427 Prairie Knoll Drive
Suite 102
Naperville, IL 60565
Phone : 630.357.3960
Fax: 630.357.1004

Contact:
Dharam (Don) Punwani, Executive Director
Turbine Inlet Cooling Association
Email: exedir@turbineinletcooling.org

FOR IMMEDIATE RELEASE
March 29, 2019

Naperville, IL – The Turbine Inlet Cooling Association (TICA) is pleased to announce that it presented two Excellence Awards for implementing turbine inlet cooling (TIC) to the following two companies at the 2019 Western Turbine Users Inc (WTUI) Conference held on March 17-20 in Las Vegas, NV.

* Kingsburg Cogen (Kingsburg, CA) received the Excellence Award for implementing a wet compression system for TIC. One GE LM2500 gas turbine at this plant was retrofitted with TIC in 2003. The TIC system increased the net power output from 18.9 MW (at 90^{o}F ambient air temperature) to 20.7 MW. The wet compression TIC system, by TICA member, Caldwell Energy Company produces up to 1.8 MW (a 9.5% capacity increase) of additional power.

* The District Cooling system at the University of Texas at Austin, received the Excellence Award for implementing a chilled-water thermal energy storage (TES) system for cooling the inlet air to one GE LM 2500+G4 gas turbine. The campus cooling system incorporates several chiller plants and two TES tanks of 30,000 and 39,000 ton-hrs capacity, installed in 2011 and 2016, respectively, with supply/return water temperatures of 40^{o}F/52^{o} F. The TIC system increases the net power generation capacity up to 24.5% or 6 MW (from 24.5 MW to 30.5 MW) when inlet air is cooled from 100^{o}F to 50^{o}F. The contributing TICA member companies for the TES system included The Cool Solutions Co.

The Turbine Inlet Cooling Association (TICA) is a non-profit trade association that promotes the development and exchange of knowledge related to gas turbine inlet cooling (TIC) for enhancing power generation worldwide. TIC provides a cost-effective, energy-efficient, and environmentally beneficial means to enhance power generation capacity and efficiency during hot weather.