

Mumbai, 3rd December 2020

Ambuja & ACC sharpen focus on Green Power Generation

- **SIX Waste Heat Recovery Systems (WHRS) will be installed in EIGHT kiln lines at six cement plants across India**
- **The two companies will invest over Rs 780 crores, adding WHRS capacity of over 76 MW**
- **WHRS will significantly reduce carbon footprint - 5.61 lakh tons of CO₂ to be reduced annually**

Ambuja Cement and ACC – both operating companies of leading global building material and solutions organisation LafargeHolcim – have collectively taken a giant step to generate clean and green energy in line with their carbon intensity reduction roadmap. This comes close on the heels of parent company LafargeHolcim signing the Net Zero Pledge with 2030 science-based targets during the Climate Week held in September 2020 in New York, USA.

Unveiling the plan to set up Waste Heat Recovery System (WHRS) based power plants, **Neeraj Akhoury - CEO India, LafargeHolcim and MD & CEO, Ambuja Cement** - said, *“Six cement plants at both Ambuja Cement and ACC will invest over Rs 780 crores in green power generation, which will lead to a significant reduction of 5.61 lakh tons of carbon footprint annually. This is a major step in our journey towards reduction of carbon intensity.”*

The WHRS will be installed at Ambuja Cement plants in Bhatapara (Chhattisgarh), Suli and Rauri (Himachal Pradesh) and Marwar Mundwa (Rajasthan); and ACC plants in Jamul (Chhattisgarh) and Kymore (Madhya Pradesh). All projects are slated to be completed in the next 16 to 18 months.

Both companies set up their first WHRS in 2013-14 – at Rabriyawas (Ambuja Cement) and Gagal (ACC) – thus displaying their commitment towards green energy while marking an important step in energy conservation in the Indian cement industry. Not only does WHRS trap the enormous heat generated during the manufacturing process to gainfully generate electricity as a sustainable solution, it also helps reduce the use of fossil fuels.

In addition to boosting efficiency, WHRS is a proven method for reducing CO₂ emissions, and part of helping reach LafargeHolcim’s ambition to reduce emissions due to electricity use by 65% by 2030.

“This is a proud moment for all of us,” said Mr Akhoury. “Both Ambuja Cement and ACC have had an unwavering focus on sustainability for decades. Our Sustainable Development vision is built around strategic drivers that have shaped our growth and evolution. By deciding to set up

these six WHRS, we have moved one step closer to realising our sustainability goals – reducing usage of fossil fuel and thus reducing our carbon footprint.”

*“Sustainability efforts by both companies so far have borne fruit,” said **Sridhar Balakrishnan - MD&CEO, ACC.** “A host of recognitions from national and global bodies demonstrates that we have been walking the talk in terms of sustainability.”* A sharp focus on Sustainable Development embodies safety, conservation of energy and natural resources, preserving environment and biodiversity, water stewardship and the well-being of host communities. *“The setting up of WHRS reiterates our distinct and strong focus towards clean energy and strengthens our resolve to reduce our energy consumption per unit of cement produced,”* emphasised Mr Balakrishnan.

In addition, to further reduce environmental footprint and remain committed to delivering the Company’s ambitious Sustainable Development 2030 plan, Ambuja and ACC have also adopted the use of solar power in their cement manufacturing process. Together, the two companies have an operational solar portfolio of 45.2 MWp, generating about ~ 68.5 mio units per year and a wind operating assets of 26.5 MW, generating ~ 45 Mio units / year.

Both companies have undertaken several CO₂ reduction measures such as clinker factor reduction, thermal substitution rate, thermal & electrical energy efficiency, renewable energy and adoption of new technologies. Both companies have comparatively low specific CO₂ emissions in the world with about 530 kg and 512 kg CO₂ per ton of cementitious material for Ambuja Cement and ACC respectively; and together striving to further reduce their carbon emissions intensity to well below 425 kg per ton of cementitious material from its current level by the year 2030.

About Ambuja:

Ambuja Cements Ltd., a part of the global conglomerate LafargeHolcim, is among the leading cement companies in India. Ambuja Cement has provided hassle-free, home-building solutions with its unique sustainable development projects and environment-friendly practices since it started operations. Currently, Ambuja Cement has a cement capacity of 29.65 million tonnes with five integrated cement manufacturing plants and eight cement grinding units across the country. The company has many firsts to its credit – a captive port with four terminals that has facilitated timely, cost-effective, cleaner shipments of bulk cement to its customers. To further add value to customers, the company has launched innovative products like Ambuja Plus, Ambuja Cool Walls, Ambuja Compozem and Ambuja Kawach. The new products not only fulfil important customer needs but also help in significantly reducing carbon footprints.

For more details, visit www.ambujacement.com

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About ACC:

ACC Limited, a member of the LafargeHolcim Group, is one of India's leading producers of cement and ready mixed concrete. It has ~6500 employees, 17 cement manufacturing sites, 89 concrete plants and a nationwide network of over 50,000 retail outlets to serve its customers. With a world-class R&D centre in Mumbai, the quality of ACC's products and services, as well as its commitment to technological development, make it a preferred brand in building materials. Established in 1936, ACC is counted among the country's 'Most Sustainable Companies' and it is recognized for its best practices in environment management and corporate citizenship

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