

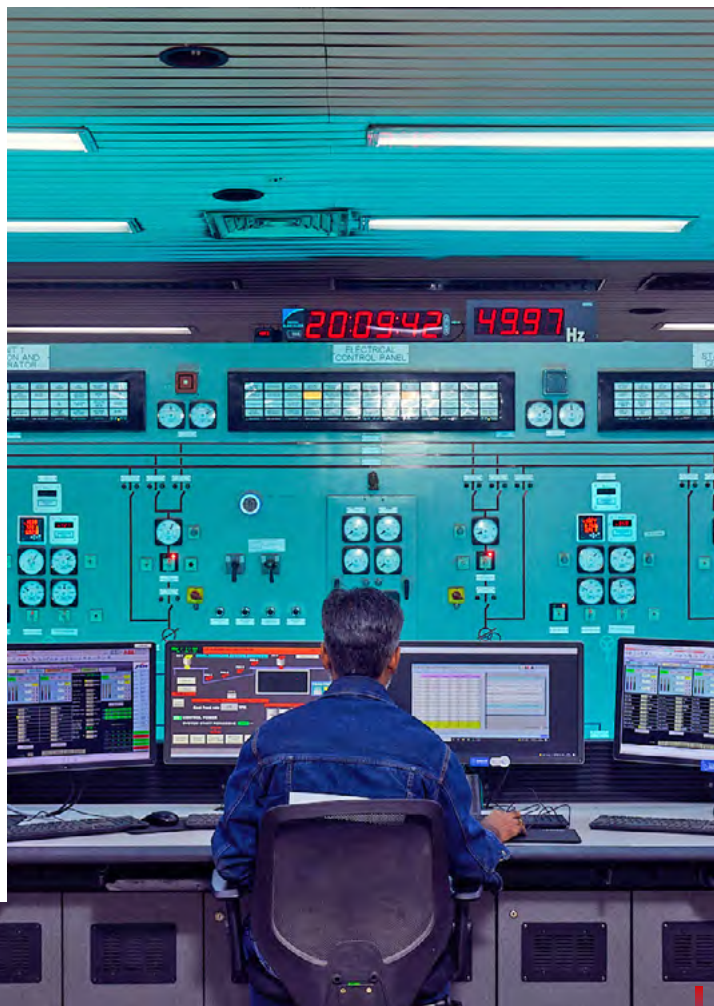
S05

QUALITY

Ensuring efficient operations of our existing assets

With a strong belief in delivering sustainable power, we understand that to meet the rising demand for reliable and sustainable power, both thermal and renewables will co-exist. We see a growing opportunity in expansion of our thermal assets to align ourselves with the nation's energy security needs and the government's National Electricity Plan, 2023 and are devising ways of continuous value unlocking from our existing thermal plants.

Even as renewable energy will have a significant share in the energy mix, coal will continue to play a critical role in our energy mix. Our locked-in portfolio of 30 GW comprises 30% thermal and 70% renewable power.



Main Control Room, Vijayanagar

32,384 MUs (up 16% YoY)

Net Generation

78% (73% in FY 2024)

Deemed Plant Load Factor

Our Strategic Priority

The National Electricity Plan recognises the critical role of fossil fuels in meeting peak load and intermittency from renewable sources, with the mandate to provide 24x7 electricity at a reasonable cost. During this energy transition, we strive to provide efficient solutions to customers by effectively leveraging our best-in-class

existing asset portfolio and deep-rooted expertise across the energy value chain. We have adopted a balanced approach with responsible thermal expansion leveraging latest technology for efficient operations, keeping in mind the best interests of our customers, the environment and the society at large.

Capitals deployed



Progress in FY 2025

In FY 2025, JSW Energy posted a robust operating performance, with our thermal plants posting average deemed PLF of 78% showcasing our advanced processes, rigorous maintenance practices, and technology adoption. Within our renewable portfolio – our hydro assets posted above design energy generation while renewable assets reported improved machine availability and grid availability.