

April 2016, Q2

## **Project Spotlight**

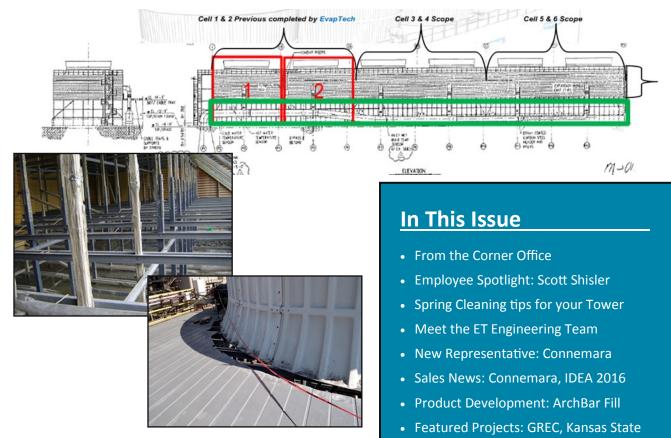
evaptech

### **Logan Generating Plant**

The Logan Generating plant, located on the Delaware River in Logan Township, New Jersey, is a 225 MW cogeneration facility. EvapTech recently completed a full wood-to-fiberglass structural replacement on two (2) (in red below) of the six (6) cells at the plant. The existing tower was a Zurn Balcke-Durr counterflow tower. The original scope was inclusive of TC312 fill, DriAir150 drift eliminators, casing, partitions, and



wood replacement on two (2) complete cells during a defined 2015 outage. As an option, EvapTech suggested that while there would be a "complete" outage, replace all structure below the water level in all six (6) cells. That additional scope (in green) was well received and fully executed during the 2015 outage. (Cells 1 & 2 completed in 2015, Cells 3 & 4 slated for 2017 and Cells 5 & 6 for 2016)



CUP

NOTE: This repair project was presented by Logan at the NAES O&M Conference in 2015

# **From the Corner Office**



Spring has sprung at EvapTech and we are in the midst of both a challenging and rewarding season. We are honored to have been entrusted by our customers to provide

high quality aftermarket and replacement tower outcomes for projects with often extremely limited schedules ahead of the summer heat. The EvapTech engineering group, featured herein, has worked hand-inhand with our construction team to develop innovative and efficient designs to assure a quality product, erected on-time with a focus on safety.

When summer comes we rest, until then we build.

**Don Dobney** President, EvapTech, Inc.

## **Technical Tidbit**

## **Spring Cleaning**

Prior to Operating Cooling Tower Unit(s):

- Check lubrication and proper rotation of fan motors
- Check gearbox oil level (replace if unit is at 2,000 hours or 6 months since previous service)
- Rotate fan shafts ensuring it turns freely
- Check condition of fill media & drift eliminators, making sure they are installed in their proper position and free from debris



- Clean air inlet louvers, preventing any air blockage
- Maintain torque of mechanical equipment and supports

# **Employee Spotlight**

### **Scott Shisler**

### **Proposal Manager**

Scott joined EvapTech in December 2014, relocating from Chicago to Kansas City. With his entrepreneurial background



as a Landscape Architect and Commercial Developer, Scott is well suited to tackle the art and science of proposal preparation while keeping customer service as his top priority. Scott's first victory came quick with the City of Ames Project, featured in the last edition of EvapTech Quarterly and the location of his alma mater, Iowa State University.

Scott and his wife Julie keep busy with their son and daughter and their endless sporting activities. Some say that his move to Kansas City inspired the Royals to their 2015 World Series Victory.

# **Department Spotlight**

### Meet the Engineering Team

**Back Row** (l to r): Ron "Bo" Forest, Travis Abeln, James Trahan, John Ahern, David Rea

**Front Row:** Pat Holland, Bruce McAllister, Matthew Roy, Clay Eoff, Jung-Ah Rhee, Mike Frye



164 Combined Years of Cooling Tower Experience!



# Sales & Marketing News



### Connemara joins EvapTech

**Connemara Ltd** recently joined EvapTech as its Chicago Area power and industrial representative. Connemara, led by founder and president Elizabeth (Beth) Makens Long, covers Southern Wisconsin, NW Indiana and most of Illinois. Among the key accounts covered by Connemara are Sargent & Lundy, Alliant Energy, Dynegy, We Energies, and Exelon. EvapTech is honored and excited to have Beth, John, Bill and Mary as part of the EvapTech family.

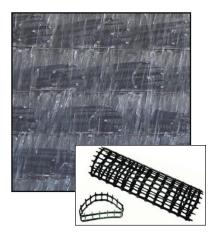
## **IDEA 2016: Embracing Change**

EvapTech partnered with our parent company, EVAPCO, to exhibit at the International Dis-



trict Energy Conference in Austin, TX. There were over 80 attendees from 10 countries, 44 US states, and 4 Canadian provinces—a new record for an IDEA campus energy conference. Many thanks to all of our loyal customers, representatives, and friends that stopped by to visit. And if you missed it, we'll be exhibiting again this summer, June 20-23, at the IDEA 2016 Annual Conference in St. Paul, Minnesota!

## **Product Development Update**



### ArchBar<sup>™</sup> Splash Fill

One of the star products of EvapTech's core focus on Research & Development is ArchBar<sup>™</sup> fill. ArchBar<sup>™</sup> is widely recognized as a performance leader in crossflow cooling towers. The HDPE material and arched shape creates a more durable, longer spanning product than most punched PVC splash bars. This allows the fill product to be installed with fewer support grids and unparalleled winter operation durability.

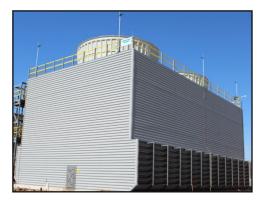
The overall result is colder water, less maintenance and lower installed costs. Ask your local EvapTech representative, or contact EvapTech directly, to investigate what ArchBar™ can do for your cooling requirements.



## **Featured Projects**

#### Kansas State Chiller Plant #2

A new 5,800 ton field erected counterflow cooling tower has recently been installed and commissioned for Kansas State University's Chiller Plant #2. The fiberglass cooling tower provides supply water for the first phase of chillers installed in the new plant. Design and layout was a combined effort between EvapTech and the project engineers, Olsson Associates (Manhattan, KS) and Lutz, Daily & Brain (Overland Park, KS). Tower construction was completed in January with skillful oversite and direction from general contractor McCownGordon



Construction (Kansas City, MO). The team effort shown by all parties fostered a collaborative environment which was instrumental in delivering a terrific facility to Kanas State University.



#### **Grand River Energy Center**

EvapTech recently mobilized to build a new 8-cell cooling tower at the Grand River Energy Center. The tower will support Unit 3, which is a new combined cycle unit at Grand River Dam Authority's existing Coal Fired Complex near Chouteau, OK. The tower is an FM Approved Series ES Counterflow Tower, the first large FM installation for EvapTech in the power market. The ES tower provided a unique solution for GREC (which is FM Insured) and was the most cost effective solution for the EPC contractor (Kiewit/TIC). The tower is scheduled for completion by June, and the plant for commercial operation by mid-2017.

## **Contact EvapTech**

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#### Social Media





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