AIRCONDITIONING:

INDIA'S GREENEST BUILDING REDUCES ENERGY BY 50%

GRUNDFOS iSOLUTIONS

PUMP CLOUD SERVICES

THE SITUATION

The Confederation of Indian Industries (CII) is an industry association headquartered in Hyderabad, India. CII's Sohrabji Godrej Green Business Center (CII Godrej GBC) was established in 2004 to offer advisory services to Indian industries in the areas of:

- Green building
- Energy efficiency
- Water management
- Environmental management
- Renewable energy
- Green business incubation
- Climate change activities

CII Godrej GBC is India's first LEED platinum rated building and the very first to be awarded platinum rating outside of the United States.

As a part of continuous improvement, CII Godrej GBC went for upgradation of their airconditioning plant for which Grundfos was chosen to be the leading solution provider for chilled water pumps.

EASY **OPERATION**

MINIMUM **ENERGY**

MAXIMUM **RELIABILITY**

THE SOLUTION

Grundfos was faced with a challenge to offer a highly efficient solution on the strictest timeline to the first green building of the country. As a part of building improvement project, an additional challenge of providing the entire solution in the existing footprint was encountered

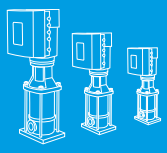
Grundfos iSOLUTIONS with state of the art CRE pumps were best fit for the application with its intuitive functionalities and IE5 level of motor efficiency

"We had to offer our energy efficient product, at the same time give a long term solution which is compatible to CII's future requirement as well" says Mr.James – Sales Head (AP & TS)

BENEFITS OF GRUNDFOS iSOLUTION PUMPS

EASY OPERATION

Grundfos pumps in combination with its intelligent built-in controls have significantly improved the existing installation making the system highly efficient & easy to operate



MINIMUM ENERGY

With Grundfos iSOLUTIONS, the new system adapts its performence according to the load requirement. The complete system has a variable flow, which enables maximum energy savings and improved uptime

MAXIMUM RELIABILITY

Applying its expertise in packaged solutions and continuous improvement techniques, Grundfos delivered the packaged system within the customer's technical requirements & timelines

THE OUTCOME

Mr. Srinivas, Principal Advisor to CII - Confederation of Indian Industry says, ***"We have been using Grundfos solutions right from the operation of our building and are extremely overwhelmed by its performance for all these years – main reason for going for Grundfos solution again"***

Post retrofit, Grundfos solutions with a combined wire to water efficiency of 75% was able to bring down the energy consumption by almost half.

Going forward, CII Godrej GBC is looking at Grundfos as a valuable partner in their Green Building movement of achieving 10 million sq.feet in the next 2 to 3 years.

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