

Smart Cooling

Powered By

Solar &
Recovered Heat



Micro Cogeneration

Overview

SOLAR THERMAL

[SOLUTIONS FOR COOLING]

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A technology that uses solar heat and waste heat, stored in a hot water tank with backup steam, to power an absorption chiller. This chiller then produces chilled water, which is cooled further by a cooling tower, providing **efficient cooling**.



Solar thermal panels collect solar energy and provide an alternative source for cooling in industrial applications, reducing reliance on electricity.



Waste heat from Boiler chimneys, an overlooked resource, is also used to heat water instead of a traditional electricity source.



Steam, a reliable backup, is utilized for heat generation when solar heat is unavailable, ensuring a continuous energy supply.



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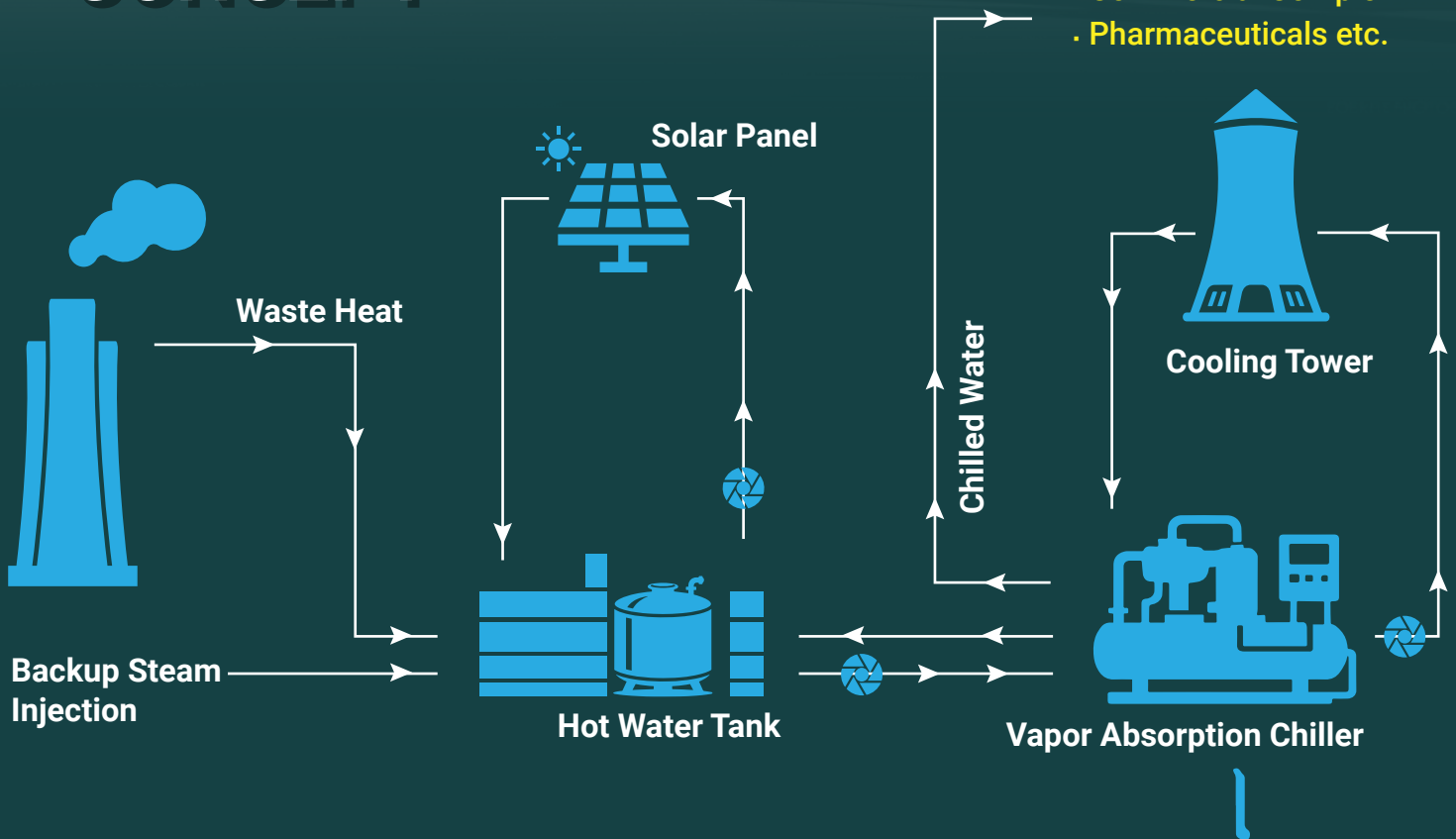
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Smart Energy. Smarter Cooling

the CONCEPT

- Food & Beverage
- Hospitality Sector
- Textile Industry
- Paper Industry
- Commercial Complex
- Pharmaceuticals etc.



“Emerging Trends and Advancements in Solar Energy Technology”



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