

# 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** - 2022-23
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** - ₹1644,67,56,680
12. **Name and 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. Prashant Jain (DIN: 01281621)  
Joint Managing Director & CEO  
Email: jswel.investor@jsw.in  
Phone: 022-42861000
  - b) **BRSR Head:** Mr. Aditya Agarwal  
Head - Renewable  
Email: aditya.agarwal@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** - Are the disclosures under this report made on a standalone basis (i.e., only for the entity) or on a consolidated basis (i.e., for the entity and all the entities which form a part of its consolidated financial statements, taken together) – Disclosures are made on a consolidated basis.

## II. Products/services

### 14. 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 of Thermal & Hydro Power, Power Transmission and Power Trading	Production of Power / Electricity	100%

### 15. 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%

## III. Operations

### 16. 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

### 17. Markets served by the entity:

#### a. Number of locations

Locations	Number
National (No. of States)	12
International (No. of Countries)	1

#### b. What is the contribution of exports as a percentage of the total turnover of the entity? - Not Applicable

#### c. A brief on types of customers - The Company supplies energy and related services to several business customers which are mainly the state discoms. As an energy company, it interacts and engages with B2B customers such as various distribution utilities and Commercial & Industrial customers. Engagement provides a better understanding of customer requirements and how continuous improvement in service can be delivered.

## IV. Employees

### 18. 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)
<b>EMPLOYEES</b>						
1.	Permanent (D)	2,310	2,206	95.5%	104	4.5%
2.	Other than Permanent (E)	NIL	NIL	NIL	NIL	NIL
3.	<b>Total employees (D + E)</b>	2,310	2,206	95.5%	104	4.5%
<b>WORKERS</b>						
4.	Permanent (F)	0	0	0	0	0
5.	Other than Permanent (G)	2,430	2,310	95%	120	5%
6.	<b>Total workers (F + G)</b>	2,430	2,310	95%	120	5%

**b. Differently abled Employees and workers: NIL**

S. No	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
<b>DIFFERENTLY ABLED EMPLOYEES</b>						
1.	Permanent (D)	6	6	100%	0	0%
2.	Other than Permanent (E)	0	0	0%	0	0%
3.	<b>Total differently abled employees (D + E)</b>	<b>6</b>	<b>6</b>	<b>100%</b>	<b>0</b>	<b>0%</b>
<b>DIFFERENTLY ABLED WORKERS</b>						
4.	Permanent (F)	NIL	NIL	NIL	NIL	NIL
5.	Other than permanent (G)	NIL	NIL	NIL	NIL	NIL
6.	<b>Total differently abled workers (F + G)</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>

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

	Total (A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	9	1	11.1%
Key Management Personnel	3	1	33.3%

**20. Turnover rate for permanent employees and workers**

(Disclose trends for the past 3 years)

	FY 2022-23 (Turnover rate in current FY)			FY 2021-22 (Turnover rate in previous FY)			FY 2020-21 (Turnover rate in the year prior to the previous FY)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Permanent Employees</b>	4.79%	0.49%	5.28%	4.44%	0.32%	4.76%	2.03%	0.18%	2.21%

**V. Holding, Subsidiary and Associate Companies (including joint ventures)**
**21. (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%	No
5	Jaigad PowerTransco Limited	Subsidiary	74%	Yes
6	Ind-Barath Energy (Utkal) Limited	Subsidiary	95%	No
7	JSW Hydro Energy Limited	Subsidiary	100%	Yes
8	JSW Energy (Kutehr) Limited	Subsidiary	100%	Yes
9	JSW Renewable Energy (Vijayanagar) Limited	Subsidiary	74%	No
10	JSW Renewable Energy (Amba River) Limited	Subsidiary	100%	No
11	JSW Renewable Energy (Cement) Limited	Subsidiary	100%	No
12	JSW Renewable Energy (Coated) Limited	Subsidiary	100%	No
13	JSW Renewable Energy Technologies Limited	Subsidiary	100%	No
14	JSW Renewable Energy (Dolvi) 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%	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)
18	JSW Renew Energy Two Limited	Subsidiary	100%	No
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 Renew Energy Seven 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 Green Hydrogen Limited	Subsidiary	100%	No
28	Mytrah Vayu (Pennar) Private Limited	Subsidiary	100%	No
29	Bindu Vayu Urja Private Limited	Subsidiary	100%	No
30	Mytrah Vayu (Krishna) Private Limited	Subsidiary	100%	No
31	Mytrah Vayu (Manjira) Private Limited	Subsidiary	73%	No
32	Mytrah Vayu Urja Private Limited	Subsidiary	100%	No
33	Mytrah Vayu (Godavari) Private Limited	Subsidiary	100%	No
34	Mytrah Vayu (Som) Private Limited	Subsidiary	100%	No
35	Mytrah Vayu (Sabarmati) Private Limited	Subsidiary	100%	No
36	Mytrah Aadhya Power Private Limited	Subsidiary	100%	No
37	Mytrah Aakash Power Private Limited	Subsidiary	100%	No
38	Mytrah Abhinav Power Private Limited	Subsidiary	100%	No
39	Mytrah Adarsh Power Private Limited	Subsidiary	100%	No
40	Mytrah Agriya Power Private Limited	Subsidiary	100%	No
41	Mytrah Advait Power Private Limited	Subsidiary	100%	No
42	Mytrah Akshaya Energy Private Limited	Subsidiary	100%	No
43	Nidhi Wind Farms Private Limited	Subsidiary	100%	No
44	Mytrah Ainesh Power Private Limited	Subsidiary	100%	No
45	Mytrah Vayu (Bhavani) Private Limited	Subsidiary	100%	No
46	Mytrah Vayu (Chitravati) Private Limited	Subsidiary	100%	No
47	Mytrah Vayu (Hemavati) Private Limited	Subsidiary	100%	No
48	Mytrah Vayu (Kaveri) Private Limited	Subsidiary	100%	No
49	Mytrah Vayu (Maansi) Private Limited	Subsidiary	100%	No
50	Mytrah Vayu (Palar) Private Limited	Subsidiary	100%	No
51	Mytrah Vayu (Parbati) Private Limited	Subsidiary	100%	No
52	Mytrah Vayu (Sharavati) Private Limited	Subsidiary	100%	No
53	Mytrah Vayu (Tapti) Private Limited	Subsidiary	100%	No
54	Mytrah Tejas Power Private Limited	Subsidiary	100%	No
55	Mytrah Vayu (Adyar) Private Limited	Subsidiary	100%	No
56	JSW Energy Natural Resources Mauritius Limited	Subsidiary	100%	No
57	JSW Energy Natural Resources South Africa Limited	Subsidiary	100%	No
58	Royal Bafokeng Capital (PTY) Limited	Subsidiary	100%	No
59	Mainsail Trading 55 Proprietary Limited	Subsidiary	100%	No
60	South African Coal Mining Holdings Limited	Subsidiary	69.44%	No
61	SACM (Breyten) Proprietary Limited	Subsidiary	69.44%	No
62	South African Coal Mining Equipment Company Proprietary Limited	Subsidiary	69.44%	No
63	Umlabu Colliery Proprietary Limited	Subsidiary	69.44%	No
64	Barmer Lignite Mining Company Limited	Joint Venture	49%	No
65	Toshiba JSW Power Systems Private Limited	Associate	5.30%	No

## VI. CSR Details

21. (i) Whether CSR is applicable as per section 135 of Companies Act, 2013: Yes

(ii) Turnover (in ₹): 10,867.05 crore

(iii) Net worth (in ₹): 18,628.81 crore

## VII. Transparency and Disclosures Compliances

22. Complaints/Grievances on 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 2022-23 Current Financial Year			FY 2021-22 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	Yes	NIL	NIL		NIL	NIL	
Investors (other than shareholders)	Please Refer link <a href="https://www.jsw.in/sites/default/files/assets/industry/Sustainability/21.%20Grievance_Redressal_Mechanism.pdf">https://www.jsw.in/sites/default/files/assets/industry/Sustainability/21.%20Grievance_Redressal_Mechanism.pdf</a>	NIL	NIL		NIL	NIL	
Shareholders		NIL	NIL		5	0	
Employees and workers		NIL	NIL		NIL	NIL	
Customers		NIL	NIL		NIL	NIL	
Value Chain Partners		NIL	NIL		NIL	NIL	
Other (please specify)		NIL	NIL		NIL	NIL	

23. 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)	The rationale for identifying the risk/opportunity	In case of risk, an approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
1	Economic Performance	0	Refers to activities directly impacting the financial performance of the company, investment gains and losses, operating costs	Diligent tax policy to avoid tax risk and adopting sustainable ways to increase operational efficiency.	Positive Implications

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	The rationale for identifying the risk/ opportunity	In case of risk, an approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
2	Data Privacy and Cyber Security	R	Process of implementing measures and systems designed to securely protect and safeguard information and the systems utilising various forms of technology. This also implies that businesses should not use private data obtained beyond the intended use	Cyber insurance and adapting globally interconnected oversight framework including data mapping, global privacy impact assessment, privacy by design, third party contractual oversight, training and awareness programmes, governance, procedures and a mechanism for monitoring regulatory compliance for every geography.	Negative Implications
3	Business Model Resilience	O	Industry's capacity to manage risks and harness opportunities to drive long-term value with quick and beneficial response towards global transitions	NA	Positive Implications
4	ESG based Enterprise risk management	R	Process of identifying potential ESG events and developments that may affect the entity, and would require right actions to manage them within the risk appetite.	Enterprise Risk Management Framework with ESG focus and Obligations Register.	Negative Implications
5	Responsible Investment	O	Investment approach that recognises the generation of long-term sustainable returns and is dependent on stable, well-functioning and well-governed social, environmental and economic systems	NA	Positive Implications
6	Public Policy	R	Refers to the significant issues that would require the organisation's participation and support for public policy development and political causes. Excessive contributions to political campaigns, lobbying expenditures and contributions to trade associations and other tax-exempt groups may damage companies' reputations and create corruption risks.	Political risk insurance and seek support of public policy advocacy.	Negative Implications
7	Occupational Health & Safety	R	Creation of safe and healthy working environment for all the employees including contract workers	Zero tolerance policy for safety breaches and risk awareness programmes.	Negative Implications
8	Supply Chain Management	O	Management of a company's supply chain to mitigate the risks with the effective evaluation of supplier sustainability for the identification of ESG risks and strict adherence to Supplier Code of Conduct. It also extends to harnessing the opportunities of promoting the local suppliers	NA	Positive Implications
9	Customer Relationship Management	O	Timely identification of changing customer sentiments and addressing their needs effectively.	NA	Positive Implications

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	The rationale for identifying the risk/opportunity	In case of risk, an approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
10	Local Considerations	O	This aspect deals with the identification and mitigation of adverse impacts arising out of business operations on local communities, and creating opportunities for enhancing the positive community impacts via community development initiatives	NA	Positive Implications
11	Labour Management	R	Organization's programs to enhance diversity while providing equal opportunity to all employees, fair and equal pay, and good labour practices promoting the well-being of the employees	Diversity Equity Inclusion (DEI) handbook and DEI policy and focused governance structure to oversee practices and concerns pertaining to this aspect, Equal Opportunities Procedure	Negative Implications
12	Human Capital Development	O	Trainings and programmes for the employee skill enhancement via vocational, soft skill enhancement, and sabbaticals to improve the performance and develop an innovative and empowered workforce	NA	Positive Implications
13	Innovation and Digitisation	O	Creates value for both organisation and other stakeholders through digitisation which increases the efficiency, speed, and ease of operation while adopting to new business models	NA	Positive Implications
14	Human Rights	R	Human Rights are non-discriminatory rights inherent to all human beings, regardless of gender, nationality, place of residency, sex, ethnicity, religion, color or any other categorization. This aspect involves the training of employees on human rights, assessment of business operations on human rights, and screening the investment agreements and contracts for human right elements.	Third-party human rights assessment, Whistle-blower Committee and compliance training covering human rights	Negative Implications
15	SocioEconomic Compliance	O	Compliance with all local and national laws and regulations in social and economic area.	NA	Positive Implications
16	Water & Effluent Management	R	Management of issues related to water withdrawal, water consumption, while effluents refer to the water discharge and its management with reference to the impact creation.	Monitoring system to assess eco-efficiency. Optimize water usage by techniques like rain water harvesting etc.	Negative Implications
17	Biodiversity	R	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 Implications

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	The rationale for identifying the risk/opportunity	In case of risk, an approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
18	Emissions	R	Discharge of Greenhouse gases, Ozone depleting substances (ODS), NOx and SOx into the environment. Emissions 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	Supply Chain Decarbonisation Programme, Carbon Capture and Storage (CCS) technologies	Negative Implications
19	Waste Management	R	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 Implications
20	Climate Strategy	O	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 Implications
21	Environmental Compliance	O	Compliance with local and national regulations in environmental area.	NA	Positive Implications
22	Materials	O	Enhancing the resource efficiency and increasing the usage of materials with recycled and reclaimed content across business operations	NA	Positive Implications
23	Energy Management in operations	R	Includes the aspects on energy consumption, energy intensity, employing energy saving measures and employing renewable energy options for greening the business operations.	Improving Energy Efficiency measures in operations	Negative Implications
24	Life cycle Management of Assets	O	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 Implications
25	Enhancement of Renewable Power	O	Supply of Renewable clean power will help reduce CO2 emissions	NA	Positive Implications



## 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 National Guidelines on Responsible Business Conduct (NGRBC) Principles and Core Elements.

Disclosure Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
<b>Policy and management processes</b>									
<b>1. a. Whether your entity's policy/policies cover each principle and its core elements of the NGRBCs. (Yes/No) ^</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>b. Has the policy been approved by the Board? (Yes/No)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>c. Web Link of the Policies, if available</b>	<a href="https://www.jsw.in/groups/sustainability-policies">https://www.jsw.in/groups/sustainability-policies</a>								
<b>2. Whether the entity has translated the policy into procedures. (Yes / No)</b>	Guidelines & procedures have been developed inline covering all the 9 principles related to the respective policy								
<b>3. Do the enlisted policies extend to your value chain partners? (Yes / No)</b>	Yes								
<b>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.</b>	The policies are based on NGRBC, in addition to conformance to the spirit of international standards like ISO 9001, ISO 14001, ISO45001, ISO 50001, ISO26000, SA8000, IFC Performance Standards, OECD Guidelines, UNGC guidelines and 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) and Dow Jones Sustainability Index (DJSI).								
<b>5. Specific commitments, goals and targets set by the entity with defined timelines, if any.</b>	The Company has set a target of becoming a net-zero Company by 2050 by deploying innovative and advance carbon-free platforms in renewables, storage and green hydrogen. It also aims to march towards its mission of achieving 20 GW operational capacity by 2030 by primarily expanding its footprint in the Renewable Energy space, in a deliberate yet calibrated manner through both organic and inorganic means.								
<b>6. Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.</b>	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 FY20 baseline and FY23 performance can be seen in the table provided in the Integrated Report, Sustainability report section.								
<b>Governance, leadership and oversight</b>									
<b>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) - Attached as Annexure Please refer to annual report</b>	Refer to Message from Chairman and Managing Director on Page number 32.								
<b>8. Details of the highest authority responsible for implementation and oversight of the Business Responsibility policy (ies).</b>	The Sustainability Committee of the Board is responsible for implementation and oversight of the BR policies.								

Disclosure Questions	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
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**9. Details of the highest authority responsible for implementation and oversight of the Business Responsibility policy (ies).** 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<sup>^</sup>

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			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								

**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 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
<b>Performance against above policies and follow up action</b>	As a practice, BR policies of the Company are reviewed periodically or on a need basis by department heads, business heads and executive directors. During this assessment, the efficacy of the policies is reviewed and necessary changes to policies and procedures are implemented.																	
<b>Compliance with statutory requirements of relevance to the principles and rectification of any non-compliances</b>	The Company is in compliance with the extant regulations as applicable.																	

	P1	P2	P3	P4	P5	P6	P7	P8	P9
<b>11. Has the entity carried out independent assessment/ evaluation of the working of its policies by an external agency? (Yes/No). If yes, provide name of the agency.</b>	The processes and compliances, however, may be subject to scrutiny by internal auditors and regulatory compliances, as applicable. From a best practices perspective as well as from a risk perspective, policies are periodically evaluated and updated by various department heads, business heads and approved by the management or board. An internal assessment of the workings of the BR policies has been done.								

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

Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
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)									

**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 topics covered include the Committee Meetings which have discussions topics on all principles of BRSR including climate change, biodiversity, water, Sustainability Key Performance Indicators, Global trends on sustainability and best Practices in industry, external ratings and disclosures, Stakeholder engagement and Materiality, climate change Risks and Opportunities etc.	100%
Key Managerial Personnel	1	<p><b>Topics 1. Value Workshop</b> Building a shared &amp; deeper understanding of our values and identifying opportunities to strengthen practice of each value</p> <p><b>Impact:</b> Created a shared understanding of values and its importance to business &amp; people -</p> <ul style="list-style-type: none"> <li>- What each value means &amp; what it does not</li> <li>- Behaviours that demonstrate practice and violation of each value</li> <li>- Relevance of each value to the business &amp; people and its 'negotiability'</li> </ul>	100%
Employees other than BoD and KMPs	979	<p><b>Technical Training:</b> Training Name: Cooling Towers, SKF Bearing Life Improvement Seminar, Training on MIV System, Hot work permit system, Machine Guarding, Boiler Water Chemistry, Boiler efficiency and Turbine Heat rate calculation. Impact: Employees improved their job knowledge and skills at all levels of the organization, improved the morale of the workforce and helps them to identify with organizational goals. They Increased their efficiency and productivity.</p> <p><b>Behavioural Training:</b> Training Name: Conflict Management, Managing Stress and Emotion, Leading self and others and Conflict Management, Critical Thinking and Problem Solving. Impact: Employees enabled to balance their work and life without stress and manage their time and emotions well. They were motivated and ready to take accountability of the given task and develop their leadership skills.</p> <p><b>Functional Training:</b> Training Name: Code of Conduct for Prevention of Insider Trading, Ace your Tax: Higher Tax-Saving Avenues, Microsoft Azure Cloud Services Basics, Session on EPF process. Impact: Employees improved their job knowledge and skills.</p> <p><b>Safety Training:</b> Training Name: Training on LOTO (Lock-Out Tag-Out) &amp; Gap Analysis Survey, Fire Prevention &amp; Fire Fighting, Awareness among People for Safety at work place &amp; Safety Pledge, Awareness of HSE Policy &amp; Sustainability, Work at Height, PTW (Permit to Work), Training on CPR (Cardio-Pulmonary Resuscitation) <b>Impact:</b> Employees gained a solid knowledge of safety topics associated with their jobs and also enhanced skills and knowledge regarding safety both inside and outside the plant.</p>	78%
Workers	2,430	<p><b>Safety Trainings Topics Covered</b></p> <ul style="list-style-type: none"> <li>Stop the Pandemic</li> <li>Work Environment</li> <li>Electrical Safety</li> <li>Conveyor Safety</li> <li>Confined Space Entry</li> <li>PPE</li> <li>Fire Fighting training</li> <li>Road Safety</li> <li>Lifting tools &amp; tackles</li> </ul> <p><b>Impact:</b> 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 properly resulting in less accidents and fatalities at units.</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):**

Nil

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

Case Details	Name of the regulatory/ enforcement agencies/ judicial institutions
NOT APPLICABLE	

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.**

JSW Energy has developed and implemented a robust Policy on Business Conduct available on <https://www.jsw.in/investors/energy/jsw-energy-sustainability-policies>. The policy aims to ensure that all employees conduct themselves in accordance with the highest standards of honesty, integrity and fairness, exercising utmost good faith, judgement and due care in the performance of their duties. It also aims to ensure that the Company has in place the most effective systems to support its employees in delivering the highest standards of business ethics. The Company also has people policies that address anti-corruption & the Company takes every possible measure to monitor & prevent such behaviour. The policy is also extended to all value chain partners in order to promote ethical conduct of business. The Company has defined and openly shared a Code of Practice setting the minimum expectations from suppliers and business partners in relation to ethical conduct of their businesses. The Policy discourages the offering of, promising of, or giving of a bribe or other undue advantage to obtain or retain business or other benefits, either directly or indirectly.

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 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Directors	Nil	Nil
KMPs		
Employees		
Workers		

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

	FY 2022-23 (Current Financial Year)		FY 2021-22 (Previous Financial Year)	
	Number	Remark	Number	Remark
Number of complaints received in relation to issues of Conflict of Interest of the Directors	Nil	NA	Nil	NA
Number of complaints received in relation to issues of Conflict of Interest of the KMPs	Nil	NA	Nil	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

## 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	% of value chain partners covered (by value of business done with such partners) under the awareness programmes
4	<p><b>Topic 1: Environment Awareness &amp; Plantation</b>  <b>Impact:</b> To ensure our customer is aware &amp; sensitive to the environment sustainability - opportunities &amp; Risks arising because of the climate change scenarios and is able to understand and support the climate change initiatives.</p> <p><b>Topic 2: Worker Safety</b>  <b>Impact:</b> To ensure that the value chain partners are aware of the Risks &amp; 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><b>Topic 3: Ethics and governance</b>  <b>Impact:</b> To understand the national and governance norms, ethical business practices, corporate.</p> <p><b>Topic 4: Critical People policies</b>  <b>Impact:</b> Builds a team that is effective, efficient and well motivating, thereby enhancing the confidence and self-esteem of employees</p>	All major suppliers & contractors at all 4 major plants - about 60-70% covered

### 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. The Company undertakes assessment at sites in order to identify any and all potential areas for conflict of interest. It engages with internal and external stakeholders to ensure the comprehensiveness of this assessment process. Based on the outcomes of this assessment process, the Company:

- Enhances its business practices to eliminate any perceived threat of a conflict of interest occurring;
- Reviews and re-confirms the effectiveness of both its external grievance system and associated internal systems through which any potential and actual conflicts of interest can be highlighted, investigated and addressed;
- Provides appropriate training to the Board and employees with regard to how to recognise and avoid conflicts of interest.

**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 the environmental and social impacts of product and processes to total R&D and capex investments made by the entity, respectively.**

	<b>FY 2022-23 Current Financial Year</b>	<b>FY 2021-22 Previous Financial Year</b>	<b>Details of improvements in environmental and social impacts</b>
R&D	0%	0%	
Capex	26.55%	92%	Lower GHG, Lower PM, Health and Safety Creating more livelihood Opportunities

Majority of the Capex in FY23 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?**

JSW Energy Barmer - 30.71%

JSW Energy Ratnagiri - 45%

JSW Energy Vijayanagar - 24.58%

JSW Hydro Energy - 35%

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 – Being an electricity generation company, there is limited scope for reclaiming of its products for further processing. Nonetheless, the company is constantly seeking out opportunities to recycle waste. Fresh water is used for generation of De-mineralized water, which is fed to boiler for generation of steam. The process of generating DM water causes wastewater generation. This is treated in neutralizing pits and the treated effluent is used for condenser makeup. The fresh water used for canteen and toilet purposes is treated through Sewage treatment plant and the treated effluent is used for development of green belt in and around the plant. Regular monitoring of the effluent parameter is being carried out by in-house laboratory. This ensures the efficacy of wastewater management and ensures that the systems are running properly.

The used oil waste, e-waste, plastic waste is recycled through authorized vendors at all locations.

All the Ash waste generated due to burning of coal is utilized inhouse or by cement manufacturers & other construction contractors for making of cement, bricks etc.

The hazardous waste sent to authorized recyclers in FY 2022-23 is 140.645 MT.

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

Not Applicable

## 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 FY22-23

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/Services	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	Recycled or reused input material to total material	
	FY 2022-23 Current Financial Year	FY 2021-22 Previous Financial Year
Water	23.46%	22.37%
Fly Ash	100%	97%
Waste Gases	7.00%	6.9%

The raw material consumed that was re-cycled or re-used was waste gases being used as fuel at Vijayanagar plant, re-cycling of water for usage in cooling cycle, horticulture and supply re-cycled water for irrigation to nearby communities as & when possible. Fly ash generated is sold to fly ash brick manufacturing units. The Company is in constant endeavor for recycling, reusing of material leading to conservation of resources.

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

	FY 2022-23 Current Financial Year			FY 2021-22 Previous Financial Year		
	Reused	Recycled	Safely Disposed	Reused	Recycled	Safely Disposed
Plastic (Including Packaging) MT	0	0	2.43	0	83.12	0
E-Waste MT	0	6.02	0	0	0.38	0
Hazardous waste MT	0	30.085 (waste oil) + 104.54 (battery waste)	0	0	50.65	0
Other Waste MT	1378753.48 (FlyAsh & Bottom Ash + Primary Sludge)	1.875 (Food Waste)	0.62 (Biomedical waste)+1508.31 (MS Scrap)	113620 (FlyAsh & Bottom Ash)	192.30 (battery waste+other)	0

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 - Product is Electricity	



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

**Essential Indicators**

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

Category	% of employees covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity benefits		Day care facilities	
	No (B)	% (B/A)	No. (C)	% (C/A)	No. (D)	% (D/A)	No. (E)	% (E/A)	No. (F)	% (F/A)	
<b>PERMANENT EMPLOYEES</b>											
Male	2,206	2,206	100%	2,206	100%	-	NA	2,206	100%	2,206	100%
Female	104	104	100%	104	100%	104	100%	-	NA	104	100%
<b>Total</b>	<b>2,310</b>	<b>2,310</b>	<b>100%</b>	<b>2,310</b>	<b>100%</b>	<b>104</b>	<b>100%</b>	<b>2,206</b>	<b>100%</b>	<b>2,310</b>	<b>100%</b>

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

Category	% of employees covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity benefits		Day care facilities	
	No (B)	% (B/A)	No. (C)	% (C/A)	No. (D)	% (D/A)	No. (E)	% (E/A)	No. (F)	% (F/A)	
<b>OTHER THAN PERMANENT WORKER</b>											
Male	2,220	2,220	100%	2,220	100%	-	-	2,220	100%	2,220	100%
Female	120	120	100%	120	100%	120	100%	-	-	120	100%
<b>Total</b>	<b>2,340</b>	<b>2,340</b>	<b>100%</b>	<b>2,340</b>	<b>100%</b>	<b>120</b>	<b>100%</b>	<b>2,220</b>	<b>100%</b>	<b>120</b>	<b>100%</b>

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

Benefits	FY 2022-23 Current Financial Year			FY 2021-22 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	2,310	100%	Y	1,603	100%	Y
Gratuity	2,310	100%	Y	1,603	100%	Y
ESI	NA	NA	NA	NA	NA	NA
Others	- One time relocation allowance at the time of retirement					
- please Specify	- 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 respects human rights and nurtures an inclusive culture that does not discriminate on the basis of religion, gender, caste or disabilities and has a policy for equal opportunity for all. The Company has a Human Rights Policy that aims to protect human rights and reinforce the culture of inclusivity and equality within our organisation. The policy can be viewed at:

[https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability\\_Policies/JSWEL\\_Policy\\_on\\_Human\\_Rights.pdf](https://www.jsw.in/sites/default/files/assets/downloads/energy/Corporate%20Governance%20and%20Regulatory%20Information/Sustainability_Policies/JSWEL_Policy_on_Human_Rights.pdf)

The Company also has a Policy on Labour Practices and Employment Rights that affirms its stance on being an equal opportunity employer and treat all employees with respect and dignity and judged solely on their performance irrespective of their race, religion, caste, gender, age, disability and 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](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	
	Return to work rate	Retention Rate
Male	100%	100%
Female	100%	100%
<b>Total</b>	<b>100%</b>	<b>100%</b>

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

	Yes/No (If Yes, then give details of the mechanism in brief)
Permanent Workers	Yes - All HR & Business Leads have set grievance handling mechanism
Other than Permanent Workers	NA
Permanent Employees	Yes -All HR & Business Leads have set grievance handling mechanism
Other than Permanent Employees	NA

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

Category	FY 2022-23 Current Financial Year			FY 2021-22 Previous Financial Year		
	Total employees/ workers in the respective category (A)	No of Employees / workers in the respective category who are part of association/union(B)	%B/A	Total employees/ workers in the respective category (A)	No of Employees / workers in the respective category who are part of association/union(B)	%B/A
<b>EMPLOYEES</b>						
Male	2,220	947	42.66%	1,533	530	34.57%
Female	120	36	30%	70	12	17.14%
<b>Total</b>	<b>2,340</b>	<b>983</b>	<b>42.01%</b>	<b>1,603</b>	<b>542</b>	<b>33.81%</b>
<b>WORKERS</b>						
Male	0	0	0%	443	443	100%
Female	0	0	0%	26	26	100%
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>492</b>	<b>492</b>	<b>100%</b>

#### 8. Details of training given to employees and workers:

Category	FY 2022-23 Current Financial Year					FY 2021-22 Previous Financial Year				
	Total (A)	On health and safety measures		On skill up gradation		Total (A)	On health and safety measures		On skill up gradation	
		No. (B)	% (B/A)	No. (C)	% (C/A)		No. (B)	% (B/A)	No. (C)	% (C/A)
<b>EMPLOYEES</b>										
Male	2,206	2,206	100%	1,299	59%	1,533	1,533	100%	658	43%
Female	104	104	100%	74	71%	70	70	100%	46	66%
<b>Total</b>	<b>2,310</b>	<b>2,310</b>	<b>100%</b>	<b>1,373</b>	<b>59%</b>	<b>1,603</b>	<b>1,603</b>	<b>100%</b>	<b>704</b>	<b>44%</b>
<b>WORKERS</b>										
Male	2,220	2,220	100%	-	-	2,264	2,264	100%	1,155	51%
Female	120	120	100%	-	-	210	210	100%	21	10%
<b>Total</b>	<b>2,340</b>	<b>2,340</b>	<b>100%</b>	<b>-</b>	<b>-</b>	<b>2,474</b>	<b>2,474</b>	<b>100%</b>	<b>1,176</b>	<b>48%</b>

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

Category	FY 2022-23 Current Financial Year			FY 2021-22 Previous Financial Year		
	Total (A)	No. (B)	% (B/A)	Total (C)	No. (D)	% (D/C)
<b>EMPLOYEES</b>						
Male	2,206	2,206	100%	1,533	1,533	100%
Female	104	104	100%	70	70	100%
<b>Total</b>	<b>2,310</b>	<b>2,310</b>	<b>100%</b>	<b>1,603</b>	<b>1,603</b>	<b>100%</b>

All employees of the Company undergo an annual performance appraisal process as determined by the Company. The appraisal process is based on criteria such as grade of the employee, role / designation of the employee, her / his role in and contribution to the overall performance of the Company, the performance of profit centre / division to which she / he belongs, merits of the employee, past performance record, future potential of the employee and / or such other criteria as may be determined by the management.

## 10. Health and safety management system:

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

Yes, occupational health and safety management system coverage is as per ISO 45001:2018. The JSW Group endeavors to prevent all injuries and work-related illnesses. It recognises health and safety as an integral part of its operations by promoting "Zero Harm" in its operations. It aspires to set the highest standards required to comply and exceed applicable statutory health and safety requirements. It provides appropriate trainings to employees, associates, contractors and suppliers to help them work safely. The system helps in assessing risks and provide controls on health and safety hazards in operations and activities. Regular assurance programs are conducted and timely actions are taken. The systems ensure that incidents are reported timely, investigated for root causes and deployment of lessons learnt across the 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
- 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 steering committee.

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

Yes. As part of the group initiative, all JSW employees, business associates & contractors are required to comply with the newly launched "10 JSW CRITICAL SAFETY RULES". These rules cover the most critical safety practices to achieve a notable reduction in injuries & illness. This is a real opportunity for discussion, identifying points for improvement and communication about safety behaviors with the workforce.

JSW expects all levels of management and employees to not only anticipate hazards, but also to address them and stop employees if they deem a work environment or task to be unsafe. Safety Observation (SO) programme is a great way of engaging the workforce. It is mandatory for the leadership team to conduct shop floor walkthrough & identify unsafe acts & conditions.

Additionally, safety improvement of High-Risk operations is done through Risk Rating method and employing teams to brainstorm and find ways to improve safety of these systems using new technology, creating new safety barriers and using administrative controls. Every plant has completed & improved at least 10 High Risk systems.

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

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.

Safety Incident/Number	Category	FY2022-23	FY2021-22
		Current Financial Year	Previous Financial Year
Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked)	Employees	0	0
	Workers	0	0.1
Total recordable work-related injuries	Employees	0	0
	Workers	0	0
No. of fatalities (safety incident)	Employees	0	0
	Workers	0	1
High consequence work-related injury or ill-health (excluding fatalities)	Employees	0	0
	Workers	0	0

In FY23 the overall LTIFR has improved to 0.0 from 0.1 in the previous FY22. There was no recordable or high consequence injury or fatality in any of the operational plants of JSW Energy in the year FY23.

**12. Describe the measures taken by the entity to ensure a safe and healthy work place.**

The organisation emphasises on the importance of maintaining a safe and healthy workplace for all employees, workers and third-party stakeholders who work on its premises.

In the current financial year, all the four major power plants of JSW Energy identified high risk scenarios numbered 16 to 20 (16 to 18 for Barmer). These high risk scenarios were then mitigated through our BHM tool (Barrier Health Management) where new safety systems/processes and controls were added so as to bring down its Risk Rating to below 5 (minimal risk). A Total of 18 such high Risk scenarios were covered across all plants.

As a proactive measure to increase the safety competency of our staff, all employees above L8 grade, across all the four major power plants, completed their BSC (British safety Council) Safety Champion online training consisting of 10 high Risk safety modules. Thus a total of 500+ employees completed their safety champion training and certification.

The Company has developed high risk procedures in line with corporate safety standards. Line managers involvement in Safety Observation systems (SOS) using the software tool, Incident reporting & Investigation using software-based tools. Regular trainings are provided to employees & associates.

Some of the other measures taken at 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
- Confined Space Entry
- QRA
- 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 2022-23 (Current Financial Year)			FY 2021-22 (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	Nil	Nil	Nil	Nil	Nil	Nil
Health & Safety	Nil	Nil	Nil	Nil	Nil	Nil

**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.**

All operational plants were assessed by third party for Occupational Health & safety practices by reputed & authorised third party agencies.

No significant concerns were raised during the audit and nor was there any lapse on the statutory compliance part. However, minor gaps and few opportunities for improvement beyond the compliance were pointed out by the auditors. Majority of the OFI's (Opportunity for Improvement) have been implemented at site locations while few OFI's are under progress (plan for implementation is finalized and work is in progress) at our plant locations. Some of the OFI's, duly implemented, are provided below –

1. Records of periodic maintenance of Flame proof lighting in HFO/LDO area not maintained properly – Rectification done in the record upkeep.
2. Maintenance of electrical equipment in boiler area – Proper preventive maintenance schedule updated for all electrical equipment in boiler area.
3. Ergonomical assessment for employees not done – Ergonomical assessment for employees to be conducted in 1<sup>st</sup> quarter of FY23.
4. Fire Hydrant Testing procedure revised and updated.
5. Training provided on SCBA (Self Contain Breathing Apparatus) usage to concerned team. Included in annual training calendar.
6. Washing room signage displayed at location
7. Loose ladder in MCC room rectified
8. Safety Policy Displayed in both Hindi & English at the main Gate.
9. Painting of corroded steel structure completed
10. Sign Boards in LHS area provided in Hindi language also in addition to English.

**Leadership Indicators**

**1. Does the entity extend any life insurance or any compensatory package in the event of death of (A) Employees (Y/N) (B) Workers (Y/N)?**

- A) Yes  
B) 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		No. of employees that are rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment	
	FY 2022-23	FY 2021-22	FY 2022-23	FY 2021-22
	Current Financial Year	Previous Financial Year	Current Financial Year	Previous Financial Year
Employees	0	0	0	0
Workers	0	0	0	0

**4. Does the entity provide transition assistance programs to facilitate continued employability and the management of career endings resulting from retirement or termination of employment? (Yes/ No)**

Yes. The philosophy behind Company's people management is to empower its employees through a broad range of initiatives directed towards their holistic growth. It believes in continuous learning and keeping abreast of the latest technologies and processes. Continuous work is done on designing and offering new and exciting learning opportunities for all employees.

The JSW Learning Academy acts as a learning platform which operates as an online training and education support on multiple subject areas which the stakeholders can choose from. These courses/trainings aids the employees to develop their soft skills and also acquire special skills needed to take up different jobs in a job rotation scenario aiding in continued employability and a healthy cross-functional work scenario. JSW Energy also ensures that the employees are aware of all the latest technologies and tools which further improves their productivity.

The separated employees are assisted with employment counselling to make their further journey easier. The retired employee can also seek guidance in relation to new roles that can be taken on the basis of their experience apart from monetary benefits.

**5. Details on assessment of value chain partners:**

	<b>% of value chain partners (by value of business done with such partners) that were assessed</b>
<b>Health and safety practices</b>	The Company expects its value chain partners to follow extant regulations, including health and safety practices and working conditions, these parameters are explicitly captured in the procurement contracts. Performance is monitored on various parameters including but not restricted to explicit parameters relating to adherence to health and safety practices and working conditions regulations.  In July 2022 Safety Inspection was done for one of our value chain partner at Trichy carrying out High Risk works at his manufacturing plant. Safety Improvements opportunities were listed and given to vendor for compliance
<b>Working Conditions</b>	

**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.

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 practices enables the value-chain partner to enhance his safety systems, practices and training parameters.

## 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 forms an important group and plays 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

Key Stakeholders	Whether identified as Vulnerable & Marginalised Group (Yes/ No)	Channels of communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community Meetings, Notice Board, Website), Others	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
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 seeks feedback on a regular basis, which is then integrated into the organization's medium- and long-term strategy and planning exercises. This also enables the Company to promote the idea of shared growth and a common prosperous future for the society at large. The Company has formal mechanisms in place to engage key stakeholder groups in a constructive manner and collect valuable feedback, including on areas that are under the purview of the NGRBC Principles, eg in FY23 our Vijayanagar plant conducted a comprehensive 'safety perception survey' for all employees and contract workers covering about 98% employees and around 90% of the workers to understand their safety & welfare requirements. A 'Wellbeing Survey' was also conducted at Vijayanagar taking valuable feedback from the Employees & workers. The analyses on the above responses created a very useful database and opportunities of improvement, further Risk assessment and strategy formulation for implementation of new welfare, safety and wellbeing initiatives. These Surveys are already completed at our Barmer Plant in Rajasthan and are now being planned for our Hydro-power plants in Himachal Pradesh as part of continual Improvement. All the above mentioned initiatives are presented in the Board Sustainability committee meeting.

- 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 policies and activities of the entity.**

Yes. The Company engages with various stakeholders in helping to ensure that every group's expectations are heard. Social development activities are carried out through the JSW Group's JSW Foundation which provides opportunities to communities for their holistic and inclusive development. In addition, the Company has been engaging with a number of ESG consultants and experts in this field, along with rating agencies which helps to better understand expectations of stakeholders and benchmark against best practices. The Foundation also actively works towards eradicating poverty and hunger, tackling malnutrition, promoting social development, addressing social inequalities by empowering vulnerable sections of the society, addressing environmental issues, preserving national heritage and promoting sports training. Through continuous and purposeful engagement with the local communities, we work towards creating a value-based and empowered society. The foundation also collaborated with communities, individuals and the government to facilitate them overcome various livelihood challenges, skilling opportunities and educational support. The various evolving aspects of ESG makes it a 'learning phase' and hence stakeholder interactions remain vital for the Company.

- 3. Provide details of instances of engagement with, and actions taken to, address the concerns of vulnerable/marginalized 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 us 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 48 and 51 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 2022-23 Current Financial Year			FY 2021-22 Previous Financial Year		
	Total (A)	No. of employees/ workers covered (B)	% (B / A)	Total (A)	No. of employees/ workers covered (B)	% (B / A)
<b>EMPLOYEES</b>						
Permanent	2,310	2,310	100%	1,603	1,603	100%
Other than Permanent	NIL	NIL	NIL	NIL	NIL	NIL
<b>Total Employees</b>	<b>2,310</b>	<b>2,310</b>	<b>100%</b>	<b>1,603</b>	<b>1,603</b>	<b>100%</b>
<b>WORKERS</b>						
Permanent	NIL	NIL	NIL	NIL	NIL	NIL
Other than Permanent	2,430	2,430	100%	2,474	2,474	100%
<b>Total Workers</b>	<b>2,430</b>	<b>2,430</b>	<b>100%</b>	<b>2,474</b>	<b>2,474</b>	<b>100%</b>

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

Category	FY 2022-23 Current Financial Year					FY 2021-22 Previous Financial Year				
	Equal to Minimum Wage			More than Minimum Wage		Equal to Minimum Wage			More than Minimum Wage	
	Total (A)	No. (B)	% (B/A)	No. (C)	% (C/A)	Total (D)	No. (E)	% (E/D)	No. (F)	% (F/D)
<b>EMPLOYEES</b>										
<b>Permanent</b>	2,310	0	0	2,310	100%	1,603	0	0	1,603	100%
Male	2,206	0	0	2,206	100%	1,533	0	0	1,533	100%
Female	104	0	0	104	100%	70	0	0	70	100%
<b>Other Than Permanent</b>	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-
<b>Workers</b>										
<b>Permanent</b>	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Male	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Female	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
<b>Other Than Permanent</b>	2340	0	0	2340	100%	2457	0	0	2457	100%
Male	2220	0	0	2220	100%	2268	0	0	2268	100%
Female	120	0	0	120	100%	189	0	0	189	100%

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

	Male		Female	
	Number	Median remuneration/ salary/wages of respective category in ₹	Number	Median remuneration/ salary/wages of respective category in ₹
Board of Directors (BoD) (Whole-time directors)				
Key Managerial Personnel (other than BoD)				
Employees other than BoD and KMP*				
Workers				

\*\* Please refer Annexure D of the Directors Report details on remuneration

**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 has put in place a robust Grievance Redressal process for investigation of employee concerns and has instituted a Code of Conduct & Employee Service Rules that clearly delineates employee responsibilities and acceptable employee conduct. All employees can register their grievances online, where a dedicated link is available in the company portal. They may also put in a written grievance letter through respective HR departments. The issue once registered is duly addressed through a High Level Committee constituted for the purpose.

Together, these constitute the foundation for promoting a diverse and inclusive culture at the workplace.

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

	FY 2022-23 Current Financial Year			FY 2021-22 Previous Financial Year		
	Filed during the year	Pending resolution at the end of the year	Remarks	Filed during the year	Pending resolution at the end of the year	Remarks
Sexual Harassment	Nil	Nil		Nil	Nil	
Discrimination at workplace	Nil	Nil		Nil	Nil	
Child labour	Nil	Nil		Nil	Nil	
Forced labour / Involuntary labour	Nil	Nil		Nil	Nil	
Wages	Nil	Nil		Nil	Nil	
Other human right related issues	Nil	Nil		Nil	Nil	

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

The Company believes in promoting diversity & inclusion as a culture which allows all employees to bring their authentic selves to work and contribute wholly with their skills, experience and perspective for creating unmatched value for all stakeholders. It provides a rules-based policy framework that is non-discriminatory and provides equal opportunity for all individuals irrespective of their gender, religion, caste, race, age, community, physical ability or gender orientation. The Company to ensure a safe, secure and congenial work environment, so that employees can deliver their best without inhibition. The Company has put in place a robust Grievance Redressal process for investigation of employee concerns and has instituted a Code of Conduct & Employee Service Rules that clearly delineates employee responsibilities and acceptable employee conduct. Together, these constitute the foundation for promoting a diverse and inclusive culture at the workplace.

**8. 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.

**9. Assessments for the Year:**

% of your plants & offices that were assessed (by entity or statutory authorities or third parties)	
Child labour	Nil
Forced/involuntary labour	Nil
Sexual harassment	Nil
Discrimination at workplace	Nil
Wages	Nil
Others – please specify	Nil

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

There were no significant risks or concerns (considering Q9)

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

As there were no Human Rights issues in the FY23 no business process was modified / introduced due to this.

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

NIL

**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	
Discrimination at workplace	
Child labour	
Forced labour/Involuntary labour	100%
Wages	
Others – please specify	

\*\*The Purchase order / Contract document of the value chain partners includes clauses on the above mentioned matters for adherence.

However, JSW Energy has already initiated an ESG Assessment for 75+ value chain partners (Spend Analysis basis) covering the above points, in March 2023. The Assessment shall be completed by Q1FY24.

**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 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Total electricity consumption (A)	57,95,223.12	53,63,811.86
Total fuel consumption (B) - GJ	8,86,29,496.61	8,66,73,658.45
Energy consumption through other sources (C)	0	0
<b>Total energy consumption (A+B+C) - GJ</b>	<b>9,44,24,719.73</b>	<b>9,20,37,470.31</b>
Energy intensity per rupee of turnover (Total energy consumption/ turnover in rupees)	0.000869	0.001053
Energy 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 - Assurance done by KPMG Assurance and Consulting Services LLP

\* Reference:

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	3,559.00	2,926.25
PAT Cycle 2	2,917.40	2,883.69
PAT Cycle 7	2,877.11	-

#### Vijayanagar Plant

##### SBU1

PAT Cycle	Target	Actual
PAT Cycle 1	2503	2,422.74
PAT Cycle 2	2,423.77	2,413.07

##### SBU2

PAT Cycle	Target	Actual
PAT Cycle 1	2,420	2,416.53
PAT Cycle 2	2,414.6	2,411.11

#### Ratnagiri Plant

PAT Cycle	Target	Actual
PAT Cycle 2	2,555	2,539

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

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Water withdrawal by source (in kilolitres)</b>		
(i) Surface water	2,88,27,036	2,48,24,795
(ii) Groundwater	28,017	0
(iii) Third party water	0	0
(iv) Seawater / desalinated water	5,84,11,696	6,53,25,454
(v) Others		
<b>Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)</b>	8,72,66,749	9,41,88,905
<b>Total volume of water consumption (in kilolitres)</b>	2,62,09,609	*2,48,24,795
<b>Water intensity per rupee of turnover</b> (Water consumed / turnover)	0.00024	0.00028
<b>Water intensity</b> (optional) – the relevant metric may be selected by the entity	1.11 m <sup>3</sup> /MWh	1.11 m <sup>3</sup> /Mwh

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 – Assurance done by KPMG Assurance and Consulting Services LLP

\*Note – Water Stored values are not included in consumption

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

Yes. JSW Energy, recognises the need for the efficient management of water resources within and outside its operating sites. Efforts are made to increase water use efficiency, while also ensuring its availability for all stakeholders. All plants are based on the principle of 'ZERO LIQUID DISCHARGE'. Waste water is treated and recycled in the water use cycle or diverted for horticulture use. Domestic waste water is also treated in the STP (Sewage Treatment Plant) and recycled / utilized in the horticulture development.

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

Parameter	Please specify unit	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
NOx	Metric Tonnes	16,484.89	18,137.79
SOx	Metric Tonnes	29,233.46	33,810.60
Particulate matter (PM)	Metric Tonnes	2,863.24	3,124.68
Persistent organic pollutants (POP)	NA (Not applicable)	NA	NA
Volatile organic compounds (VOC)	NA	NA	NA
Hazardous air pollutants (HAP)	NA	NA	NA
Others-please Specify- ODS (KG of CFC e11)	NA	28.39	11.45

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 – KPMG Assurance & Consulting Services LLP

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

Parameter	Unit	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Total Scope 1 emissions</b> (Break-up of the GHG into CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> , NF <sub>3</sub> , if available)	tCO <sub>2</sub> e	1,60,62,495.59	150,86,661.31
<b>Total Scope 2 emissions</b> (Break-up of the GHG into CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> , NF <sub>3</sub> , if available)	tCO <sub>2</sub> e	26,401.42	33,292.43
<b>Total Scope 1 and Scope 2 emissions per rupee of turnover</b>		0.00015	0.00017
<b>Total Scope 1 and Scope 2 emission intensity</b> (optional) – the relevant metric may be selected by the entity	tCO <sub>2</sub> e/MWh	0.68	0.68

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 - KPMG Assurance & Consulting Services LLP

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

Considering all the major plants at Hydro, Barmer, Vijayanagar and Ratnagiri, the organization has collectively planted around 33,719 saplings / plants in this FY22-23.

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 of 41.32 MU of electricity in FY22-23.

The Company has been gradually marching towards green and renewable energy by planting around 33719 plants till date. Plantation of local species is carried out every year to restore and rehabilitate the dumping sites with a survival rate more than 70 %. Green Cover has been increased near the colonies. The area in the plant premises has been converted into the green cover. A community playground has been developed near the colony. Sewage Treatment Plants are installed. Sholtu (600 KLD), Wangtoo PH (15 KLD), Baspa PH (15 KLD), Kuppa Camp (36 KLD). Effluent discharged is checked on regular basis by the Himachal Pradesh State Pollution Control Board and third party and are in permissible limits. Solid waste from the colonies and mess are segregated in non-biodegradable and biodegradable waste at the source itself. Fuel and manure is prepared by Biodegradable Domestic waste. Each location is provided with Composter of different capacity. The non-biodegradable waste is stored and sent to the vendors for further disposal and recycling.

At Barmer Plant - APH Tube replacement done in Unit#4 RHS SA1 &PA1 (Energy savings - 2276 KW) Problem- Primary Air (PA) fan, secondary Air (SA) fan and Induced draft (ID) fan Energy consumption was increasing progressively in Unit-4 Boiler due to APH leakage. Solution- Unit shutdown was taken and APH tube replacement was done. Benefit- Reduction in Total Fan Power consumption by 2276 KW.

At Ratnagiri Plant, by implementing Sequential Valve Mode of Turbine Governing Valve Operation, Energy saving of 63532.38 GJ (17647 MWh) was accrued during the operations and it also resulted in saving of 5651 GHG emission.

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

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Total Waste generated (in metric tonnes)		
Plastic waste (A)	2.43	0
E-waste (B)	6.02	0.38
Bio-medical waste (C)	0.62	0.012
Construction and demolition waste (D)	0	0
Battery waste (E)	104.54	192.3
Radioactive waste (F)	0	0
Other Hazardous waste. Please specify, if any. (G)	30.95	50.65
Other Non-hazardous wastegenerated (H). Please specify, if any. (Break-up by composition i.e., by materials relevant to the sector)	(Fly ash + bottom Ash: 13,41,737; Primary sludge: 1,156,224; MS Scrap & Other Scrap: 1,528,70; Food waste: 1.515)	14,93,373.43
<b>Total (A + B + C + D + E + F + G + H)</b>	<b>13,44,567.10</b>	<b>14,93,616.77</b>
<b>For each category of waste generated, total waste recovered through recycling, re-using or other recovery operations (in metric tonnes)</b>		
<b>Category of waste</b>		
(i) Recycled	142.52	11,16,561.26
(ii) Re-used	13,78,753.48	
(iii) Other recovery operations	1,511.39	3,77,055.51
<b>Total</b>	<b>13,80,407</b>	<b>14,93,616.77</b>
<b>For each category of waste generated, total waste disposed by nature of disposal method (in metric tonnes)</b>		
<b>Category of waste</b>		
(i) Incineration	0.612	0
(ii) Landfilling	0	0
(iii) Other disposal operations	0.00434	3,61,428.18
<b>Total</b>	<b>0.62</b>	<b>3,61,428.18</b>

**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 - KPMG Assurance & Consulting Services LLP

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

As JSW Energy is in the business of generating electricity through thermal, hydropower and renewable projects and the product as such is electricity. The hazardous waste generated during the O&M activity is the waste oil which is recycled through authorized recycling agencies at all locations. The quantity of this waste oil is low. Other than this, there is no involvement of any Toxic chemicals in the process of generating electricity.

**10. 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:**

Not Applicable. The Company does not have any facilities in and around ecologically sensitive areas and as such n environmental/ clearances are required.

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

Although, required Environmental Impact Assessments (EIAs) were performed during the project initiation stages, there have been no EIAs performed during the reporting period in absence of any new projects undertaken.

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

Yes, 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. Provide break-up of the total energy consumed (in Joules or multiples) from renewable and non-renewable sources, in the following format:**

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>From renewable sources</b>		
Total electricity consumption (A)	1,24,444 GJ	1,26,000 GJ
Total fuel consumption (B)	0	0
Energy consumption through other sources (C)	0	0
<b>Total energy consumed from renewable sources (A+B+C)</b>	1,24,444 GJ	1,26,000 GJ
<b>From non-renewable sources</b>		
Total electricity consumption (D)	56,70,779.08 GJ	52,37,811.86 GJ
Total fuel consumption (E)	8,86,29,496.61 GJ	8,66,73,658.45 GJ
Energy consumption through other sources (F)		0
<b>Total energy consumed from non-renewable sources (D+E+F)</b>	9,43,00,275.69 GJ	9,19,11,470.31 GJ

**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 - KPMG Assurance and Consulting Services LLP



**Provide the following details related to water discharged:**

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Water discharge by destination and level of treatment (in kilolitres)</b>		
(i) To Surface water	653137	585,044
- 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.	Nil
(ii) To Groundwater	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(iii) To Seawater	5,84,11,696	6,53,25,454
- 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	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(v) Others (under ZLD initiative RO reject water is forwarded to JSW Steel for utilization in the coal beneficiation Plant)	445137	Nil
- No treatment		
- With treatment – please specify level of treatment		
<b>Total water discharged (in kilolitres)</b>	<b>5,95,09,970</b>	<b>6,59,10,499</b>

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 – KPMG Assurance & Consulting Services LLP

**2. 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:**

**Barmer: 8X135 MW**

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Water withdrawal by source (in kilolitres)</b>		
(i) Surface water	18899181	1,96,71,803
(ii) Groundwater		
(iii) Third party water		
(iv) Seawater / desalinated water	NIL	NIL
(v) Others		
<b>Total volume of water withdrawal (in kilolitres)</b>	<b>18899181</b>	<b>1,96,71,803</b>
<b>Total volume of water consumption (in kilolitres)</b>	<b>18021676</b>	<b>16263378</b>
<b>Water intensity per rupee of turnover</b> (Water consumed / turnover)	0.00059	0.00028
<b>Water intensity</b> (optional) – the relevant metric may be selected by the entity		
<b>Water discharge by destination and level of treatment (in kilolitres)</b>		
(i) Into Surface water	Nil	Nil
- No treatment		

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
- With treatment – please specify level of treatment		
(ii) Into Groundwater	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(iii) Into Seawater	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(iv) Sent to third-parties	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(v) Others – Water losses	NIL	Nil
- No treatment		
- With treatment – please specify level of treatment		
<b>Total water discharged (in kilolitres)</b>		

#### RATNAGIRI: (4X300 MW)

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	6,99,472	9,42,299
(ii) Groundwater	Nil	Nil
(iii) Third party water	Nil	Nil
(iv) Seawater / desalinated water	5,84,11,696.18	6,53,25,454.92
(v) Others		
<b>Total volume of water withdrawal (in kilolitres)</b>	<b>5,91,11,168.18</b>	<b>6,53,25,454.92</b>
<b>Total volume of water consumption (in kilolitres)</b>	<b>6,99,472</b>	<b>9,42,299</b>
Water intensity per rupee of turnover (Water consumed / turnover)	0.00004	0.00007
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	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(ii) Into Groundwater	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(iii) Into Seawater		
- No treatment		
- With treatment	5,84,11,696.18*	6,53,25,454.92
(iv) Sent to third-parties	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(v) Others		
- No treatment		
- With treatment – please specify level of treatment		
<b>Total water discharged (in kilolitres)</b>	<b>5,84,11,696.18</b>	<b>6,53,25,454.92</b>

\* In Ratnagiri the sea water is used in a closed loop for cooling purposes and is not used in process.

### VIJAYANAGAR (860 MW)

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Water withdrawal by source (in kilolitres)</b>		
(i) Surface water	85,75,246.55	74,14,527.13
(ii) Groundwater	Nil	Nil
(iii) Third party water	Nil	Nil
(iv) Seawater / desalinated water	Nil	Nil
(v) Others	Nil	Nil
<b>Total volume of water withdrawal (in kilolitres)</b>	<b>85,75,246.55</b>	<b>74,14,527.13</b>
<b>Total volume of water consumption (in kilolitres)</b>	<b>81,30,738.55</b>	<b>74,14,527.13</b>
Water intensity per rupee of turnover (Water consumed / turnover)	0.00021	0.00033
Water intensity (optional) – the relevant metric may be selected by the entity		
<b>Water discharge by destination and level of treatment (in kilolitres)</b>		
(i) Into Surface water	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(ii) Into Groundwater	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(iii) Into Seawater	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(iv) Sent to third-parties	NIL	NIL
- No treatment		
- With treatment – please specify level of treatment		
(v) Others (under ZLD initiative RO reject water is forwarded to JSW Steel for utilization in the coal beneficiation Plant)	4,45,137	Nil
- No treatment		
- With treatment – please specify level of treatment		Nil
<b>Total water discharged (in kilolitres)</b>	<b>4,45,137</b>	<b>Nil</b>

### HYDRO POWER PLANT (1391MW)

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	6,53,137	7,89,634.30
(ii) Groundwater	Nil	Nil
(iii) Third party water	Nil	Nil
(iv) Seawater / desalinated water	Nil	Nil
(v) Others	Nil	Nil
<b>Total volume of water withdrawal (in kilolitres)</b>	<b>6,53,137</b>	<b>7,89,634.30</b>
<b>Total volume of water consumption (in kilolitres)</b>	<b>0</b>	<b>2,04,590</b>
Water intensity per rupee of turnover (Water consumed / turnover)	0.0	0.00001
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 plant before discharge	6,53,137	5,85,044.3
(ii) Into Groundwater	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		

Parameter	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
(iii) Into Seawater	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(iv) Sent to third-parties	Nil	Nil
- No treatment		
- With treatment – please specify level of treatment		
(V) Others	0	Nil
- No treatment		
- With treatment – please specify level of treatment		
<b>Total water discharged (in kilolitres)</b>	<b>6,53,137</b>	<b>5,85,044.3</b>

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 - KPMG Assurance and Consulting Services LLP

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

Parameter	Unit	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
<b>Total Scope 3 emissions</b> (Break-up of the GHG into CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> , NF <sub>3</sub> , if available)	Tonnes of CO <sub>2</sub> equivalent	16,34,696.75	12,19,298.14
<b>Total Scope 3 emissions per rupee of turnover</b>		0.000015	0.00001
<b>Total Scope 3 emission intensity</b> (optional) – the relevant metric may be selected by the entity	tCO <sub>2</sub> e/Mwh	0.069	0.055

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 - KPMG Assurance & Consulting Services LLP

### 4. With respect to the ecologically sensitive areas reported at Question 10 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.

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

Sr. No	Initiative undertaken	Details of the initiative (Web-link, if any, may be provided along-with summary)	Outcome of the initiative
1.	Solar & Wind Plants	The organization has commissioned 225 MW Solar Plant and 27 MW Wind Power plant in FY 22-23	GHG Emission reduction
2.	APH tube replacement	<b>At Barmer Plant</b> - Energy consumption was increasing progressively due to APH leakage. Solution- Unit shutdown was taken and APH tube replacement was done. Benefit- Reduction in Total Fan Power consumption by 2276 KW.	GHG Emission reduction
3	Power Plant Operation	<b>At Ratnagiri Plant</b> , by implementing Sequential Valve Mode of Turbine Governing Valve Operation, Energy saving of 63532.38 GJ (17647 MWh) was accrued during the operations and it also resulted in saving of 5651 GHG emission.	GHG Emission reduction
4.	Tree Plantations	Tree Plantation is a regular activity in all plants of JSW Energy every year. The number of trees planted location wise were: Vijayanagar - 3811, Barmer - 5720,, Ratnagiri - 5865, Hydro - 3223 and Dharapuram and Tuticorin: 15100	Reduce impact of emission

Sr. No	Initiative undertaken	Details of the initiative (Web-link, if any, may be provided along-with summary)	Outcome of the initiative
5.	Utilization of PTP Sludge	The sludge generated from PTP plant was not fully utilized and unused sludge had to be dumped which consumed additional cost for chemicals, electricity, transportation and land. The sludge is now used in Horticulture as manure saving all cost related to dumping alongwith 20% reduction in fertilizer cost for horticulture activity	Reduce impact due to effluent discharge / waste generated.

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

The Company has a Business Continuity Policy duly approved by the Board and major generation plants have formulated Business Continuity Plans (BCP). These plants (at Barmer, Ratnagiri, Vijayanagar & Hydro-Sholtu) have gone through a rigorous BCMS(Business Continuity Management System) Audit and have successfully completed the BCMS certification under ISO 22301.

The main objective of BCP is to maintain business continuity under disruptive incidents with an aim to minimize impact on -

- Human life and other living beings
- Environment and related eco systems
- Economic losses
- All stakeholders (such as investors, employees)

To make this BCP more robust, Company plans training and awareness sessions across the Plant locations. Apart from training, BCP testing is done periodically to check its efficacy and improving it further based on the gaps observed during testing.

**7. 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.

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

JSW Energy has initiated an ESG assessment survey of our value chain partners for which a specially design ESG questionnaire has been rolled out in FY22-23. The study is under progress and shall be completed in Q1 of FY24.

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

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
11	Grow Care India	National

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

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

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
NIL					

\* No SIA was done in the current financial year. However specific social development programme impact assessments were done at Barmer, Ratnagiri, Hydro Sholtu and Hydro-Kutehr project. The assessments were carried out by an external agency.

Barmer: Traditional handicraft promotion initiative

Sholtu: Shikhar-Boxing development; Charkha-promoting handloom skills

Kutehr: Mobile health services - affordable healthcare services

Ratnagiri: Agriculture development initiatives

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

Not Applicable

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

The grievance could be written at [jswel.investor@jsw.in](mailto:jswel.investor@jsw.in). This is provided in the Integrated Report which is made available on the Company's website. The grievance could also be sent to any of the plant locations who will handle the same.

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

	FY 2022-23 (Current Financial Year)	FY 2021-22 (Previous Financial Year)
Directly sourced from MSMEs/ small producers	21.71%	27%
Sourced directly from within the district and neighbouring districts	32.98%	44%

### 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
NIL*	

\* No SIA was done in the current financial year

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	Tamilnadu - Social Development - community development, integrated water resource management, google transformation program,	Tuticorin & Dharapuram	49,45,57,943

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
1	NIL			

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

Name of authority	Brief of the Case	Corrective action taken
	Not Applicable	

6. **Details of CSR amount spent against ongoing projects for the financial year:**

**CSR Amount allocated - 2% of average net profit as per Section 135(5) = 27.91 crore**

Sl.	Key CSR Initiatives in FY2023	Thrust Areas and Spends (₹ crore)
1	Water, Environment, Sanitation and Waste Management	5.05
2	Sports Promotion	1.10
3	Skills and Livelihood	2.40
4	Project Management	0.98
5	Health and Nutrition	4.33
6	Education	8.40
7	Community Development and Infrastructure	5.37
8	Agricultural Livelihood	0.27
	<b>Total</b>	<b>27.91</b>

#### **Beneficiaries from vulnerable and marginalized groups**

The Company's objective is to pro-actively support meaningful socio-economic development in India and enable a larger number of people to participate in and benefit from India's economic progress. This is based on the belief that growth and development are effective only when they result in wider access to opportunities and benefit a broader section of society. All CSR initiatives are for the support of the communities near the Plant Location, underprivileged / those who belong to the vulnerable / marginalized sectors of the society.

**Number of direct beneficiaries impacted: 2,33,021**



**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.**

All grievances could be submitted at [jswel.investor@jsw.in](mailto:jswel.investor@jsw.in). This is provided in the Integrated Report which is made available on the Company's website. The grievances of the community could also be sent to any of the plant locations HR / Admin teams who will handle the same.

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

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

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

	FY 2022-23			FY 2021-22		
	Current Financial Year			Previous Financial Year		
	Received during the year	Pending resolution at end of year	Remark	Received during the year	Pending resolution at end of year	Remarks
Data privacy	There have been no consumer complaints received in respect of these practices.			There have been no consumer complaints received in respect of these practices.		
Advertising						
Cyber-security						
Restrictive Trade Practices						
Unfair Trade Practices						
Others						

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

	Number	Reason for Recall
Voluntary Recall		
forced Recall		Not Applicable due to the peculiar nature of product.

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

Yes. JSW Energy has under the Ethics or Code of Conduct, included the Cyber security, including data and information security. The Company also has a Board Level Committee on 'Risk management' which includes the Cyber Security Risk.

<https://jswworld.jsw.in/sites/default/files/JSW%20Code%20of%20Conduct%20Policy.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 safety of products / services.**

Not Applicable.

## Leadership Indicators

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

All information regarding business of JSW Energy can be accessed through the Company's website [www.jsw.in/energy](http://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 – JSW Energy has 'Electricity' as its product and it is not directly involved in the distribution services to the consumer.

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

Not Applicable – JSW Energy has 'Electricity' as its product and it is not directly involved in the distribution services to the consumer.

**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 – JSW Energy has 'Electricity' as its product and it is not directly involved in the distribution services to the consumer.

**5. Provide the following information relating to data breaches:**

- a. Number of instances of data breaches along-with impact - None
- b. Percentage of data breaches involving personally identifiable information of customers – Not Applicable