



Water

Freshwater is vital for sustaining vibrant communities, thriving businesses, and natural ecosystems. It is imperative that we use it judiciously to safeguard water resources for the enduring prosperity of our operations, the local environment, and the communities that depend on it.

Our water strategy encompasses zero liquid discharge and the implementation of rainwater harvesting at all plant locations. We consistently upgrade our water filtration plants and are transitioning from water to air cooling systems to minimise and conserve water usage.



Key highlights of FY2024

8,99,112 KL
Total water withdrawn

1,16,515 KL
Total water recycled/reused

155 L/tonnes
Cementitious water intensity

100%
Industrial water requirement through rainwater harvesting

28 unit
Rainwater harvesting structures created

Key initiatives

- Actively working to diminish water consumption at all levels and taking proactive initiatives for groundwater recharge
- Deployed Air-Cooled Condensers in our WHRS and condensate polishing plants to reduce water consumption
- Over the past decade, we have steadily decreased water usage and reduced reliance on freshwater withdrawals through measures like rainwater harvesting at our plants and neighbouring communities by reuse, recycle of wastewater. Reject water of N-pit and softening plant is recycled and reused

Action plan

- Implementing a water reporting system that includes detailed information on specific water consumption
- Conducting measurement and monitoring of water sourcing and consumption
- Establishing recycling and treatment processes for rejected water, facilitating its reuse in various processes and plantation activities
- Promoting awareness about water conservation among users

Water consumption pattern (in KL)

Source of water	FY2024	FY2023	FY2022
Surface	6,30,198	4,99,775	3,47,835
Ground	2,43,714	2,85,105	2,01,202
Total water consumed (Surface+Ground+Other Sources)	8,99,112	7,96,369	5,49,037