

Why Gas Turbine Owners & Users Join the

TURBINE INLET COOLING ASSOCIATION turbineinletcooling.org

What is Turbine Inlet Cooling?

Turbine Inlet Cooling (TIC) boosts capacity and efficiency of combustion turbine (CT) systems during hot weather, when power is most needed and highly valued. TIC is a resilient, sustainable, fast-responding and carbon-reducing option. It is also compatible with the CT systems that operate in response to a short notice because of the intermittent output of renewable electric power sources. TIC technologies include a variety of evaporative, chiller-based, and thermal energy storage-based cooling options.

Turbine Inlet Cooling Association

The Turbine Inlet Cooling Association (TICA) is a not-for-profit trade association that promotes the development and worldwide exchange of knowledge related to TIC. TICA website serves as one-stop source of information about all TIC technologies. TICA will also work on qualifying TIC for carbon credits. TICA has 74 members as of January 1, 2021, including 52 gas turbine owners/users.

TICA Member Benefits for Gas Turbine Owners & Users

As each TIC technology has inherent pros and cons, no one technology is best suited for all applications. Therefore, it is essential to understand each technology's benefits and limitations. TICA facilitates such an understanding by providing a myriad of useful information, including the following for its members, whether or not they already have been using a TIC system:

- Full version of the TIC Experience Database: including the facility's name, locations, type of TIC technology and its age; CT make & model; capacity enhancement achieved; and many additional details
- Webinars: covering various TIC Technologies and Best Practices
- Access to TIC Experts for All Technologies
- Buyers Guide: including the names, contact info, and descriptions for the providers of TIC systems, components, and services
- Bibliography: TIC-related published articles, papers, and presentations
- Great resource for educating new personnel about TIC
- Incorporates a database of over 400 TIC installations, archived webinars, and presentations
- Great resource for educating new personnel about TIC
- Opportunity to participate in TICA leadership and provide direction for TICA activities

Join TICA

Annual membership fee for CT owners / users (<http://www.turbineinletcooling.org/about/member.html>) is only \$250. For further information on TICA membership contact Dharam (Don) Punwani, Executive Director, at 630-357-3960.