



JSW Energy Limited

Regd. Office : JSW Centre
Bandra Kurla Complex
Bandra (East), Mumbai - 400 051

CIN: L74999MH1994PLC077041
Phone: 022 – 4286 1000
Fax: 022 – 4286 3000
Website: www.jsw.in

SEC / JSWEL
12th June, 2024

BSE Limited Phiroze Jeejeebhoy Towers Dalal Street Mumbai - 400 001 Scrip Code: 533148	National Stock Exchange of India Limited “Exchange Plaza” Bandra - Kurla Complex, Bandra (E) Mumbai - 400 051 Scrip Code: JSWENERGY- EQ
--	---

Sub: Business Responsibility and Sustainability Report for the Financial Year 2023-24

Ref: Regulation 34(2)(f) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 ('Listing Regulations')

Dear Madam / Sir,

Pursuant to Regulation 34(2)(f) of the Listing Regulations, please find attached the Business Responsibility and Sustainability Report for the Financial Year 2023-24, which also forms a part of the Integrated Annual Report for the Financial Year 2023-24.

Yours faithfully,

For **JSW Energy Limited**

Monica Chopra
Company Secretary



Part of O. P. Jindal Group



BUSINESS RESPONSIBILITY AND SUSTAINABILITY REPORT

SECTION A – GENERAL DISCLOSURES

I. Details of the listed entity:

1. **Corporate Identity Number (CIN) of the Listed Entity** - L74999MH1994PLC077041
2. **Name of the Listed Entity** - JSW Energy Limited
3. **Year of incorporation** -1994
4. **Registered office address** - JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051
5. **Corporate address** - JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051
6. **E-mail** - jswel.investor@jsw.in
7. **Telephone** - +91 22 42861000
8. **Website** - www.jsw.in
9. **Financial year for which reporting is being done** - 2023-2024
10. **Name of the Stock Exchange(s) where shares are listed** -
 1. BSE Limited
 2. National Stock Exchange of India Limited
11. **Paid-up Capital** - ₹ 16,44,67,56,680
12. **Name of contact details (telephone, email address) of the person who may be contacted in case of any queries on the BRSR Report**
 - a) **Director responsible for BRSR:** Mr. Sharad Mahendra
Joint Managing Director & CEO
DIN: 02100401
Email: jswel.investor@jsw.in
Phone: 022-42861000
 - b) **BRSR Head:** Mr. Aditya Agarwal
Head-Renewable
Email: jswel.investor@jsw.in
Phone: 022-42861000
 - c) **Supported By:** Mr. Prabodha Acharya
Group Chief Sustainability Officer
E-mail: prabodha.acharya@jsw.in
Phone: 022-42861000
13. **Reporting boundary** - Consolidated Basis
14. **Name of assurance provider** - Bureau Veritas (India) Pvt. Ltd.
15. **Type of assurance obtained** - Reasonable Assurance

II. Products and Services

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

S. No	Description of Main Activity	Description of Business Activity	% of Turnover of the entity
1	Generation Transmission and Trading of Renewable and Thermal Power	Production of Power / Electricity	100.00%

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

S. No.	Product / Service	NIC Code	% of total Turnover contributed
1	Electricity / Power	351	100.00%

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	52	15	67
International	0	1	1

19. Markets served by the entity:

a. Number of locations

Locations	Number
National (No. of States)	14
International (No. of Countries)	1

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

- c. A brief on types of customer** - The Company is a leading provider of energy solutions, catering to a diverse portfolio of business clients, with a primary focus on state distribution companies. As a dynamic player in the energy sector, the company specializes in delivering tailored energy services to a range of B2B customers, including numerous distribution utilities, designated nodal agencies, Commercial & Industrial enterprises.

IV. Employees

20. Details as at the end of Financial Year:

a. Employees and workers (including differently abled):

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
EMPLOYEES						
1.	Permanent (D)	2,500	2,376	95.04%	124	4.96%
2.	Other than Permanent (E)	NIL	NIL	NIL	NIL	NIL
3.	Total employees (D + E)	2,500	2,376	95.04%	124	4.96%
WORKERS						
4.	Permanent (F)	NIL	NIL	NIL	NIL	NIL
5.	Other than Permanent (G)	5,471	5,299	96.86%	172	3.14%
6.	Total workers (F + G)	5,471	5,299	96.86%	172	3.14%

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)	6	6	100%	0	0
2.	Other than Permanent (E)	0	0	0%	0	0
3.	Total differently abled employees (D + E)	6	6	100%	0	0
DIFFERENTLY ABLED WORKERS						
4.	Permanent (F)	NIL	NIL	NIL	NIL	NIL
5.	Other than permanent (G)	NIL	NIL	NIL	NIL	NIL
6.	Total differently abled workers (F + G)	NIL	NIL	NIL	NIL	NIL

**21. Participation / Inclusion / Representation of women**

	Total (A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	11	1	9.09%
Key Management Personnel	4	1	25%

22. Turnover rate for permanent employees and workers

(Disclose trends for the past 3 years)

	FY 2023-24 Current Financial Year			FY 2022-23 Previous Financial Year			FY 2021-22 Prior to the previous FY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Permanent Employees	6.12%	0.36%	6.48%	4.79%	0.49%	5.28%	4.44%	0.32%	4.76%
Permanent Workers	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

V. Holding, subsidiary and associate companies (including joint ventures)**23. (a) 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.	JSW Energy (Barmer) Limited	Subsidiary	100%	Yes
2.	JSW Power Trading Company Limited	Subsidiary	100%	Yes
3.	JSW Energy (Raigarh) Limited	Subsidiary	100%	No
4.	JSW Neo Energy Limited	Subsidiary	100%	Yes
5.	Jaigad PowerTransco Limited	Subsidiary	74%	Yes
6.	Ind-Barath Energy (Utkal) Limited	Subsidiary	95%	Yes
7.	JSW Hydro Energy Limited	Subsidiary	100%	Yes
8.	JSW Energy (Kutehr) Limited	Subsidiary	100%	Yes
9.	JSW Renewable Energy (Vijayanagar) Limited	Subsidiary	74%	Yes
10.	JSW Renewable Energy (Amba River) Limited	Subsidiary	100%	No
11.	JSW Renewable Energy (Cement) Limited	Subsidiary	74%	Yes
12.	JSW Renewable Technologies Limited	Subsidiary	100%	No
13.	JSW Renewable Energy (Dolvi) Limited	Subsidiary	100%	No
14.	JSW Renewable Energy (Coated) Limited	Subsidiary	100%	No
15.	JSW Renew Energy (Raj) Limited	Subsidiary	100%	No
16.	JSW Renew Energy (Kar) Limited	Subsidiary	100%	No
17.	JSW Renew Energy Limited	Subsidiary	100%	Yes
18.	JSW Renew Energy Two Limited	Subsidiary	100%	Yes
19.	JSW Renew Energy Three Limited	Subsidiary	100%	No
20.	JSW Renew Energy Four Limited	Subsidiary	100%	No
21.	JSW Renew Energy Five Limited	Subsidiary	100%	No
22.	JSW Renew Energy Six Limited	Subsidiary	100%	No
23.	JSW Renewable Energy (Salem) Limited	Subsidiary	100%	No
24.	JSW Energy PSP One Limited	Subsidiary	100%	No
25.	JSW Energy PSP Two Limited	Subsidiary	100%	No
26.	JSW Energy PSP Three Limited	Subsidiary	100%	No
27.	JSW Energy PSP Six Limited	Subsidiary	100%	No
28.	JSW Energy PSP Seven Limited	Subsidiary	100%	No
29.	JSW Green Hydrogen Limited	Subsidiary	100%	No
30.	JSW Energy PSP Eight Limited	Subsidiary	100%	No
31.	JSW Energy PSP Nine Limited	Subsidiary	100%	No
32.	JSW Energy PSP Ten Limited	Subsidiary	100%	No
33.	JSW Energy PSP Eleven Limited	Subsidiary	100%	No
34.	JSW Renewable Energy (Anjar) Limited	Subsidiary	100%	No

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)
35.	JSW Renew Energy Materials Trading Limited	Subsidiary	100%	No
36.	JSW Renew C&I One Limited (w.e.f. 31.01.2024)	Subsidiary	100%	No
37.	JSW Renew C&I Two Limited (w.e.f. 14.02.2024)	Subsidiary	100%	No
38.	JSW Renew Energy Eight Limited (w.e.f. 09.02.2024)	Subsidiary	100%	No
39.	JSW Renew Energy Nine Limited (w.e.f. 07.02.2024)	Subsidiary	100%	No
40.	JSW Renew Energy Ten Limited (w.e.f. 09.02.2024)	Subsidiary	100%	No
41.	JSW Renew Energy Eleven Limited (w.e.f. 24.02.2024)	Subsidiary	100%	No
42.	JSW Renewable Energy (Salav) Limited (w.e.f. 17.01.2024)	Subsidiary	100%	No
43.	JSW Renewable Energy Dolvi Three Limited (w.e.f. 05.02.2024)	Subsidiary	100%	No
44.	Mytrah Vayu (Pennar) Private Limited	Subsidiary	100%	Yes
45.	Bindu Vayu Urja Private Limited	Subsidiary	100%	Yes
46.	Mytrah Vayu (Krishna) Private Limited	Subsidiary	100%	Yes
47.	Mytrah Vayu (Manjira) Private Limited	Subsidiary	72.62%	Yes
48.	Mytrah Vayu Urja Private Limited	Subsidiary	100%	Yes
49.	Mytrah Vayu (Godavari) Private Limited	Subsidiary	100%	Yes
50.	Mytrah Vayu (Som) Private Limited	Subsidiary	100%	Yes
51.	Mytrah Vayu (Sabarmati) Private Limited	Subsidiary	100%	Yes
52.	Mytrah Aadhya Power Private Limited	Subsidiary	100%	Yes
53.	Mytrah Aakash Power Private Limited	Subsidiary	100%	Yes
54.	Mytrah Abhinav Power Private Limited	Subsidiary	100%	Yes
55.	Mytrah Adarsh Power Private Limited	Subsidiary	100%	Yes
56.	Mytrah Agriya Power Private Limited	Subsidiary	100%	Yes
57.	JSW Advait Power Private Limited	Subsidiary	100%	Yes
58.	Mytrah Akshaya Energy Private Limited	Subsidiary	100%	Yes
59.	Nidhi Wind Farms Private Limited	Subsidiary	100%	Yes
60.	Mytrah Ainesh Power Private Limited	Subsidiary	100%	Yes
61.	Mytrah Vayu (Bhavani) Private Limited	Subsidiary	100%	Yes
62.	Mytrah Vayu (Chitravati) Private Limited	Subsidiary	100%	Yes
63.	Mytrah Vayu (Hemavati) Private Limited	Subsidiary	100%	Yes
64.	Mytrah Vayu (Kaveri) Private Limited	Subsidiary	100%	Yes
65.	Mytrah Vayu (Maansi) Private Limited	Subsidiary	100%	Yes
66.	Mytrah Vayu (Palar) Private Limited	Subsidiary	100%	Yes
67.	Mytrah Vayu (Parbati) Private Limited	Subsidiary	100%	Yes
68.	Mytrah Vayu (Sharavati) Private Limited	Subsidiary	100%	Yes
69.	Mytrah Vayu (Tapti) Private Limited	Subsidiary	100%	Yes
70.	Mytrah Tejas Power Private Limited	Subsidiary	100%	Yes
71.	Mytrah Vayu (Indravati) Private Limited	Subsidiary	100%	Yes
72.	Mytrah Vayu (Tungabhadra) Private Limited	Subsidiary	100%	Yes
73.	Mytrah Vayu (Adyar) Private Limited	Subsidiary	100%	Yes
74.	JSW Energy Natural Resources Mauritius Limited	Subsidiary	100%	No
75.	JSW Energy Natural Resources South Africa Limited	Subsidiary	100%	No
76.	Royal Bafokeng Capital (PTY) Limited	Subsidiary	100%	No
77.	Mainsail Trading 55 Proprietary Limited	Subsidiary	100%	No
78.	South African Coal Mining Holdings Limited	Subsidiary	69.44%	No
79.	SACM (Breyten) Proprietary Limited	Subsidiary	69.44%	No
80.	South African Coal Mining Operations (Pty) Limited	Subsidiary	69.44%	No
81.	Umlabu Colliery Proprietary Limited	Subsidiary	69.44%	No
82.	Toshiba JSW Power Systems Private Limited	Associate	4.64%	No
83.	Barmer Lignite Mining Company Limited	Joint Venture	49%	No

VI. CSR

24. (i) **Whether CSR is applicable as per section 135 of Companies Act, 2013:** (Yes / No) Yes
- (ii) **Turnover (in ₹)** - ₹ 11,941.34 crore
- (iii) **Net worth (in ₹)** - ₹ 20,831.74 crore

VII. Transparency and Disclosure 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)	FY 2023-24 Current Financial Year			FY 2022-23 Previous Financial Year		
		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	https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Policies/Whistle%20Blower%20Policy%20and%20Vigil%20Mechanism.pdf	0	0	NA	0	0	NA
Investors (other than Shareholders)		0	0	NA	0	0	NA
Shareholders		1	0	NA	0	0	NA
Employees and workers		0	0	NA	0	0	NA
Customers		0	0	NA	0	0	NA
Value Chain Partners		0	0	NA	0	0	NA
Other (please specify)		0	0	NA	0	0	NA

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

Please indicate material responsible business conduct and sustainability issues pertaining to environmental and social matters that present a risk or an opportunity to your business, rationale for identifying the same, approach to adapt or mitigate the risk along-with its financial implications, as per the following format

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
1	Climate Strategy	Opportunity	In view of changing climate scenario, Climate strategy is focussed on identification of the risks associated with climate change and their management. It also focussed on harnessing opportunities such as renewable energy to meet India's 2070 Net Zero commitments	NA	Positive
2	Greenhouse Gas Emissions & Energy Resource Planning	Risk	Refers to the usage of fossil fuels (lignite and others) in power generation, which contributes to GHG emissions. GHG emissions contribute to climate change and global warming.	Supply Chain Decarbonisation Programme, Carbon Capture and Storage (CCS) technologies	Negative
3	Resource Use & Management	Opportunity	JSW Energy being the power producing company use large amounts of natural capital inputs (fossil fuel) such as lignite and others in the power production process. Enhancing the resource efficiency and increasing the usage of materials with recycled and reclaimed content across business operations	NA	Positive

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
4	Life Cycle Management of Assets	Opportunity	Long-term management of assets and power plants for enhancing the reliability, product quality and operational eco-efficiency of assets. Ascertaining second life/end of life options for the assets	NA	Positive
5	Air Quality	Risk	Air quality and environment are affected due to discharge of Greenhouse gases, Ozone depleting substances (ODS), NOx and SOx into the environment. Air Quality Management refers to the organisation's strategy for reducing the emissions and increasing the operational eco-efficiency which can enhance the organisation's competitiveness through effective cost management and reduced environmental liabilities as it may have localized impacts on human health and the environment.	Installation of Flue Gas desulphurisations (FGD) units, ESP's to reduce Ash & particulate matter in flue gases, Supply Chain Decarbonisation Programme, Carbon Capture and Storage (CCS) technologies	Negative
6	Waste Management	Risk	Power plants includes the aspects on waste generation, waste disposal and the associated impacts. It also extends to enhancing the circularity measures across business operations.	Recycling, Reuse and disposal as per applicable norms	Negative
7	Water Management	Risk	Power generation is highly water-intensive, particularly for thermoelectric plants that use large quantities for cooling. Improper effluent management can harm ecosystems, freshwater quality, and community well-being. Effective water management involves careful planning, efficient distribution, optimal use, wastewater recycling, and minimizing freshwater consumption, which is crucial in water-scarce regions due to potential constraints and price volatility.	Monitoring system to assess eco-efficiency. Optimize water usage by techniques like rain water harvesting etc.	Negative
8	Biodiversity	Risk	Management and monitoring of business activities resulting in significant impacts in the protected areas or areas with high biodiversity value around the operating locations. It also entails the strategies used by an organisation for the prevention and remediation of activities leading to biodiversity loss	Biodiversity Risk Assessment and Mitigation Plans to be adopted for moving towards No Net Loss of Biodiversity	Negative
9	Labour Relations	Risk	Labor relations management involves engaging with laborers and unions, ensuring compliance with human rights, and preventing forced and child labor. It also includes addressing any severe safety and environmental violations by the company or its suppliers.	focused governance structure to oversee practices and concerns pertaining to this aspect. Third party human rights assessment, Whistle-blower Committee and compliance training covering human rights	Negative
10	Occupational Health and Safety	Risk	Power generation operations can present significant health and safety risks such as risk associated with operating heavy machinery, electrocution risk, etc. to employees and workers working at power plants.	Zero tolerance policy for safety breaches and risk awareness programmes	Negative



S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
11	Economic Performance	Opportunity	The company's economic performance includes the economic value generated and distributed (EVG&D), defined benefit plan obligations, government financial assistance, and the financial implications of climate change. This performance reflects the company's economic health, management effectiveness, and offers insights into future outlook and growth prospects.	NA	Positive
12	Business Model Resilience	Opportunity	Business model resilience measures an organization's ability to swiftly respond and adapt to disruptions or unplanned changes that could threaten its operations, people, assets, brand, or reputation. Given the multitude of risks businesses face today, it is crucial to analyze potential threats and prepare mitigation strategies in advance to minimize their impact.	NA	Positive
13	Technology, Product and Process innovation	Opportunity	Technology, product, and process innovation are crucial for companies to sustain growth in changing times, offering a competitive edge. These innovations enhance resource efficiency, reduce environmental impact, ensure safer working conditions, and create new market opportunities.	NA	Positive
14	Responsible Investment	Opportunity	Responsible investment involves integrating Environmental, Social, and Governance (ESG) considerations into investment decisions. This approach benefits the environment and society while offering attractive returns for investors. ESG-focused investments are increasingly appealing to those seeking to make a positive impact and achieve financial gains.	NA	Positive
15	Opportunities in Renewable Energy	Opportunity	With renewables projected to constitute 30% of global electricity by 2024 and India targeting a 50% non fossil based energy share by 2030, transitioning to renewables is crucial for energy companies to align with sustainability goals and capitalize on the growing green energy market.	NA	Positive
16	Digitalisation and Automation	opportunity	Digitalisation and automation help companies to digitize routine processes, streamline workflows, operate faster, reduce costs, and improve productivity and efficiency. It may also help in providing transparent, faster, and timely services to customers.	NA	Positive
17	ESG-based ERM	Opportunity	ESG issues matter more than ever to investors, customers, stakeholders, employees, communities, and regulators. Strong ESG performance can lead to greater access to capital, talent, and business opportunities.	NA	Positive
18	End use efficiency and demand	Opportunity	Promoting energy efficiency reduces greenhouse gas emissions and operating costs for utilities, making it a cost-effective strategy for sustainability and financial savings. By offering incentives, education, and technology, utilities can empower consumers to save energy and reduce peak demand.	NA	Positive

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. At the company, we have a robust management framework in place which enables us to align with the NGRBC Principles with respect to structure and policies to ensure we continue to deliver our best in an ethical, and responsible way. This encompasses transparent and principled business practices that hold us accountable, as well as protect the interests of our stakeholders, including customers and employees.

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

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.jsw.in/investors/energy/jsw-energy-sustainability-policies								
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.	<ul style="list-style-type: none"> • ISO 9001, ISO 14001, ISO45001, ISO 50001, ISO26000 • IFC Performance Standards • OECD Guidelines • UNGC, guidelines • ILO Principles, ILO Convention on Human Rights • Report on Affirmative Action by CII • National Action Plan on Climate Change • National Environmental Policy • UN Sustainable Development Goals • Global Reporting Initiative • Carbon Disclosure Project (CDP) • Dow Jones Sustainability Index (DJSI) • TCFD (Task Force on Climate Disclosure related Financial Disclosures) 								
5. Specific commitments, goals and targets set by the entity with defined timelines, if any.	The Company is committed to achieving net-zero emissions by 2050, leveraging cutting-edge carbon-free technologies in renewable energy, energy storage, and green hydrogen. As part of its ambitious vision, the Company aims to reach 20 GW of operational capacity by 2030. This goal will be met by strategically expanding its presence in the renewable energy sector through a balanced mix of organic growth and strategic acquisitions. By adopting a methodical and innovative approach, the Company is poised to lead the transition to a sustainable energy future.								
6. Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.	In order to become Net Zero by 2050, the organization has set Targets for Environment Sustainability through its 'TEN Commitments' which is available on the website. More specific and quantified targets for the Environment Sustainability are provided in the Annual Integrated Report of the Organisation under the Sustainability reporting. The FY 2020 baseline and FY 2024 performance can be seen in the table provided in the Integrated Report Sustainability report section.								



Disclosure Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
Governance Leadership and Oversight									
7. Statement by director responsible for the business responsibility report, highlighting ESG related challenges, targets and achievements (listed entity has flexibility regarding the placement of this disclosure)	Refer to Message from Chairman and Managing Director on Page number 32								
8. Details of the highest authority responsible for implementation and oversight of the Business Responsibility policy (ies).	The Sustainability Committee of the Board is responsible for implementation and oversight of the BR policies.								
9. Does the entity have a specified Committee of the Board / Director responsible for decision making on sustainability related issues? (Yes / No). If yes, provide details.	Yes. The Board Sustainability Committee is responsible for implementation of the Policies. The Committee comprises of three Directors out of which two are Independent Directors and one Executive Director along with four Permanent Invitees. The broad terms of reference of the Sustainability Committee are the adoption of National Guidelines on Responsible Business Conduct (NGRBC) relating to Social Environmental and Economic Responsibilities of Business in business practices of the Company review the progress of initiatives under the purview of business responsibility (sustainability) and to periodically assess the ESG performance of the Company.								

Note 1

Principle-Wise Policies[^]

P1	P2	P3	P4	P5	P6	P7	P8	P9
Policy on Business Conduct	Policy on Business Conduct	People Policy	Policy on Business Conduct	Human Rights policy	Climate change Policy	Policy on Business Conduct	Policy to Make our World a Better Place	Policy on Business Conduct
Code of conduct for Board & Senior Management	Climate change Policy	Health & Safety Policy	Grievance Redressal Mechanism	Indigenous People and Resettlement Policy	Energy Policy	Policy to Make our World a Better Place	Policy on Social Development	Quality Policy
Code of Practice and Fair Disclosure of unpublished sensitive information	Energy Policy	Policy on Labour Practice & Employment	Policy to Make our World a Better Place	Policy to Make our World a Better Place	Raw Material Conservation Policy		Indigenous People and Resettlement Policy	
Determination of materiality of an Event & Information & Authorized KMP	Raw Material Conservation Policy	Policy on Board Diversity		Policy on DEI (Diversity, Equality & Inclusivity)	Water Resource Management Policy		Cultural Heritage Policy	
Dividend Distribution Policy	Water Resource Management Policy	Remuneration Policy			Waste Water management Policy		Corporate Social responsibility Policy	
Policy for determining material subsidiaries	Waste Water management Policy	Policy to Make our World a Better Place			Waste management Policy			
Archival Policy for preservation of documents	Waste management Policy				Air Emissions management Policy			
Policy on related party transactions	Air Emissions management Policy				Biodiversity Policy			
Remuneration Policy	Biodiversity Policy				Local Considerations Policy			
Whistle-blower Policy & Vigil mechanism	Local Considerations Policy				Policy to Make our World a Better Place			
Terms & Conditions for the appointment of Independent Director	Policy to Make our World a Better Place							
Policy to Make our World a Better Place								

Disclosure Questions	P	P	P	P	P	P	P	P	P
	1	2	3	4	5	6	7	8	9

Policy and management processes

10. Details of Review of NGRBCs by the Company:

Subject for Review	Indicate whether review was undertaken by Director / Committee of the Board / Any other Committee									Frequency (Annually / Half - yearly / Quarterly / Any other - please specify)								
	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9

Performance against above policies and follow up action	The board level sustainability committee meets twice in a year to discuss the progress against sustainability parameters of the Company and review the policies. During this assessment, the efficacy of the policies is reviewed and necessary changes to policies and procedures are implemented. The board guide actions to be taken and reviews the progress against each parameter in the next meeting.									Half yearly								
--	--	--	--	--	--	--	--	--	--	-------------	--	--	--	--	--	--	--	--

Compliance with statutory requirements of relevance to the principles, and, rectification of any non-compliances	The company complies with all statutory requirements of relevance to the principles periodically																	
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

11. Has the entity carried out independent assessment / evaluation of the working of its policies by an external agency? (Yes / No). If yes, provide the name of the agency.	P	P	P	P	P	P	P	P	P
	1	2	3	4	5	6	7	8	9
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
The processes and compliances are subject to scrutiny by internal auditors and regulatory bodies, as applicable. From both best practices and risk management perspectives, policies are periodically evaluated and updated by various department heads and business leaders, and subsequently approved by the management board. An internal assessment of the implementation of the Business Responsibility (BR) policies has also been conducted.									

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	P	P	P	P	P	P	P	P
	1	2	3	4	5	6	7	8	9
The entity does not consider the principles material to its business (Yes / 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)									
The entity does not have the financial or / human and technical resources available for the task (Yes / No)									
It is planned to be done in the next financial year (Yes / No)									
Any other reason (please specify)									

Not Applicable

SECTION C – PRINCIPLE WISE PERFORMANCE DISCLOSURE

This section is aimed at helping entities demonstrate their performance in integrating the Principles and Core Elements with key processes and decisions. The information sought is categorized as "Essential" and "Leadership". While the essential indicators are expected to be disclosed by every entity that is mandated to file this report, the leadership indicators may be voluntarily disclosed by entities which aspire to progress to a higher level in their quest to be socially, environmentally and ethically responsible



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 programmes 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	% of persons in respective category covered by the awareness programmes
Board of directors	2	The Committee Meetings address a range of topics including all BRSR principles: climate change, biodiversity, water management, sustainability KPIs, global sustainability trends, industry best practices, external ratings and disclosures, stakeholder engagement, materiality, and climate change risks and opportunities.	100%
Key managerial personnel	4	<ol style="list-style-type: none"> 1. JSW VALUES E-Learning Module - Mandatory Module 2. Connecting the Human Chain to Solve Problems 3. Expert Insights on Problem Solving 4. Expertise: The Enemy of Innovation 5. Formulating Problems Effectively to Get Organizational Buy-In 6. Innovation: Spend More Time Defining the Problem (and Much Less on the Solution) 7. Managing Problems Using the Optimal Challenge 8. Problem-led Leadership 9. Situations vs. Problems 10. Strategic Thinker Traits <p>Impact: Established a common understanding of values and their significance to both the business and its employees, clarifying the meaning and implications of each value. Highlighted behaviour's that exemplify each value in practice and emphasized the importance of each value to the organization and its staff.</p> <p>Increased awareness on critical thinking and better decision making through innovations and thinking out of the box.</p>	100%
Employees other than BoD and KMPs	2496	Business Communication Project Management Productivity Tools Business Acumen Innovation & Creativity Performance Appraisals and feedback Training on Crucial Conversation – Conducted training on crucial conversation as per the Inputs from the GPTW 2022 Survey across 7 locations for 182 people managers. Project management Kuther Excel & Financial modelling for Corporate employees Self-excellence workshop at AJL in coordination with Group Pre-retirement workshop Sholtu & Virtual session. SAP 3 Sessions on Ariba, FICO, Dataguru Automate Power Systems via etap. Training on Bio Gas & CNG: a business Case Battery and Battery Energy Storage Systems. Introduction to Glass Fiber Composites and Wind turbine blades Financial Literacy Session by Be.Artsy Be your Own Lakshmi Session by Be.Artsy	94.8%
Workers	2,013	Safety Trainings Topics Covered Stop the Pandemic Work Environment Electrical Safety Conveyor Safety Confined Space Entry PPE Fire Fighting training Road Safety Lifting tools & tackles <p>Impact: Fire and Safety Workplace safety training provided workers with the skills and knowledge they need to do their jobs safely. It informed them of the risks and hazards associated with different work activities. It also taught them how to detect, report, and tackle workplace safety incidents.</p>	100%

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 (Note: the entity shall make disclosures on the basis of materiality as specified in Regulation 30 of SEBI (Listing Obligations and Disclosure Obligations) Regulations, 2015 and as disclosed on the entity's website):**

Monetary					
	NGRBC Principle	Name of the regulatory / enforcement agency / judicial institutions	Amount (In INR)	Brief of the Case	Has an appeal been preferred? (Yes/No)
Penalty/ Fine	Principle 1 to 9	NA	0	NA	NA
Settlement	Principle 1 to 9	NA	0	NA	NA
Compounding fee	Principle 1 to 9	NA	0	NA	NA

Non-Monetary				
	NGRBC Principle	Name of the regulatory / enforcement agency / judicial institutions	Brief of the Case	Has an appeal been preferred? (Yes/No)
Imprisonment	Principle 1 to 9	NA	NA	NA
Punishment	Principle 1 to 9	NA	NA	NA

3. **Of the instances disclosed in Question 2 above, details of the Appeal / Revision are 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, JSW Energy has a board-approved Policy on Business Conduct that includes anti-corruption and anti-bribery practices. The Company mandates that all employees adhere to the policy's principles, fulfilling their responsibilities with good faith, discretion, and care, and upholding the highest standards of honesty, integrity, and fairness. This policy aims to establish the highest standards of business ethics.

As part of this commitment, JSW Energy implements stringent anti-corruption measures to monitor and prevent unethical behavior. To ensure ethical practices across the value chain, the Company has also established a Code of Conduct for suppliers and business partners, outlining the fundamental standards for ethical corporate behavior. The Policy strictly prohibits the use of bribery or any other unfair advantages, directly or indirectly, to secure or offer benefits, and forbids any promises to engage in such practices.

The policy is available on: https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability_Policies/JSWEL_Policy_on_Business_Conduct-v2.pdf (Refer Page no.6 of the Policy)

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

	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:**

	FY 2023-24 Current Financial Year		FY 2022-23 Previous Financial Year	
	Number	Remarks	Number	Remarks
Number of complaints received in relation to issues of Conflict of Interest of the Directors	0	NA	0	NA
Number of complaints received in relation to issues of Conflict of Interest of the KMPs	0	NA	0	NA

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

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	94	74

9. Openness 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			
a.	Purchases from trading houses as % of total purchases	90% (For Coal Purchase)	100% (For Coal Purchase)
		7.5% (for other material)	7.8% (for other material)
b.	Number of trading houses where purchases are made from	330	310
c.	Purchases from top 10 trading houses as % of total purchases from trading houses*	100%	94.14%
Concentration of Sales			
a.	Sales to dealers / distributors as % of total sales	NA	NA
b.	Number of dealers / distributors to whom sales are made	NA	NA
c.	Sales to top 10 dealers / distributors as % of total sales to dealers / distributors	NA	NA
Share of RPTs in			
a.	Purchases (Purchases with related parties / Total Purchases)	17% (for coal Purchase)	20% (for Coal Purchase)
b.	Sales (Sales to related parties / Total Sales)	15%	35%
c.	Loans & advances (Loans & advances given to related parties / Total loans & advances)	100%	100%
d.	Investments (Investments in related parties / Total Investments made)	84%	81%

* Purchases from 10 trading houses as a Percentage of purchases of all coal trading houses.

Leadership Indicators

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

Total number of awareness programmes held	Topics / principles covered under the training	%age of value chain partners covered (by value of business done with such partners) under the awareness programmes
8	<p>Topic 1: Environment Awareness Impact: To ensure our customer is aware & sensitive to the environment sustainability opportunities & Risks arising because of the climate change scenarios and is able to understand and support the climate change initiatives.</p> <p>Topic 2: Plastic Pollution Impact: Created awareness about harmful effect of plastic pollution on environment and emphasis on single use plastic / No Plastic.</p> <p>Topic 3: Worker Safety Impact: To ensure that the value chain partners are aware of the Risks & Hazards that arise due to the various business activities and they are able to identify and employ adequate safety measures for their workers</p> <p>Topic 4: Human Rights Training Impact: Training imparted to communities, associates, contractors to create awareness about their inherent rights like right to life, the right to a fair trial, freedom from torture and other cruel and inhuman treatment, freedom of speech, freedom of religion, and the rights to health, education and an adequate standard of living.</p> <p>Topic 5: Critical People policies Impact Impact: Builds a team that is effective efficient and well motivating thereby enhancing the confidence and self-esteem of employees</p> <p>Topic 6: Nature based solution training Impact: Training like Honeybee keeping, Organic farming, Integrated farming created awareness amongst communities on how to manage the natural resources sustainably and also created source of income for vulnerable and marginalized group.</p> <p>Topic 7: Water conservation Awareness Programme Impact: The programme created awareness about various technique to use water optimally and how to conserve water during water stress situation.</p> <p>Topic 8: Road Safety Awareness Programme Impact: Awareness programme on Road Safety held for Communities, created awareness on taking Safety measures and preventive actions to be taken care .</p>	72.00%

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. JSW Energy has a robust Policy on Business Conduct in place. The Policy covers Code of Conduct, conflict of Interest, Amendments, Affirmation and No Rights created. The Company ensures that all its board members and senior management adhere to the code of conduct to avoid situations of conflict of interest. The Company also periodically carries out assessments to map potential instances of conflicts of interests. It consults with both internal and external stakeholder groups to make sure this assessment process is robust.

Based on the results of this assessment process, the company will:

- Designed to boost its business practises to remove any perceived threat of a possible conflict of interest occurring.
- Monitor And evaluate and reaffirm the efficacy of both its external redressal system and accompanying internal systems, which can be used to highlight, investigate, and address any potential or actual conflicts of interest.
- Provide the Board and employees with the necessary training regarding how to handle conflicts of interest.

The company has a policy of Code of conduct for the Board Members & senior Management which caters to the above requirement of avoiding / managing the conflict of interests involving the Board members. Please refer Page no. 3 of policy <https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Policies/2.%20Code%20of%20Conduct%20for%20Board%20&%20Senior%20Management.pdf>



Principle 2 – Businesses should provide goods and services in a manner that is sustainable and safe.

Essential Indicators

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

	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year	Details of improvements in environmental and social impacts
R&D	0%	0%	Not Applicable
Capex	15.51%	26.55%	Lower GHG, Lower PM, Health and Safety, Creating more livelihood Opportunities. Majority of the Capex in FY 2024 has been used for the procurement and construction of the Renewable projects (wind, solar, hydro). The renewable projects shall result in clean power without any GHG and PM pollution. It also creates a lot of livelihood for locals

2. **a. Does the entity have procedures in place for sustainable sourcing? (Yes / No) - Yes**
b. If yes, what percentage of inputs were sourced sustainably?
 100% (All our registered vendors and suppliers adhere to the Supplier Code of Conduct)
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.**
 Not Applicable owing to the nature of business.
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 EPR plan submitted to Pollution Control Boards?**
 Not Applicable owing to the nature of business.

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 / Assessment was conducted	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain (Yes / No) If yes, provide the web-link
351	Electricity Generation*	-	-	-	-

* No LCA was carried out in the FY 2024

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
Not Applicable		

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	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
	Water	19.69%
Fly Ash	100.00%	100.00%
Waste Gases	8.81%	7.00%

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:**

Not Applicable owing to the nature of business.

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

Indicate product category	Reclaimed products and their packaging materials as % of total products sold in respective category
Not Applicable owing to the nature of business	

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	2,376	2,376	100%	2,376	100%	NA	NA	2,376	100%	2,376	100%
Female	124	124	100%	124	100%	124	100%	-	-	124	100%
Total	2,500	2,500	100%	2,500	100%	124	100%	2,376	100%	2,500	100%
Other than Permanent employees											
Male	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-
Other than Permanent workers											
Male	5,299	5,299	100%	5,299	100%	-	-	5,299	100%	5,299	100%
Female	172	172	100%	172	100%	172	100%	-	-	172	100%
Total	5,471	5,471	100%	5,471	100%	172	3.14%	5,299	96.85%	5,471	100%

c. Spending on measures towards 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	0.1%	0.07%

2. Details of retirement benefits.

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%	Y	100%	100%	Y
Gratuity	100%	100%	Y	100%	100%	Y
ESI	NA	NA	NA	NA	NA	NA
Others - please specify	- One time relocation allowance at the time of retirement - Post retirement Medical Insurance coverage for employee & spouse up to the age of 75 years at a concessional rate					

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.

Yes, All premises / offices are accessible to differently abled employees and workers.

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, JSW Energy is dedicated to upholding human rights and fostering an inclusive culture that embraces diversity. The Company's commitment to non-discrimination is reflected in its policy that ensures equal opportunities for everyone, regardless of religion, gender, caste, or disabilities. Through its Human Rights Policy, JSW Energy aims to safeguard human rights and strengthen a culture of inclusivity and equality within the organization. The policy can be viewed at:

https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability_Policies/JSWEL-DEI-Policy-v2.pdf

The Company also upholds a Policy on Labour Practices and Employment Rights, affirming its commitment to being an equal opportunity employer. This policy ensures that all employees are treated with respect and dignity, and are evaluated solely on their performance, regardless of race, religion, caste, gender, age, disability, or any other characteristic. The policy is available at:

https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability_Policies/JSWEL_Policy_on_Labour_Practices_and_Employment_Rights.pdf

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%	NA	NA
Female	100%	100%	NA	NA
Total	100%	100%	NA	NA

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	-	NA
Other than permanent workers	Yes	All HR & Business Leads have set grievance handling mechanism
Permanent employees	Yes	All HR & Business Leads have set grievance handling mechanism
Other than permanent employees	-	NA

7. Membership of employees and workers 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 the respective category, who are part of the association(s) or Union (B)	% (B / A)	Total employees / workers in the respective category (C)	No. of employees / workers in the respective category, who are part of the association(s) or Union (D)	% (D / C)
Total permanent employees	2,500	957	38.28%	2,340	983	42.01%
Male	2,376	921	38.76%	2,220	947	42.66%
Female	124	36	29.03%	120	36	30.00%
Total permanent workers	-	-	-	-	-	-
Male	-	-	-	-	-	-
Female	-	-	-	-	-	-

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	2,376	2,376	100%	1,859	78.24%	2,206	2,206	100%	1,299	58.88%
Female	124	124	100%	124	100.0%	104	104	100%	74	71.15%
Total	2,500	2,500	100%	1,983	79.32%	2,310	2,310	100%	1,373	59.44%
Workers										
Male	5,299	5,299	100%	383	7.22%	2,220	2,220	100%	-	-
Female	172	172	100%	15	8.7%	120	120	100%	-	-
Total	5,471	5,471	100%	398	7.27%	2,340	2,340	100%	-	-

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

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	2,376	2,376	100%	2,206	2,206	100%
Female	124	124	100%	104	104	100%
Total	2,500	2,500	100%	2,310	2,310	100%
Workers						
Male	-	-	-	-	-	-
Female	-	-	-	-	-	-
Total	-	-	-	-	-	-

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, what is the coverage of such a system?

Yes, the JSW Group's occupational health and safety management system is aligned with ISO 45001:2018 standards applicable to all the operations of the Company. Committed to prevent all injuries and work-related illnesses, the Group integrates health and safety as a core aspect of its operations, promoting a "Zero Harm" culture. Aspiring to exceed statutory health and safety requirements, the Group sets the highest standards and provides comprehensive training to employees, associates, contractors, and suppliers for safe working practices.

The system facilitates risk assessment and implements controls for health and safety hazards in operations and activities. Regular assurance programs are conducted, with timely actions taken to address identified issues. The system ensures prompt incident reporting, thorough root cause investigations, and the dissemination of lessons learned across all Group companies.

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

A well-defined safety observation system, hazard Identification and risk assessment procedures are in place. Some of them are enlisted below:

- 1) Hazard Identification & Risk Assessment. (HIRA)
- 2) Barrier Health Management (BHM)
- 3) Quantitative Risk Assessment (QRA)
- 4) Job Safety Analysis (JSA)
- 5) HAZOP
- 6) Safety Inspections
- 7) Safety Audits – Internal & External
- 8) Safety Observation System

Safety is reviewed by the Board as an important part of the Operations review every quarter. The safety performance with all locations is reviewed on a monthly basis by the Corporate Safety team.



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

Yes, As part of its safety initiative, JSW requires all employees, business associates, and contractors to follow the "10 JSW CRITICAL SAFETY RULES" to reduce injuries and illnesses. These rules encourage safety discussions and improvements.

The company employs a software system for logging safety observations, where employees report unsafe acts, conditions, near-misses, hazards, injuries, and accidents monthly. These reports trigger alerts for mitigation, monitored weekly by the safety team and reviewed in monthly safety meetings. JSW expects all management levels and employees to proactively address hazards and halt unsafe work. The Safety Observation (SO) program engages the workforce, with leadership mandated to conduct shop floor walkthroughs. High-risk operations are improved using Risk Rating methods, brainstorming teams, new technologies, safety barriers, and administrative controls. Each major plant has enhanced at least 20 high-risk systems through the Barrier Health Management system.

d. Do the employees/ workers of the entity have access to non-occupational medical and healthcare services?

Yes, Jindal Sanjivani hospital (JSH) is available at most of the locations where the worker has access to all available medical healthcare services. In locations where JSH is not there, the organization usually has tie-ups with local hospitals for healthcare.

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

Safety incident/number (All operational plants)	Category	FY 2023-24	FY 2022-23
		Current Financial Year	Previous Financial Year
Lost Time Injury Frequency Rate (LTIFR) (per one-million-person hour worked)*	Employees	0	0
	Workers	0.15	0
Total recordable work-related injuries	Employees	0	0
	Workers	22	0
No. of fatalities	Employees	0	0
	Workers	1	0
High consequence work-related injury or ill-health (excluding fatalities)	Employees	0	0
	Workers	1	0

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

The company prioritizes a safe and healthy workplace for all employees, workers, and third-party stakeholders. In FY 2024, major plants identified 21 to 25 high-risk scenarios through the Barrier Health Management tool, mitigating these risks with new safety systems to reduce their rating to below 5.

Across all plants, employees reported and corrected over 98,000 unsafe acts and conditions, preventing potential injuries and accidents. For wind turbine projects, GW0 and BBS training were completed for 116 employees and 211 workers. Additionally, 60 JSW Mytrah team members received safety training in Telangana, Rajasthan, AP, Maharashtra, and Karnataka.

The JSW CARES program evaluated 63 contractors, with 32 (51%) achieving a 5-star rating and 54 (85%) achieving at least a 3-star rating.

Some of the other measures taken at the plants are as below:

OHS Policy OHS Induction & OHS Trainings

- Motivational Programs
- Standard Operating Procedure
- OHS Committees
- Mass Safety Tool Box Talks
- Permit to Work
- LOTO (Lock out Tag out)
- Confined Space Entry
- QRA (Quantitative Risk Assessment)
- Manual Material Handling Assessment
- Industrial Hygiene Survey
- OHS Inspections
- Barrier Health Management
- Safety Kaizen
- Hazardous Area Classification
- Gas Monitoring
- Near Miss Reporting System
- Incident Investigation System
- Contract Safety Management
- Road Safety
- Visual Display Management
- Electrical Safety
- Tools, tackles & equipment's inspection
- Portable tools inspection

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

	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	0	0	NA	0	0	NA
Health & safety	0	0	NA	0	0	NA

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	100% of plants and offices were assessed by entity through third parties.
Working conditions	

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.

Based on the incident reports and Root Cause Analysis (RCA) at various operational plants and under-construction projects of JSW Energy Ltd, the following major Corrective and Preventive Actions (CAPA) have been implemented across all plants & project locations -

- Alongwith the Safety induction training, all workers in solar plants shall be given an additional electrical Safety training including the do's & dont's before they can work inside the plant.
- Refresher PTW training to be provided to JSW Energy and Contractor teams, explaining the critical skill of Risk Identification and mitigation strategies
- Risk Assessment of lightening arrestors (LA) in the Solar plants to be done and based on the assessments the CAPA shall be completed.



- No worker to be deployed inside the plant without a competency & skill assessment.
- At all solar plants, no PTW to be authorised without additional approval by JSW Site incharge / Authorised JSW team member apart from the C Licence Holder.
- Pre-Startup Risk Assessment and Checklist to be completed before use of all critical equipments & machinery
- Regular TBT before start of jobs
- Monthly Mock drills for high risk situations
- Utilising LOTO safety system for all Electrical related jobs
- Safety Observation system being followed at all locations
- Special trainings like GWO (Global Wind Organisation) trainings at all WTG locations
- Emergency Response training & mock drills
- BHM High Risk mitigation initiatives
- Contractor Safety Management (CSM) through PQA improvement and JSW CARES assessment

The safety department at all locations continuously monitors the implementations of the safety systems & procedures by different project departments and every month conducts a Reward and Recognition program for employees and associates for reporting the safety observations, nearmiss and potential hazards. The leadership team gives away the awards and urges & motivates all to continue working safely and reporting the unsafe leading to 'Zero Harm'.

Leadership Indicators

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

(A) **Employees (Y / N):** Yes

(B) **Workers (Y / N):** Yes

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 is compliant to statutory dues of employees towards income tax, provident fund, professional tax, ESIC etc. as applicable from time to time The other value chain partners (vendors) are equally responsible to comply as per the contract.

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:

	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	FY 2022-23	FY 2023-24	FY 2022-23
	Current Financial Year	Previous Financial Year	Current Financial Year	Previous Financial Year
Employees	0	0	0	0
Workers	1	0	1	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 / No)

Yes. The Company's people management philosophy is to empower employees through holistic growth initiatives. It emphasizes continuous learning and staying updated with the latest technologies and processes. The JSW Learning Academy provides an online platform for diverse training and education, helping employees develop soft skills and acquire specialized skills for job rotation, enhancing employability and cross-functional work. JSW Energy ensures employees stay informed about the latest tools and technologies, boosting productivity. Additionally, separated employees receive employment counselling, while retired employees can seek guidance on new roles, leveraging their experience along with monetary benefits.

5. Details on assessment of value chain partner:

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	10% (based on the value of business done with them)
Working Conditions	

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.

Safety Improvements opportunities were listed and given to value chain partner for implementation at their manufacturing unit. Additionally periodic safety assessments are done with our Fabricators, at various other locations eg. Baramati, Chakan and Ingole in Maharashtra, Nellore in AP and Trichy in TN. Here the JSW Team does regular Safety Pep Talks, Tool Box Talks (TBT) with vendor teams.

All contractors & value chain partners, working in the premises of JSW Energy are sufficiently trained on safety practices and systems, inline with JSW Energy safety systems, so that there are no safety violations from their end. This practice enables the value-chain partner to enhance his safety systems, practices and training parameters. Also, JSW Contractor Assessment and Rating for Excellence in Safety (CARES) assessment for contractors working within the plant premises helps to identify gaps in their safety systems and guides them to improve safety. This further improves their Star ranking amongst all the contractors, highest being 5 STAR. The 5 STAR rated contractor becomes a preferred contractor across JSW Group.

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.

Key stakeholders form an important group and play an important role to maintain sustainable operations of the organization. JSW Energy maintains a dynamic and strategic stakeholder engagement process where it identifies key stakeholder groups from the larger universe of all possible stakeholders. This is done after considering the material influence each group has on the Company’s ability to create value (and vice-versa). Through this mechanism, the Company has currently identified seven internal and external stakeholder groups: Employees, Government and Regulatory Authorities, Customers, Communities and Civil Society / NGOs, Suppliers, Institutions, Investors.

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

Stakeholder Group	Whether identified as Vulnerable & Marginalized Group (Yes / No)	Channels of communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community Meetings, Notice Board, Website), Other	Frequency of engagement (Annually/ Half yearly/ Quarterly / others - please specify)	Purpose and scope of engagement including key topics and concerns raised during such engagement
Customer	No	Customer meets, Official communication channels: Advertisements, publications, website and social media, Conferences events, Phone calls, emails and meetings.	Frequent and as and when required	To acquire new customers and service the existing ones
Employees	No	JSW World - Intranet portal, Newsletters, Employee satisfaction surveys - JSW Voice Pulse Survey, Emails and meetings, Training programs like Springboard, Employee engagement initiatives like WeCare and Samvedna, Performance appraisal, Grievance redressal mechanisms, Notice boards	Intranet - Daily Newsletter - Quarterly Emails - As and when required	To keep employees abreast of key developments happening in the company and also addressing their grievances
Suppliers	No	Vendor assessment and review, Training workshops and seminars, Supplier audits, Official communication channels: Advertisements, publications, website and social media	As and when required	Service existing business



Stakeholder Group	Whether identified as Vulnerable & Marginalized Group (Yes / No)	Channels of communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community Meetings, Notice Board, Website), Other	Frequency of engagement (Annually/ Half yearly/ Quarterly / others - please specify)	Purpose and scope of engagement including key topics and concerns raised during such engagement
Investors/ Shareholders	No	Analyst meets and conference calls, Annual General Meeting, Official communication channels: Advertisements, publications, website and social media, Investor meetings and roadshows	Quarterly	To inform on how the company is currently doing and what it plans to do in near term future
Institutions & Industry Bodies	No	Networking through meetings, brainstorming sessions, discussions, etc.	As and when required	Networking so as to be abreast of new opportunities in sector and drive change
Governments & Regulatory Authorities	No	Advertisements, publications, website and social media, Phone calls, emails and meetings, Regulatory audits/ inspections	As and when required	Discussions with regard to various regulations, amendments, inspections, approvals and assessments.
Communities & Civil Society/NGOs	No	Need assessment, Meetings and briefings, Partnerships in community development projects, Training and workshops, Impact assessment surveys, Official communication channels: Advertisements, publications, website and social media, Complaints and grievance mechanism	Frequent and as when required	Support CSR projects

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.**

JSW Energy's stakeholder engagement strategy involving interactions, which is integrated into the company's medium- and long-term planning. This approach promotes shared growth and a prosperous future for society. Formal mechanisms are in place to engage key stakeholders constructively and gather valuable feedback, including areas covered by the NGRBC Principles. In FY 2024 the company has conducted a double materiality survey by taking the feedback from the various stakeholders to identify material issues across the ESG, which will be one of the drivers to align the sustainability actions of the organisation to the expectation of the stakeholders.

- 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 inputs received from stakeholders on these topics were incorporated into the policies and activities of the entity.**

Yes, JSW Energy engages with stakeholders to ensure their expectations are heard and integrated. Through the JSW Foundation, the company drives social development, focusing on poverty eradication, malnutrition, social equality, environmental issues, heritage preservation, and sports training. Collaborations with ESG experts and rating agencies help JSW benchmark best practices and address stakeholder expectations. The Foundation also partners with communities and the government to tackle livelihood challenges, provide skill development, and offer educational support. Continuous stakeholder engagement is vital as JSW navigates the evolving ESG landscape, aiming to build a value-based, empowered society.

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

The Company is committed to building constructive relationships with all its stakeholders. Engagements with stakeholders are done on diverse issues. Proactive engagement with stakeholders provides the Company with insights that help to gain information on material issues, shape business strategy and operations, and minimise the risk of reputation. For details, please refer to pages 54 and 55 of the Sustainability Report within the Integrated Annual Report.

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)
Permanent	2,500	1,750	70%	2,310	2,310	100.00%
Other than permanent	-	-	-	-	-	-
Total employees	2,500	1,750	70%	2,310	2,310	100.00%
Workers						
Permanent	-	-	-	-	-	-
Other than permanent	5,471	3,830	70%	2,340	2,340	100.00%
Total workers	5,471	3,830	70%	2,340	2,340	100.00%

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

Category	FY 2023-24 Current Financial Year				FY 2022-23 Previous Financial Year					
	Total (A)	Equal to minimum wage		More than minimum wage		Total (D)	Equal to minimum wage		More than minimum wage	
		No. (B)	% (B / A)	No. (C)	% (C / A)		No. (E)	% (E / D)	No. (F)	% (F / D)
Employees										
Permanent	2,500	-	-	2,500	100%	2,310	-	-	2,310	100%
Male	2,376	-	-	2,376	100%	2,206	-	-	2,206	100%
Female	124	-	-	124	100%	104	-	-	104	100%
Other than permanent	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-
Workers										
Permanent	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-
Other than permanent	5,471	-	-	5,471	100%	2,340	-	-	2,340	100%
Male	5,299	-	-	5,299	100%	2,220	-	-	2,220	100%
Female	172	-	-	172	100%	120	-	-	120	100%

3. Details of remuneration/salary/wages*

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)	10	36,17,500	1	35,05,000
Key managerial personnel	0	0	1	1,25,89,284
Employees other than BoD and KMP	2,372	8,01,660	123	6,95,796
Workers	0	0	0	0

*Please refer Annexure D of the Board's Report for details on Remuneration

- 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	4.11%	3.77%



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, Human rights is a sensitive issue and JSW Energy has zero tolerance to Human Rights violation. Human Rights is one of the 17 Key Focus areas for the Organisation. For any Human Rights violation, whenever reported, shall be investigated by a special committee nominated for the purpose by the Senior leadership / CEO.

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

The Company prioritizes a robust Grievance Redressal process to address employee concerns swiftly and fairly. It upholds a clear Code of Conduct & Employee Service Rules, defining employee responsibilities and conduct standards. Employees can easily register grievances online via a dedicated portal link or through HR departments. A dedicated High-Level Committee ensures prompt resolution of registered issues. These mechanisms form the bedrock of fostering a diverse and inclusive workplace culture.

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

	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
Sexual harassment	NIL	NIL	NA	NIL	NIL	NA
Discrimination at workplace	NIL	NIL	NA	NIL	NIL	NA
Child labour	NIL	NIL	NA	NIL	NIL	NA
Forced labour/Involuntary labour	NIL	NIL	NA	NIL	NIL	NA
Wages	NIL	NIL	NA	NIL	NIL	NA
Other human rights-related issues	NIL	NIL	NA	NIL	NIL	NA

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

	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Total Complaints reported under Sexual Harassment on of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (POSH)	0	0
Complaints on POSH as a % of female employees / workers	0%	0%
Complaints on POSH upheld	0	0

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

The Company is dedicated to fostering a culture of diversity and inclusion, encouraging employees to bring their authentic selves to work. It promotes equal opportunity for all, regardless of gender, religion, caste, race, age, community, physical ability, or gender orientation, through a non-discriminatory policy framework. Prioritizing a safe and congenial work environment, the Company ensures employees can perform at their best. With a robust Grievance Redressal process and clear Code of Conduct & Employee Service Rules in place, the Company establishes the foundation for a diverse and inclusive workplace culture.

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

Yes. The business agreements and contracts do include Company's expectations to promote sustainability, fair competition and respect for human rights and all our registered suppliers adhere to our Supplier Code of Conduct which is mentioned in all our contracts wherein Human Rights is one of the key principles of our Supplier Code of Conduct.

10. Assessments of the year

	% of your plants and offices that were assessed (by the entity or statutory authorities or third parties)
Child labour	100%
Forced / involuntary labour	100%
Sexual harassment	100%
Discrimination at workplace	100%
Wages	100%
Work hours	100%

11. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 10 above.

There were no significant risks or concerns immediately raised by the entity (considering Q10). However, a detailed report on the plants assessed is awaited as the draft report is under discussion and finalisation

Leadership Indicators

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

As the entity has not raised any significant Human Rights issues in the FY 2024 assessment, no business process was modified / introduced due to this. However, Final report is awaited based on which the company shall take a call whether any business process needs modification or not.

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

The Human Rights due diligence covered the various stakeholders eg. Employees, contractor workers, Senior leadership, nearby community and families of the workers living in near the plant location. The scope of work covered the Policy Commitment, Identification of HR impacts, Preventive and mitigative measures, Tracking & monitoring of HR mitigative actions, Reporting & communication and Remedy & grievance mechanism.

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?

Yes, all premises & offices are accessible to differently abled visitors

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	100%
Discrimination at workplace	100%
Child Labour	100%
Forced Labour / Involuntary Labour	100%
Wages	100%

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

The Corrective Action management plan & its implementation shall follow once the above mentioned value chain assessment is completed.

**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	FY 2023-24	FY 2022-23
	Current Financial Year	Previous Financial Year
From renewable sources		
Total electricity consumption (A)	179,555.31 GJ	124,444 GJ
Total fuel consumption (B)	249.54 GJ	0 GJ
Energy consumption through other sources (C)	0 GJ	0 GJ
Total energy consumed from renewable sources (A+B+C)	179,804.85 GJ	124,444 GJ
From non-renewable sources		
Total electricity consumption (D)	107,196.56 GJ	5,670,779.08 GJ
Total fuel consumption (E)	127,806,141.69 GJ	88,629,496.61 GJ
Energy consumption through other sources (F)	0 GJ	0 GJ
Total energy consumption (D+E+F)	127,913,338.25 GJ	94,300,275.69 GJ
Total energy consumption (A+B+C+D+E+F)	128,093,143.09 GJ	94,424,719.69 GJ
Energy intensity per rupee of turnover (Total energy consumed / Revenue from operations)	0.001	0.0009
Energy intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP)* (Total energy consumed / Revenue from operations adjusted for PPP)	0.02	0.019
Energy intensity in terms of physical output	4.30 GJ/MWh	4.02 GJ/MWh
Energy intensity (optional) - the relevant metric may be selected by the entity	-	-

* PPP Conversion rate = 22.4 (to be used wherever applicable)

(Source: <https://www.imf.org/external/datamapper/PPPEX@WEO/OEMDC/IND>)

Note: Indicate if any independent assessment / evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.

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. JSW Energy (Barmer) Ltd (JSWBL) is a designated consumer (DC) under the PAT scheme of the Government of India. The Company has been successful in achieving PAT cycle 1& 2 targets. Below are the details of PAT Cycle Net Heat Rate (Kcal/Kwh) target & actuals:

Barmer Plant

PAT Cycle	Target	Actual
PAT Cycle-1	3,559	2,986.56
PAT Cycle-2	2,917.4	2,883.69
PAT Cycle-7	2,877.11	Under progress

Vijayanagar Plant**SBU1**

PAT Cycle	Target	Actual
PAT Cycle-1	2,503	2,422.74
PAT Cycle-2	2,420	2,417

SBU 2

PAT Cycle	Target	Actual
PAT Cycle-1	2,424	2,413
PAT Cycle-2	2,414.6	2,411.11

Ratnagiri Plant

PAT Cycle	Target	Actual
PAT Cycle-2	2,555	2,539
PAT Cycle-7	2,534	To be audited in FY 2025

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	28,178,602.14 KI	28,827,036 KI
(ii) Groundwater	*614,920.19 KI	28,017 KI
(iii) Third-party water	**43,059.57 KI	0 KI
(iv) Seawater / desalinated water	80,971,172 KI	58,411,696 KI
(v) Others	0 KI	0 KI
Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)	109,807,753.90 KI	87,266,749 KI
Total volume of water consumption (in kilolitres)	28,221,446.90 KI	26,209,609 KI
Water intensity per rupee of turnover (Total water consumption / Revenue from operations)		
Water intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumption / Revenue from operations adjusted for PPP)	0.00024 KI/₹	0.00024 KI/₹
Water intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumption / Revenue from operations adjusted for PPP)	0.0053	0.0054
Water intensity in terms of physical output	0.95 m ³ /MWh	1.11 m ³ /MWh
Water intensity (optional) – the relevant metric may be selected by the entity	-	-

*Ground water withdrawal increases as number of renewable operations have increased for FY 2024

** Third Party water used in our Renewable plants of JSW Energy acquired RE

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.

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) To Surface water	481,847 KI	653,137 KI
No treatment		
With treatment – please specify level of treatment	Domestic waste water treated in STP and discharged back into the river complying with stipulated environmental standard.	
(ii) To Groundwater	NIL	NIL
No treatment		
With treatment – please specify level of treatment		
(iii) To Seawater	80,995,927 KI	58,411,696 KI
No treatment		
With treatment – please specify level of treatment	Seawater is used for cooling purpose and it is brought back to ambient level before it is discharged back	
(iv) Sent to third parties	0 KI	0 KI
No treatment		
With treatment – please specify level of treatment		
(v) Others	0 KI	445,137 KI
No treatment	0 KI	0 KI
With treatment – please specify level of treatment		
Total water discharged (in kilolitres)	81,477,774.00 KI	59,509,970 KI

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.



5. Has the entity implemented a mechanism for zero liquid discharge? If yes, provide details of its coverage and implementation.

Yes. JSW Energy is committed to the efficient management of water resources, both within its operations and in surrounding communities. The company prioritizes water use efficiency and ensures its availability for all stakeholders. All JSW Energy thermal plants adhere to a 'ZERO LIQUID DISCHARGE' policy, where wastewater is treated and recycled back into the system or used for horticulture. Additionally, domestic wastewater is processed in Sewage Treatment Plants (STPs) and repurposed for horticultural development, reflecting the company's dedication to sustainable water management practices. All other new and acquired RE plants are also following the above mechanism.

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

Parameter	Please specify unit	FY 2023-24	FY 2022-23
		Current Financial Year	Previous Financial Year
NOx	MT	19,213.76	16,484.89
SOx	MT	35,043.84	29,233.46
Particulate matter (PM)	MT	3,173.16	2,863.24
Persistent organic pollutants (POP)	NA	0	0
Volatile organic compounds (VOC)	NA	0	0
Hazardous air pollutants (HAP)	NA	0	0
Others – please specify – *ODS (KG of CFC e11)	MT	22	28.39
Mercury	MT	BDL	BDL
SF6	MT	0	0

*ODS generated is also reported in Scope 1 emission.

Note: Indicate if any independent assessment / evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.

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

Parameter	Unit	FY 2023-24	FY 2022-23
		Current Financial Year	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 e equivalent	18,524,363.70	16,062,495.59
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 e equivalent	36,577.71	26,401.42
Total Scope 1 and Scope 2 emissions per rupee of turnover (Total Scope 1 and Scope 2 GHG emissions / Revenue from operations)		0.00015 Ton CO ₂ e/₹	0.00015 Ton CO ₂ e/₹
Total Scope 1 and Scope 2 emissions 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)		0.0035	0.0033
Total Scope 1 and Scope 2 emissions intensity in terms of physical output		0.62 Ton CO ₂ e/MWh	0.68 Ton CO ₂ e/MWh
Total Scope 1 and Scope 2 emissions intensity (optional) – the relevant metric may be selected by the entity		-	-

Note: Indicate if any independent assessment / evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.

8. Does the entity have any project related to reducing greenhouse gas emission? If Yes, then provide details.

Apart from the plantations each location has specific energy reducing modification projects which in turn contribute to reduce the GHG emissions all throughout their effective life-time operation. These energy use reduction initiatives have resulted in the saving 79,100.3 TCO₂e in FY 2024. Details of these initiatives are available in the Annual report on page number 148

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)	26.51	2.43
E-waste (B)	0	6.02
Bio-medical waste (C)	0.699	0.62
Construction and demolition waste (D)	0	0
Battery waste (E)	89.28	104.54
Radioactive waste (F)	0	0
Other Hazardous waste. Please specify, if any. (G)	90.1975 (used oil + Oil Soaked cotton - 87.3027, E waste - 2.885, Incinerator Ash - 0.008)	30.95
Other Non-hazardous waste generated (H). Please specify, if any. (Break-up by composition i.e. by materials relevant to the sector)	1,358,541.73 (Fly Ash+ bottom Ash - 1,354,685.27, MS Scrap+ Other scrap - 1,400.29, Primary sludge -459.017, Food Waste -1997.156)	1,344,423.44 (Fly ash + bottom Ash: 1,341,737; Primary sludge: 1,156.224; MS Scrap & Other Scrap: 1,528.70; Food waste: 1.515)
Total (A+B + C + D + E + F + G + H)	1,358,748.42	1,344,567.10
Waste intensity per rupee of turnover (Total waste generated / Revenue from operations)	0.00001	0.00001
Waste intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total waste generated / Revenue from operations adjusted for PPP)	0.00025	0.00028
Waste intensity in terms of physical output	0.046	0.057
Waste intensity (optional) – the relevant metric may be selected by the entity	-	-
For each category of waste generated, total waste recovered through recycling, re-using or other recovery operations (in metric tonnes)		
Category of waste: Non Hazardous Waste		
(i) Recycled	1,213.76	142.52
(ii) Re-used	1,365,192.70	1,378,753.48
(iii) Other recovery operations	1,997.156	1,511.39
Total	1,368,403.62	1,380,407.39
For each category of waste generated, total waste disposed of by nature of disposal method (in metric tonnes)		
Category of waste: Hazardous Waste		
(i) Incineration	0.13496	0.612
(ii) Landfilling	0.56436	0
(iii) Other disposal operations	165.422 (recycle: Battery, E waste, used oil+ Oil soaked cotton)	0.00434
Total	166.12132	0.62

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.



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

JSW Energy is dedicated to sustainable waste management practices across its thermal, hydropower, and renewable energy projects. Despite the nature of its business, which focuses on electricity generation, the company takes proactive measures to manage and minimize waste.

The primary hazardous waste generated during operations and maintenance activities is waste oil. This waste oil, though produced in minimal quantities, is responsibly recycled through authorized recycling agencies at all locations, ensuring environmental compliance and resource efficiency. Beyond waste oil, the electricity generation process at JSW Energy does not involve any toxic chemicals, reflecting the company's commitment to minimizing environmental impact.

Furthermore, JSW Energy emphasizes continuous improvement in its waste management practices. The company engages in regular audits and monitoring to ensure compliance with environmental regulations and strives to adopt best practices in waste reduction and recycling. By prioritizing eco-friendly operations, JSW Energy not only reduces its environmental footprint but also sets a benchmark for sustainable practices in the energy sector.

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:

S. No.	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.
The Company does not have any facilities in and around ecologically sensitive areas. However, for the existing thermal power plants, environmental clearances are already in place in line with requirements of MoEF			

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
1 890 MW - SECI IX & X Wind Project Tuticorin, Tamil Nadu	-	09.10.2022	YES EQMS Global Pvt. Ltd. N Delhi	Final Draft along with Stakeholder consultation at sites received from the consultant. It is in active process for finalization of the report by the consultant and JSW relevant Team and shortly it will be communicated to relevant stakeholders as a part of the ESIA study and SMP.	Not applicable at present
2 420 MW- SECI IX & X Wind Project Dharapuram, Tamilnadu	-	09.10.2022	YES EQMS Global Pvt. Ltd. N Delhi	Final Draft along with Stakeholder consultation at sites received from the consultant. It is in active process for finalization of the report by the consultant and JSW relevant Team and shortly it will be communicated to relevant stakeholders as a part of the ESIA study and SMP.	Not applicable at present
3 600 MW CPP Wind Project Sandur, Karnataka	-	09.10.2022	YES EQMS Global Pvt. Ltd. N Delhi	Final Draft along with Stakeholder consultation at sites received from the consultant. It is in active process for finalization of the report by the consultant and JSW relevant Team and shortly it will be communicated to relevant stakeholders as a part of the ESIA study and SMP.	Not applicable at present

* We have done ESIA as a proactive measures for our renewable Projects.

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 there under (Y/N). If not, provide details of all such non-compliances:

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
Yes all plants of JSW Energy are as on date compliant with applicable environmental laws/ regulations and guidelines. Proper clearances from the MOEF are in place for all the plants.				

Leadership Indicators

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

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

- (i) Name of the area: Barmer, Ratnagiri, Vijayanagar & Hydro
- (ii) Nature of operations: Production of Power / Electricity
- (iii) Water withdrawal, consumption and discharge in the following format:

JSW Energy Limited (consolidated) *	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Water withdrawal by source (in kilolitres)		
(i) Surface water	28,178,602.14	28,827,036.55
(ii) Groundwater	614,920.19	0
(iii) Third party water	43,059.57	0
(iv) Seawater / desalinated water	80,971,172.00	58,411,696.18
(v) Others	0	0
Total volume of water withdrawal (in kilolitres)	109,807,753.90	87,238,732.73
Total volume of water consumption (in kilolitres)	28,221,446.90	26,851,886.55
Water intensity per rupee of turnover (Water consumed / turnover)	0.00024 KI/₹	0.00024 KI/₹
Water intensity (optional) – the relevant metric may be selected by the entity	0.095 m3/MWh	0.11 m3/MWh
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water		
No treatment	0	0
With treatment – please specify level of treatment	481,847	653,137
	Domestic waste water treated in STP and discharged back into the river complying with stipulated environmental standard in the Hydro Power Plant	
(ii) Into Groundwater		
No treatment	0	0
With treatment – please specify level of treatment	0	0
(iii) Into Seawater		
No treatment	0	0
With treatment	80,995,927	58,411,696.18
(iv) Sent to third parties		
No treatment	0	0
With treatment – please specify level of treatment	0	0
(v) Others		
	Seawater is used for cooling purpose and it is brought back to ambient level before it is discharged back	
No treatment	0	445,137
With treatment – please specify level of treatment	0	0
Total water discharged (in kilolitres)	81,477,774	59,509,970

Disclosing overall Water withdrawal, consumption and discharge on consolidated basis (JSW Energy).



Barmer: 8X135 MW (High Risk)	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Water withdrawal by source (in kilolitres)		
(i) Surface water	17,434,464	18,899,181
(ii) Groundwater	0	0
(iii) Third party water	0	0
(iv) Seawater / desalinated water	0	0
(v) Others	0	0
Total volume of water withdrawal (in kilolitres)	17,434,464	18,899,181
Total volume of water consumption (in kilolitres)	17,325,971	18,021,676
Water intensity per rupee of turnover (Water consumed / turnover)	0.00060 KI/₹-	0.00059 KI/₹
Water intensity (optional) – the relevant metric may be selected by the entity	-	-
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
(ii) Into Groundwater		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
(iii) Into Seawater		
No treatment		
With treatment – please specify level of treatment	NIL	NIL
(iv) Sent to third parties		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
(v) Others		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
Total water discharged (in kilolitres)		

Ratnagiri (4X300 MW) (Medium Risk)	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Water withdrawal by source (in kilolitres)		
(i) Surface water	563,733	699,472
(ii) Groundwater	0	0
(iii) Third party water	0	0
(iv) Seawater / desalinated water	80,971,172	58,411,696.18
(v) Others	0	0
Total volume of water withdrawal (in kilolitres)	81,534,905	59,111,168.18
Total volume of water consumption (in kilolitres)	538,978	699,472
Water intensity per rupee of turnover (Water consumed / turnover)	0.00002 KI/₹	0.00004 KI/₹
Water intensity (optional) – the relevant metric may be selected by the entity		-
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
(ii) Into Groundwater		
No treatment	NIL	NIL
With treatment – please specify level of treatment		
(iii) Into Seawater		
No treatment		
With treatment	80,995,927.00*	58,411,696.18*
(iv) Sent to third parties		
No treatment	-	-
With treatment – please specify level of treatment	-	-
(v) Others		
No treatment	-	-
With treatment – please specify level of treatment	-	-
Total water discharged (in kilolitres)	80,995,927.00	58,411,696.18

* In Ratnagiri Plant, sea water used in a closed loop for cooling purpose and is not used in processes.

Vijayanagar (860 MW) (High Risk)	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Water withdrawal by source (in kilolitres)		
(i) Surface water	10,151,524.14	8,575,246.55
(ii) Groundwater	NIL	NIL
(iii) Third party water	NIL	NIL
(iv) Seawater / desalinated water	NIL	NIL
(v) Others	NIL	NIL
Total volume of water withdrawal (in kilolitres)	10,151,524.14	8,575,246.55
Total volume of water consumption (in kilolitres)	10,151,524.14	8,130,738.55
Water intensity per rupee of turnover (Water consumed / turnover)	0.00043 KI/₹	0.00021 KI/₹
Water intensity (optional) – the relevant metric may be selected by the entity	-	-
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water		
No treatment	Nil	Nil
With treatment – please specify level of treatment		
(ii) Into Groundwater		
No treatment	Nil	Nil
With treatment – please specify level of treatment		
(iii) Into Seawater		
No treatment	Nil	Nil
With treatment – please specify level of treatment		
(iv) Sent to third parties		
No treatment	Nil	Nil
With treatment – please specify level of treatment		
(v) Others		
No treatment	Nil	Nil
With treatment – please specify level of treatment		
Total water discharged (in kilolitres)		

Hydro Power Plant (1,391 MW) (Medium Risk)	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Water withdrawal by source (in kilolitres)		
(i) Surface water	Nil	Nil
(ii) Groundwater	4,81,847	6,53,137
(iii) Third party water	Nil	Nil
(iv) Seawater / desalinated water	Nil	Nil
(v) Others	Nil	Nil
Total volume of water withdrawal (in kilolitres)	4,81,847	6,53,137
Total volume of water consumption (in kilolitres)	0	0
Water intensity per rupee of turnover (Water consumed / turnover)	0.00 KI/₹	0.00 KI/₹
Water intensity (optional) – the relevant metric may be selected by the entity	-	-
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water		
No treatment		
With treatment – water is routed through STP before discharge	4,81,847	6,53,137
(ii) Into Groundwater		
No treatment		
With treatment – please specify level of treatment		
(iii) Into Seawater		
No treatment		
With treatment – please specify level of treatment		
(iv) Sent to third parties		
No treatment		
With treatment – please specify level of treatment		
(v) Others		
No treatment		
With treatment – please specify level of treatment		
Total water discharged (in kilolitres)	4,81,847	6,53,137

Note: Indicate if any independent assessment / evaluation / assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.



2. Please provide details of total Scope 3 emissions & their intensity:

Parameter	FY 2023-24	FY 2022-23
	Current Financial Year	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)	17,88,821.65 tCO ₂ e	1,634,696.75 tCO ₂ e
Total Scope 3 emissions per rupee of turnover	0.000015 tCO ₂ e/₹	0.000015 tCO ₂ e/₹
Total Scope 3 emission intensity (optional) – the relevant metric may be selected by the entity	0.060	0.069

Note: Indicate if any independent assessment / evaluation / assurance has been carried out by an external agency? (Y / N) If yes, name of the external agency.

Yes, Bureau Veritas (India) Pvt Ltd.

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.

Not Applicable.

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 the outcome of such initiatives:

Sr. No.	Initiative undertaken	Details of the initiative (Web-link, if any, may be provided along-with summary)	Outcome of the initiative
1	Solar & Wind Plants	The organization has commissioned renewable assets	GHG Emission reduction
2	APH tube replacement done in Unit # 2, 5 and 8	At Barmer Plant - Energy consumption was increasing progressively due to APH leakage. Solution - Unit shutdown was taken and APH tube replacement was done.	GHG Emission reduction
3	Power Plant Operation	At Ratnagiri Plant, by implementing Sequential Valve Mode of Turbine Governing Valve Operation and Improvement in turbine cylinder efficiency of unit-3 by overhauling	Saving of Coal leading to GHG Emission reduction
4	Tree Plantations	Tree Plantation is a regular activity in all plants of JSW Energy every year. Total no of tree planted 18,611	Reduce impact of emission
5	Power Plant operation	At Vijayanagar plant - SBU2 U1 GHR Improvement After TG Overhaul -Heat rate improvement by APH Baskets replacement to reduce the leaving air temperature by 22° C from 162° C to 140° C	Saving of Energy consumption leading to reduced GHG emissions

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

JSW Energy has established a comprehensive Business Continuity Policy, approved by the Board, and implemented Business Continuity Plans (BCP) for its major generation plants at Barmer, Ratnagiri, Vijayanagar, and Hydro-Sholtu. These plants have undergone rigorous audits for the Business Continuity Management System (BCMS) and successfully achieved certification under ISO 22301.

The primary goal of the BCP is to ensure business continuity during disruptive incidents, aiming to minimize the impact on human life and other living beings, the environment and related ecosystems, economic losses, and all stakeholders, including investors and employees.

To strengthen the BCP, JSW Energy conducts regular training and awareness sessions across plant locations. In addition to training, the company performs periodic BCP testing to assess its effectiveness and identify areas for improvement based on observed gaps. Through these efforts, JSW Energy ensures a resilient and prepared response to any potential disruptions.

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.

None of the value chain entity have reported & neither it has come to our notice about any environmental impact caused by any value chain partner.

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

The study is under progress

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

Essential Indicators

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

S. No.	Name of the trade and industry chambers / associations	Reach of trade and industry chambers / associations (State / National)
1	Confederation of Indian Industry (CII)	National
2	Federation of Indian Chambers of Commerce & Industry (FICCI)	National
3	The Associated Chambers of Commerce & Industry of India (ASSOCHAM)	National
4	Global Reporting Initiative (GRI)	International
5	Carbon Discloser Project (CDP) India	International
6	Indian Chamber of Commerce	National
7	National Safety Council of India	National
8	Quality Circle Forum of India (QCFI)	National
9	Southern Regional Power Committee (SRPC)	National
10	Bangalore Chamber of Industry and Commerce	National

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
No adverse orders received from regulatory authorities for anti-competitive conduct.		

Leadership Indicators

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

JSW Energy works closely with trade / industry associations in evolving policies that govern the functioning and regulations of Power Sector. The company participates in stakeholder consultation with Industry players and support the Government in framing policies in the following areas:

- Governance and administration
- Economic reforms
- Sustainable business principles
- Energy, water, and other natural resources
- Social and community development
- Transparency in public disclosure
- Non-conventional energy
- Green Hydrogen Mission

JSW Energy, directly as well as through JSW Group teams, engages with the following associations and organizations: CII, FICCI, ASSOCHAM, GRI, CDP, Indian Chamber of Commerce

**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
* for more details refer Principle 6-Essential Indicator Q-12					

* SIA is a part of ESIA conducted during the financial year.

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

S. 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 INR)
Not Applicable						

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

The communities can report their grievances at jswel.investor@jsw.in.

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	51.33%	21.71%
Directly from within India	98.21%	32.98%

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	FY 2023-24 Current Financial Year	FY 2022-23 Previous Financial Year
Rural	0.21%	0.54%
Semi-urban	8.20%	6.74%
Urban	24.54%	22.77%
Metropolitan	67.05%	69.95%

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
No negative social impacts due to our operations were identified in the study	

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

S. No.	State	Aspirational District	Amount spent (In INR)
1.	Himachal Pradesh	Chamba	18,611,412.00

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

No, we do not have a policy on this as yet.

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

NA

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

NA

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:

S. No.	Intellectual Property based on traditional knowledge	Owned / Acquired (Yes/No)	Benefit shared (Yes / No)	Basis of calculating benefit share
		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	Not Applicable/leaken

6. Details of beneficiaries of CSR projects:

CSR Project	No. of persons benefitted from CSR Projects	% of beneficiaries from vulnerable and marginalized groups
Health & Nutrition	88,627	75
Education	10,294	75
Livelihood Enablement	13,535	75
Water, Environment & Sanitation	76,308	75
Waste Management	14,597	75
Promoting of Sports	4,995	75
Community Development	36,142	75

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.

JSW Energy places huge importance on customer feedback and satisfaction. The Company continuously engages with its customers (distribution utilities, designated nodal agencies, Commercial & Industrial enterprises) through various channels and strives to obtain feedback in order to identify areas of concern. The Company has a holistic approach to understand the behaviours, needs, and expectations of its customers and develops appropriate course actions to provide highest quality of service to all.

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

	As a % to total turnover
Environmental and social parameters relevant to the product	Not applicable as JSW Energy is in the business of producing electricity, there are no shelf goods or services that may carry information
Safe and responsible usage	
Recycling and / or safe disposal	

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						
Advertising						
Cyber-security						
Delivery of essential services		Nil			Nil	
Restrictive trade practices						
Unfair trade practices						
Other						

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

	Number	Reasons for Recall
Voluntary Recalls		
Forced Recalls		Not Applicable due to the peculiar nature of business and product.

5. Does the entity have a framework / policy on cyber security and risks related to data privacy? If available, provide a web link to the policy.

Yes. JSW Energy has a well-defined policy on cyber-security as the company considers cybersecurity as a prioritized material topic. The company follows the ISO 27001:2013 framework and is certified for Information Technology compliance. Additionally, the company maintains a board-level committee on "Risk management" who periodically reviews and addresses any cybersecurity risks. Refer link: https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability_Policies/Cyber-Security-Policy-v2.pdf

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 the safety of products / services.

Not Applicable.

7. Provide the following information relating to data breaches:

a. Number of instances of data breaches	None
b. Percentage of data breaches involving personally identifiable information of customers	0%
c. Impact, if any, of the data breaches	Not Applicable

Leadership Indicators**1. Channels/platforms where information on products and services of the entity can be accessed.**

All information regarding business of JSW Energy can be accessed through the Company's website www.jsw.in/energy and in its periodic disclosures such as the annual report and the integrated report. Link - <https://www.jsw.in/energy>

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

Not Applicable owing to the nature of business.

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

Not Applicable owing to the nature of business. -

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)

Not Applicable owing to the nature of business.