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## **ENERGY POLICY**

### **PREFACE**

As part of our efforts to deliver our Sustainability Vision, we at JSW Energy Limited (**'JSW'**) have established this Policy to demonstrate our commitment to energy conservation through:

- Efficient use of energy;
- Innovative projects to reduce energy demand;
- Switching of energy sourcing towards renewables.

#### Background of the Issue

All forms of energy use have some form of environmental impact. The direct burning of coal, gas and oil releases carbon into the atmosphere, contributing to climate change, as does the use of electricity when it is sourced from power stations using these fuels. Nuclear power creates radioactive nuclear waste which requires storage for thousands of years. And these forms of energy also consume finite fossil fuel and uranium resources.

That is why the use of energy obtained from renewable sources\* is seen as a more favourable alternative, although it has to be recognised that even renewables have some detrimental impacts on the environment in terms of aesthetic impacts on the landscape and the loss of vital habitats.

As populations continue to grow and technologically develop, demand for (and the price of) energy will only increase, resulting in greater competition between industry, transportation, domestic use, etc. That is why improved efficiency in the use of energy is seen as key in ensuring our long-term capability to satisfy societies ever-growing demand.

#### How it Relates to JSW

As one of India's leading power producers all of JSW's sites are committed to operate our Thermal Power Plants for generation of electricity in a manner that ensures energy efficiency and compliance with applicable legal and statutory requirements on energy management. Our efforts at enhancing the reliability and efficiency of plant operations are guided by energy conservation, optimal resource utilization and reduced environmental impacts

In pursuance of our stated commitments to Optimal use of all sources and forms of energy in efficient and innovative ways, we have adopted a number of aims towards which we will strive.

These aims are supported by a range of actions and improvements through which those aims are to be achieved.

**We aim to gain a full and detailed understanding of the nature and scale of all energy use (including transport) at our sites.**

To do this we will:

- Undertake a rigorous assessment across all our sites to determine how much energy is used, how it is used,
- Develop programmes for each site to:
  - Adoption of appropriate energy efficient and state of art technologies in products, services & processes having impact on energy use in operations, maintenance & allied activities
  - Maximising the efficiency of energy use within processes and across our sites and improving the performance of plant to reduce the fuel consumption;
  - We Conduct the Energy review at all our site and have established the base line energy performance indicators, objectives targets and action plans that will improve the plant performance

In the meantime:

**We aim to continue our current efforts to minimise the amount of energy we consume.**

To do this we will continue to:

- Optimal use of all sources and forms of energy by adopting established industry best practices and effecting improvements through learning from our own experience.
- Continually monitoring and improving our energy performance aimed at setting efficiency bench marks and submission to energy audits and reviews based on industry feedback.
- Raising awareness and making available resources to all personnel working for or on behalf of JSW Energy and enabling them to implement efficient energy utilization and conservation practices.
- Periodic review of energy management policies and related procedures and their continuous updating based on changes in legislation, organizational requirements and process changes.

**We aim to promote efficient and innovative use of energy across all our suppliers and business partners.**

To do this we will:

- Define and openly share in a Code of Practice the minimum expectations we have of our suppliers and business partners in relation to energy sourcing and use;
- Evaluate suppliers & partners for their attitude, risk profile and performance towards sustainability & Efficient Energy equipment / Services
- Encourage those suppliers and business partners whose attitudes and performance most closely matches our own aims and aspirations.

**We will continue to be fully committed to our statutory and voluntary obligations relating to energy supply and use.**

These include:

- All local and national statutory regulations relating to energy supply and use;
- Reporting of our performance on the issue of energy through GRI (Global Reporting Initiative) and against the United Nation's Sustainable Development Goals.

The achievement of our aims and the delivery of the improvements to achieve them, the fulfilling of our compliance obligations, will all be managed through the Sustainability Framework that JSW is committed to implementing and maintaining across all our sites.

-Sd -

**PRASHANT JAIN  
JMD & CEO  
JSW ENERGY LIMITED**

\* Renewables include wind power, solar power, geothermal, biomass, hydroelectric and hydrokinetic.