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Naperville, IL – The Turbine Inlet Cooling Association (TICA) is pleased to announce that it presented the two Excellence Awards for implementing turbine inlet cooling to the following two companies at the 2018 Western Turbine Users Inc (WTUI) Conference (March 18-21 in Palm Springs, CA):

* The Orange Grove Energy (OGE), Pala, CA received the Excellence Award for implementing a chiller system for turbine inlet cooling (TIC). Two centrifugal chillers of 1,445 tons each can cool turbine inlet air from 100°F to 47°F for two GE LM6000PC gas turbines. The TIC system produces up to 20 MW (25%) of additional power.



* The District Cooling System of the Thermal Energy Corporation (TECO) at the Texas Medical Center received the Excellence Award for implementing chiller-water thermal energy storage (TES) system for cooling inlet air to one GE LM 6000PD gas turbine. A portion of the chilled water at 40°F from its 64,285 ton-hrs TES tank is designed to cool the inlet air from 92°F ambient to as low as 44°F. The TIC system provides up to 10.4 MW (32%) of increased output. Two TICA members, CB&I and The Cool Solutions Company provided the TES tank, and consulting services, respectively.



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.