



Indian IT giant codes green with Grundfos

The Situation

A homegrown information technology (IT) major based out of India has been in the forefront of technology adaption when it comes to applications concerning building services. Sustainable solutions have always been their core concern keeping in line with corporate values.

When the need for a pumping system for new campuses arose, this IT major had to consult their design team to develop even more advanced solutions that surpassed those used in their existing buildings.

The Solution

The design consultant for this greenfield project requested all OEMs, including Grundfos, to submit detailed proposals capturing the lifecycle cost analysis of the proposed pumping systems for new campus. Grundfos, collaborating closely with both the consultant and the end user, proposed a pumping system featuring the latest TPE vertical inline pump with IE5 motors, keeping the customer's sustainability needs in mind.

With these IE5 permanent magnet motors, the part load performance of variable primary HVAC system was significantly higher than the competitor solutions. While carrying out energy impact analysis it was estimated that these Grundfos proposed solutions would consume 64,240 kW/year less than the next best alternate solutions.

On completion of this project, we were able to prove our capabilities to our customer and meet all savings that was projected to them during the sales stage.

This project has now become the benchmark project for this IT major.

Shishir Bhandary
Senior Sales Developer, CBS
Grundfos India

GRUNDFOS 

Possibility in every drop



upto 22%
energy saving

41.508 mT
CO₂ reductions

64.2 MWh/year
reduced energy consumption

The Outcome

As a strategic partner, Grundfos served as the single point of contact for this project from design to delivery providing comprehensive support for all pumping systems. This Grundfos "Consultant's consultant approach" resulted in achieving customer's sustainability goals.

Grundfos Supplied

TPE pumps with IE5 motors



TPE

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