

Project Spotlight

PacificCorp Hunter Unit 3



EvapTech recently completed a challenging 11-cell replacement cooling tower at PacificCorp's Hunter Plant near Price, Utah. The new EvapTech EX Crossflow tower will support the 496 MW coal fired Unit 3. The turn-key project included the demolition and disposal of the old wood crossflow tower, and the design, supply and installation of a new fire retardant fiberglass framed crossflow tower. PacificCorp selected EvapTech, in part, due to the superior performance of ArchBar Fill and high efficiency FanTR fans, which allowed EvapTech to guarantee 1°F colder water than the base project requirements. EvapTech utilized up to 120 workers and over 37,000 man-hours to complete the tower within the 37 day schedule. With a well schemed and superbly executed construction plan, the project saw zero safety incidents.

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From the Corner Office



This issue of EvapTech Quarterly lands at the beginning of summer, a time when thoughts of performance shift from completion of project scope before the critical cooling season to a cooling tower's thermal performance. Summer heat separates the wheat from the chaff and EvapTech remains committed to CTI Standard STD-202's publication of test results. Does your preferred cooling tower supplier share this commitment to fully rated cooling towers? If not, EvapTech would be honored to support your cooling tower needs.

Don Dobney

President, EvapTech, Inc.

Employee Spotlight

Jung-Ah Rhee

Sr. Engineering Technician

Jung-Ah joined EvapTech in January 2009. She came to EvapTech from Butler Manufacturing where she worked as an engineering technician.



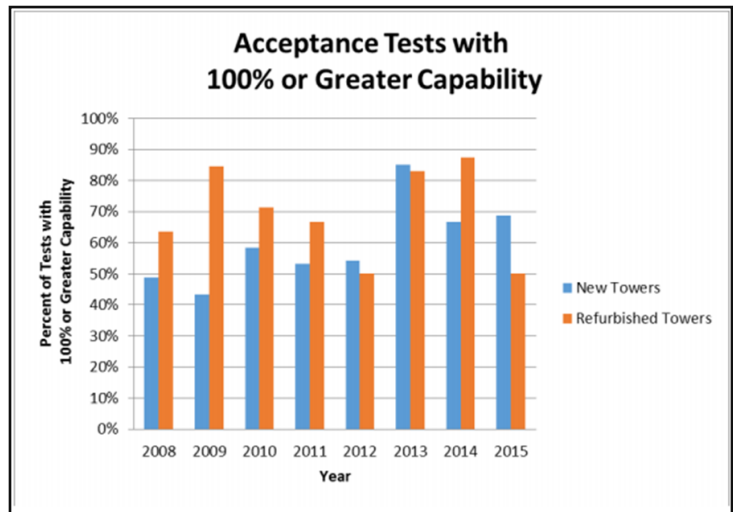
A native of Seoul, South Korea, Jung-Ah honors her culture in keeping her native language and culture alive at home and in her community. Jung-Ah and her husband Jae have a full life raising their two boys who are very active in sports.

Jung-Ah brings an inspirational leadership style inside the Lenexa office as she motivates many of her coworkers to join her for outdoor walks around the building daily. Jung-Ah is one of EvapTech's most experienced Engineering Tech's. Many of the drawings that you will see related to our products display Jung-Ah's craftsmanship.

Technical Tidbit

Historical Cooling Tower Performance

The Cooling Technology Institute reported that only "68% of new tower acceptance tests and 50% of refurbished tower acceptance tests have a capability of 100% or greater in 2015." Furthermore, CTI's data also shows that number of licensed 3rd party testing is declining with only 59 tests performed last year, a five year low. These alarming trends should illustrate the need for owners and engineers to remain diligent and hold manufacturers accountable for cooling tower performance. By specifying only manufacturers that participate in CTI's **STD-202** program (CTI makes members' test results public on the CTI website), owners/operators are made aware of each participant's performance record. **Since STD-202's inception in 2013, EvapTech is the only manufacturer that has passed every test with over 100% capacity.** Call or visit our website for more information about performance tests or STD-202!



Sales & Marketing News



Ecodyne joins EvapTech

Ecodyne Limited, based in Burlington, Ontario, Canada recently joined EvapTech as the exclusive representative for Canada. The Ecodyne name is a familiar one to those in the cooling industry with decades of proven performance with many customers. The team includes (l to r) Martin Pajak, John Jakic, Janis Chadwick, Rob Vertesi, Brendan Kamula, Mark Kerr, Stephen March and Steve Heidl (not pictured). Having a wealth of combined experience, Ecodyne stands ready to assist with new tower, reconstruction, parts, and upgrade assistance for their Canadian customer base. You may contact Ecodyne at 905-332-1404 or info@ecodyne.com.

Upcoming Trade Shows

Please join EvapTech, Inc. as we plan to exhibit on Wednesday, August 17, 2016 at the Annual ARIPPA Symposium Trade Show at the Sheraton Harrisburg Hershey Hotel in Harrisburg, PA. ARIPPA is a non-profit trade association of coal fueled power plants in PA and WV.



A green banner with white and yellow text. On the left is the Geothermal Resources Council (GRC) logo. The text reads: 'Geothermal Energy Here and Now: Sustainable, Clean, Flexible', '40th GRC Annual Meeting & GEA Geothermal Energy Expo', and 'OCT 23-26 2016'. At the bottom, it says 'Sacramento Convention Center | Sacramento, California • USA'. The Geothermal Energy Association logo is also present.

The 40th Geothermal Resource Council (GRC) Annual Meeting and the Geothermal Energy Association (GEA) Energy Expo will be held in Sacramento, CA on Oct. 23-26. Be sure to stop by and visit EvapTech at Booth #118!

Product Development Update

EvapDri Plume Abatement/Water Conservation

EvapTech is excited to introduce **EvapDri™**; an innovative, easy to operate water conservation/plume abatement product that uses proven, durable stainless steel coil technology.

Easy, Reliable Operation - 4 flow control valves, no dampers.

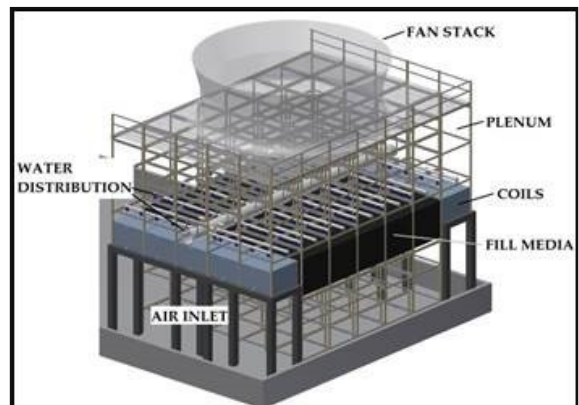
Lower Energy Consumption - Similar pump head to standard tower.

Ice Prevention - No falling water at the cooling tower perimeter.

Low Profile - Safer, easier fan deck access. Less conspicuous.

Great for Retrofits - Coil bundles install in same zone as standard fill*.

*See next page for an example!



Featured Projects

Alliant Riverside

Alliant Energy faced a challenge. The 10-cell counterflow cooling tower at their Riverside Plant in Beloit, WI plumed heavily into a nearby neighborhood and fogged over a main road. This presented safety and PR challenges to Alliant, plus was a hurdle to gaining approval for a planned 2nd combined cycle unit nearby. After reviewing other available technologies, Alliant chose EvapTech's **EvapDri™** Wet/Wet-Dry solution because of its unique ability to be used as a retrofit product, and its proven stainless steel coil based design. A single "proof of concept" cell was installed online during the winter of 2015/2016 with great results. Since the successful installation/operation, EvapTech has been awarded the retrofit of the remaining 9 cells.



Plum Point Energy Station

EvapTech recently received the contract to replace the fill and drift eliminators to an eighteen cell (18) GEA FRP Counterflow Cooling Tower at Plum Point Station in Osceola, AR. The fill will be replaced with the TechClean 312, which will provide additional capacity to the plant, and the drift eliminators installed will be DriAir 150's. Installation begins in June 2016 and will continue toward completion based on working two (2) cells at time. This project is another result of ongoing success with Power Plant Management Service (PPMS).

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