Energy

Our commitment to energy efficiency and clean energy transition is reflected in targeted investments aimed at modernising operations and improving performance across our plants. We continue to prioritise efficient energy use through diversified energy sources and monitoring across our plants. Solar, hydro and Waste Heat Recovery Systems (WHRS) support on-site green energy generation, helping us manage energy risks while advancing our decarbonisation objectives.

Key highlights

16,565 TJ
Total energy consumption

4.54%
Increase in our green energy consumption since last year

18.83%
Green energy consumption of total electricity consumption

222 TJ
Renewable energy consumption

6 MW
Solar capacity commissioned at Dachepalli, Andhra Pradesh.

Energy consumption

We are strengthening operational performance through focused efficiency improvement initiatives. As part of this approach, we have undertaken efficiency improvement projects at our all our plants, where key systems have been upgraded and processes optimised to enhance plant performance. Our specific electrical energy consumption stands at 72.83 kWh per tonne of cement in FY 2026, reflecting an improvement from 74.6 kWh per tonne in FY 2025.

This reduction has been achieved through targeted energy efficiency measures and operational improvements.

The Specific Heat Consumption(SHC) for the Company has increased this year, even with our consistent efforts primarily due to use of different grades of limestone which help in optimising mine life and use of various fuels. We continue to focus on process and kiln optimisation, supported by investments in high-efficiency equipment, grinding system optimisation and digital energy monitoring to identify and address inefficiencies.

Overall energy consumption

	Units	FY 2026	FY 2025	FY 2024
Total electricity consumption	MWH	4,69,204	4,35,479	4,60,524
Total electricity consumption from renewables*	MWH	88,194	62,075	52,584
Total electricity consumption from non-renewables	MWH	3,81,011	3,73,404	4,07,940
Total fuel consumption	TJ	14,875	13,217	13,554
Total fuel consumption from non-renewables	TJ	14,653	12,951	13,484
Total fuel consumption from renewables (Biomass)	TJ	222	266	70
Total energy consumption (thermal & electrical)	TJ	16,565	14,785	15,212

* WHRS power consumption is included in renewable sources

Mattampally Plant, Telangana

CASE STUDY

Group Energy Excellence Forum 2026: Driving collective energy stewardship

Launched on 21st January 2026, the Group Energy Excellence Forum 2026 was introduced as a quarterly virtual platform to strengthen energy management across SGC operations. Attended by 20 cross-functional participants, the initiative brings together inter-plant teams and energy experts to enable collaborative learning and drive group-wide alignment on energy efficiency.

The forum facilitates structured knowledge-sharing through virtual sessions, covering plant-level initiatives, best practices, and strategies to reduce energy intensity. It also serves as a capability-building platform, mentoring young engineers and preparing them for formal energy management certifications.

Hydro Power Plant, Guntur Branch Canal, Andhra Pradesh.

Green & renewable energy

Transitioning to low-carbon energy sources is an important part of our approach to reducing emissions in an energy-intensive industry. We continue to expand renewable energy across our operations through solar installations and Waste Heat Recovery Systems (WHRS), enabling us to reduce dependence on fossil-based electricity while supporting our long-term decarbonisation ambitions.

During FY 2025, we commissioned 6 MW of solar capacity at Gudipadu and, in FY 2026, added another 6 MW solar power plant at Dachepalli, increasing the total green energy capacity across the Sagar Group to 36 MW. Our current green energy portfolio comprises 13.58 MW of solar, 14.1 MW of Waste Heat Recovery Systems (WHRS) and 8.3 MW of hydel power.

We are also implementing a 4.35 MW WHRS at Gudipadu and have planned a 4 MW solar project at Jeerabad and a 9 MW WHRS at Dachepalli for the coming years. These initiatives support a gradual increase in the share of green power in our energy mix.

18.83%
Share of green electricity in our total power mix

36 MW
Renewable Energy and Green Energy Capacity

15,786 MWh
Solar power

54,731 MWh
Waste Heat Recovery Systems (WHRS) power plants

17,677 MWh
Hydro power

88,194 MWh
Total electricity consumption from renewables and green energy