



# Hyatt Pune Saves Water While Improving Operations

# HYATT PUNE



## INSIGHT

A 5-star Hyatt hotel in Pune, India, faced complicated issues when its water supply was abruptly cut off due to a municipal water shortage. The expansive Hyatt property includes 209 guest rooms, restaurants and banquet rooms. To maintain heating and cooling comfort for its guests and employees in the face of this cut off, the hotel used treated Sewage Treatment Plant (STP) water in its cooling towers.

Using STP water in the three HVAC units created two problems: rising approach temperatures of the STP water necessitated more frequent condenser cleanings and more cleanings produced more effluent discharge from blow downs.

## INNOVATION

“Reuse of STP water makes sense in the face of on-going water shortages. Hyatt asked for our help to maximize the reuse of STP water in its cooling water system while minimizing associated problems,” said Vineet Pillay, territory manager, Nalco Water India Ltd-West.

Hyatt implemented Ecolab’s state-of-the-art 3D TRASAR automation technology for its HVAC systems to deliver the following results:

- Treated blow down water with oxidizing and non-oxidizing biocide reduced issues with waste water discharge
- Consistent approach temperature helped to eliminate the need for quarterly condenser cleanings
- More efficient reuse improved HVAC performance

## TECHNOLOGY:

3D TRASAR™ Technology for Cooling Water

eROI™ IMPACT

### WATER SAVINGS



1.8 MILLION GALLONS OF FRESH WATER SAVED

4.8 MILLION GALLONS OF STP WATER REUSED

### ASSET SAVINGS

MAINTAINED CONSISTENT APPROACH TEMPERATURE OVER A NINE-MONTH PERIOD



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