

Schneider Electric India Pvt. Ltd.

Digital Transformation in the Cement Industry with Ecostruxure



Gansu Qilianshan Cement Group Limited, Zhangxian, China | **SOLUTION**

The challenge faced by Qilianshan and the rest of the cement industry in China was how to produce better quality cement products more efficiently, using less energy and at a lower cost. To realise their smart manufacturing ambitions, Qilianshan enlisted Schneider Electric to implement a comprehensive EcoStruxure upgrade of their technology that would optimise their energy usage, beginning with pilot projects at two plants—Zhangxian and Hongda Building Material.

Reduce energy consumption, save costs, optimise production, and generally improving core competitiveness through digital means.

The solutions provided by Schneider included energy management system (EMS), AVEVA's Advanced Process Control (APC), Altivar Process drives, low voltage (LV) products.

The services provided by Schneider resulted in:

IMPACTS



- Almost €600,000 in electricity costs saved in 2019 at Hongda Building Material
- Standard coal consumption reduced to less than 100 kg /tonne at Hongda plant
- Improved production stability and efficiency
- Reduced labour requirements