

SUSTAINABILITY REVIEW SECTION

JSW's Sustainability Vision aligns the activities and strategies in line with the global goals on mitigating climate change and aligning to a low-carbon economy. The business strategy is based on 3 major pillars - Environmental Stewardship, Social Development and Governance which define the path to further the progression for improvisation of the performance against major material issues.

JSW Energy has identified 17 key focus areas across the three pillars of ESG, which are aligned to the 17 UN Sustainable Development Goals. The organization ensures that the identified material issues are augmented by various internal policies and procedures to monitor and evaluate performance against the same. While JSW Energy not only ensures due diligence with respect to its material issues for internal performance mapping the organization has also initiated the assessment to extend it to the value chain partners to align them with JSW's sustainability agenda. This will help JSW Energy in identifying and mitigating the sustainability risks across its business units in an effective and timely manner.

As a part of the commitment with respect to climate change agenda, the organization is aligned with SBTi and also has in place, carbon neutrality targets by 2050. JSW Energy proactively tracks its performance by means of set KPIs to understand the progression with respect to climate change in a timely manner.

Our Sustainability Strategy: Key Elements

The sustainability culture at JSW is based on certain key elements which work in synergy for achieving the Company's vision around the sustainability strategy

LEADERSHIP

The leadership at JSW Energy is passionate towards the sustainability agenda and constantly upgrades knowledge and information on the ESG aspects relevant to the business and sector. This state-of-the-art approach in sustainability which trickles from top to bottom is instrumental in giving an edge to JSW Energy for effective implementation of sustainability strategy.

STAKEHOLDER ENGAGEMENT

Meaningful interaction with the stakeholders help JSW Energy in understanding the stakeholder expectations which are then taken into consideration in setting the goals and targets around sustainability to create a long-term value for all the stakeholders.

COMMUNICATION

Digitalisation in communication has enhanced JSW's internal channels of communication which ensures effective and timely communication with all the stakeholders resulting in better coordination and dissemination of information from plant level to the group level.

PLANNING

The sustainability strategy of JSW Energy effectively maps the material issues which helps the organisation in timely mitigation of risks and harnessing the opportunities for a greater value creation.

IMPROVEMENT




























JSW Energy continuously strives to identify potential opportunities for performance improvement across material topics especially with respect to Environment, Social and Governance in alignment with the three sustainability pillars.

MONITORING

The organisation continuously engages with its plant level teams and corporate team to map progress against the key performance indicators on a monthly basis to ensure a timely feedback is provided on the matters requiring intervention.

REPORTING

Disclosing performances, transparently to the stakeholders using Global Reporting Initiative (GRI).

Pillars of Sustainability	Key Focus Areas	Alignment to SDGs
Environmental Stewardship	Climate Change	13 CLIMATE ACTION 
	Energy	7 AFFORDABLE AND CLEAN ENERGY 
	Resources	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
	Water Resources	6 CLEAN WATER AND SANITATION 
	Waste	11 SUSTAINABLE CITIES AND COMMUNITIES  12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
	Wastewater	6 CLEAN WATER AND SANITATION  11 SUSTAINABLE CITIES AND COMMUNITIES  12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
	Air Emissions	13 CLIMATE ACTION 
	Bio-diversity	15 LIFE ON LAND 
	Local Considerations	11 SUSTAINABLE CITIES AND COMMUNITIES 
Social Development	Health & Safety	15 LIFE ON LAND  12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
	Indigenous People	11 SUSTAINABLE CITIES AND COMMUNITIES 
	Cultural Heritage	11 SUSTAINABLE CITIES AND COMMUNITIES 
	Social Sustainability	10 REDUCED INEQUALITIES  17 PARTNERSHIPS FOR THE GOALS 
	Supply Chain Sustainability	11 SUSTAINABLE CITIES AND COMMUNITIES  12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
	Employee Well-being	8 DECENT WORK AND ECONOMIC GROWTH  5 GENDER EQUALITY  10 REDUCED INEQUALITIES 
Governance	Human Rights	16 PEACE, JUSTICE AND STRONG INSTITUTIONS  5 GENDER EQUALITY  10 REDUCED INEQUALITIES 
	Business Ethics	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 

CORPORATE OVERVIEW

SERVING STAKEHOLDERS

CAPITALS AND MD&A

STRATEGIES FOR GROWTH

BUILT ON GOVERNANCE

FINANCIAL STATEMENTS

SUPPORTING INFORMATION

Sustainability Key Focus Initiatives

JSW Energy's Sustainability Strategy has been aligned with the long-term vision of value creation for all its stakeholders around Environment, Economy and Social parameters. The organisation has committed to climate change by aligning with TCFD and is also mapping the ESG performance of its supply chain partners to align them with the organisational commitments around ESG.

Key Focus Area	Initiatives
<p>Climate Resilience for Business – Global NetZero Agenda</p> 	<ul style="list-style-type: none"> • Scenario Analysis with respect to transitional risks across its operations in alignment with RCP 8.5 and RCP 4.5 • Identification and Prioritisation of Asset Level Risks • Analysis of financial impacts of climate change risks for both physical and transitional • Cost-Benefit Analysis of financial impacts • Phase 1 TCFD Risk Assessment to be completed in FY 2024
<p>Supplier Sustainability Assessment – Extending ESG to supply chain</p> 	<ul style="list-style-type: none"> • Sustainability Assessment is in progress for approximately 75 critical suppliers • The suppliers are assessed against the parameters of including Energy usage, Water consumption and Waste Management • A digital self-assessment questionnaire has been rolled out to the critical Tier 1 suppliers • The assessment shall enable JSW Energy to identify suppliers who have ESG agenda in place and futuristically can continuously monitor the improvement on energy, water and waste management aspects
<p>Biodiversity – Protection of the Ecosystem</p> 	<ul style="list-style-type: none"> • Implementation of a Policy to protect and enhance biodiversity in line with the target of "No Net Loss to Biodiversity by 2030" • Initiation of Biodiversity Assessment, in line with the TNFD Framework, across all power plants • Completion of detailed eco-system seasonal study at Barmer plant to implement the biodiversity management plan

Sustainability Awards and Accolades

- JSW Energy has been honored for its exemplary performance in the CDP Climate Program 2022, by maintaining a Leadership (A-) level, at the CDP India Annual Event
- JSW Energy, Ratnagiri was awarded the 'Sword of Honor' for Excellence in Occupational Health, Safety & Wellbeing by British Safety Council in December 2022
- JSW Energy's Integrated Annual Report 2022 received a Gold Award in the Spotlight Competition 2022 by the League of American Communications Professionals or LACP in November 2022
- JSW Energy Limited was conferred the Best Air Pollution Management Award in the Environment category at the ESG India Leadership Awards 2022 presented by 'Acuite' & ESG 'ESG Risk'
- JSW Energy Ratnagiri was awarded for "Outstanding Achievements in Environment Protection" at the Green Tech Environment Awards 2022
- JSW Energy, Vijayanagar received the prestigious GMF Green Crest Diamond Award in the Energy Conservation Category in October 2022
- JSW Energy - Vijaynagar and Barmer received the prestigious Council of Enviro Efficiency (CEE) Award 2022 for the Best Energy Efficient Units
- JSW Energy – Barmer Limited received FICCI's 9th Quality System Excellence Award.
- JSW Energy (Barmer) Limited received the "Best Energy Efficient Plant – Lignite 2022" award for reduction of Net Heat rate by the Mission Energy Foundation.
- JSW Energy (Barmer) Limited was conferred the "Prashansa Patra-2022" award for Safety by National Safety Council of India.
- JSW Energy (Barmer) Limited was awarded the "Best Power Generator of the Year - 2023" Award by Council of Enviro Excellence (CEE).
- JSW Hydro (Basma II & KW HEP) received 2 excellence Awards (1 Pre - Excellence 1 Excellence) in 6th National Convention on Quality Concepts (NCQC 2022) by Quality Circle Forum of India at Aurangabad.
- JSW Energy, Karcham Wangtoo Hydroelectric project has received the 'CBIP Award' 2022 for "Best Performing Hydro Power Project" by Central Board of Irrigation and Power at New Delhi on 3rd March, 2023. The award was presented by Hon'ble Union Minister of Power, New & R.E. Govt. of India.

