



# ADDRESSING HEAT MITIGATION AT LOWER ENERGY COSTS



Control rooms in industrial facilities are maintained in optimal cooling conditions to enable effective monitoring and controlling of multiple machines and processes 24X7. Employing energy-saving vapour absorption technology to cool the control rooms can address heat mitigation at significantly lower costs compared to electric chillers.

## Benefits:



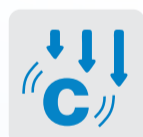
Improvement in process reliability



Better part load performance



Lower operational costs



Reduced carbon emissions

## Our solutions find application in

Absorption chillers, driven by non-electric sources like steam, hot water, or thermic fluid deliver control room cooling at consistent temperature. They find application in control rooms of

- Refineries
- Power plants
- Cement, Iron & Steel industries
- Manufacturing plants
- Heavy Industries

## Our offerings for the industry are

Steam-fired absorption chiller



High COP of 1.5

Hot water driven absorption chiller



Offers chilled water up to  $-1.5^{\circ}\text{C}$

Thermic fluid driven absorption chiller



Waste heat recovery

## Why Thermax's Solutions?

- Electricity-free cooling and heating
- Low steam consumption
- No vibrating parts
- Low maintenance
- No harmful refrigerants
- No requirement for LiBr/DM Water top-up
- Crystallization-free design
- 24x7 IIoT-based chiller monitoring

