CreativeWaterTechnology
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GENESIS™ Cooling System

Welcome to the Future of Waste Water Cooling Systems:

Conventional Cooling towers have longed been used to reject process heat from plant operations. These towers take in clean water, reject heat and produce contaminated (or blowdown) water as an unwanted by-product.

CWT offers a revolutionary alternative to meet your heat-rejection needs.

CWT's GENESIS Cooling System (GCS) takes in waste water, rejects heat, and as a by-product it produces clean distilled water. Just about any waste water can be used in a GCS, allowing you to create Nett clean water saving in three ways:

- **The clean water** that would have been evaporated off by a conventional cooling tower is completely saved; You don't need to supply any clean water at all.
- **The blowdown water** that would have been created by a conventional cooling tower is not created, so it does not have to be provided for with clean make-up water.
- **The GCS recovers** clean (distilled) water – condensate from the evaporation chamber's vapour stream, creating a volume of new clean water that never used to exist.

Power Station Cooling:

If you already have cooling towers installed, but you need more heat rejection, then you can simply utilise the blow-down water from your existing cooling towers as feed water into a GCS.

If you are simply using too much clean water, or your existing cooling towers are producing too much waste water, you can off-load some heat-rejection work to a GCS and make significant reductions in Nett clean water usage. If you don't have convenient, plentiful or cheap access to clean water, you can use a GCS rather than creating clean water just for use in a cooling tower.

If you do have a convenient, plentiful and cheap supply of waste water and you need heat-rejection, simply use a GCS to provide your cooling rather than worrying about sourcing clean water for the job.

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Creative Water Technology Contact Details:

Contact Us Today.

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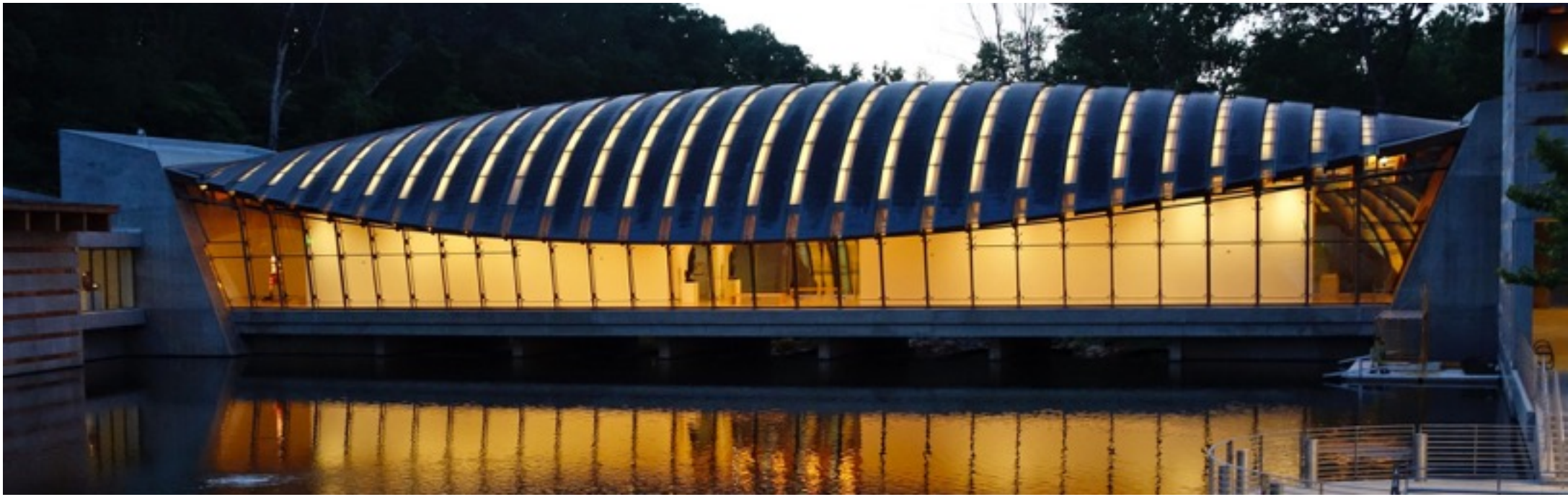
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