
- Conciseness:** The Report reproduces the requisite information and communicates clear information in as few words as possible. The disclosures are expressed briefly and to the point sentences, graphs, pictorial, tabular representation is applied. At the same time, due care is taken to maintain continuity of information flow in the BRSR.
- Reliability and completeness:** AESL has established internal data aggregation and evaluation systems to derive the performance. AESL confirm that, all data provided to TUVI, has been passed through QA/QC function. The majority of the data and information was verified by TUVI's assurance team (on sample basis) during the BRSR verification and found to be fairly accurate. All data is reported transparently, in a neutral tone and without material error.
- Consistency and comparability:** The information presented in the BRSR is on yearly basis. and found reliable and complete manner. Thus, the principle of consistency and comparability is established.

Independence and Code of Conduct: TUVI follows IESBA (International Ethics Standards Board for Accountants) Code which, adopts a threats and safeguards approach to independence. We recognize the importance of maintaining independence in our engagements and actively manage threats such as self-interest, self-review, advocacy, and familiarity. The assessment team was safeguarded from any type of intimidation. By adhering to these principles, we uphold the trust and confidence of our clients and stakeholders. In line with the requirements of the SEBI [circular SEBI/HO/CFD/CFD-SEC-2/P/CIR/2023/122, dated 12/07/2023](#), TUVI confirms that there is no conflict of interest with AESL. TUVI solely focuses on delivering verification and assurance services and does not engage in the sale of service or the provision of any non-audit/non-assurance services, including consulting.

Quality control: The assurance team complies with quality control standards, ensuring that the engagement partner possesses requisite expertise, and the assigned team collectively has the necessary competence to perform engagements in reference to standards and regulations. Assurance team follows the fundamental principles of integrity, objectivity, professional competence, due care, confidentiality, and professional behaviour. In accordance with International Standard on Quality Control, TUVI maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

Our Assurance Team and Independence

TUVI is an independent, neutral third-party providing ESG Assurance services with qualified environmental and social specialists. TUVI states its independence and impartiality and confirms that there is "no conflict of interest" with regard to this assurance engagement. In the reporting year, TUVI did not work with AESL on any engagement that could compromise the independence or impartiality of our findings, conclusions, and observations. TUVI was not involved in the preparation of any content or data included in the BRSR, with the exception of this assurance statement. TUVI maintains complete impartiality towards any individuals interviewed during the assurance engagement.

For and on behalf of TUV India Private Limited



Manojkumar Borekar
Product Head - Sustainability Assurance Service
TUV India Private Limited



Date: 24/05/2024
Place: Mumbai, India
Project Reference No: 8122416141

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