



## RESOURCE GUIDE

Updated: May 18, 2010

This Turbine Inlet Cooling (TIC) Buyer's Guide has been developed and is maintained by, and for, the membership of TICA.

Each member company in good standing in TICA is entitled to two types of inclusion in the Guide, at no charge:

1. Inclusion in the Product and Service Matrix, with single or multiple entries, and
2. A detailed entry in the Corporate Profile section of the Guide, including company name and address, contact name and title, telephone, facsimile, e-mail, and website, plus a narrative description (up to 100 words) of the company's TIC experience, capabilities, products, and/or services.

Inclusion in the Guide is not available to non-member companies.

Electronic versions of the Guide may incorporate links to member company e-mail and website addresses, probably for free for the first link, and probably with a fee for additional links.

Product and Service Categories:

### TIC Facilities

Develop / Finance / Own  
Operate and Maintain

### Gas / Combustion Turbines

### TIC System Designers and/or Installers

Consulting / Design Engineering  
Design / Build TIC Systems  
Contractors / Installers

### Suppliers of TIC Equipment and/or Subsystems

Chillers, individual equipment  
Chillers, packaged systems  
Evaporative Cooling and Fogging  
Indirect Evaporative Cooling  
Wet Compression  
Heat Rejection Equipment  
Inlet Air Coils  
Thermal Energy Storage

### Other Products and Services

# TURBINE INLET COOLING ASSOCIATION turbineinletcooling.org

TICA Member Companies	TIC Facilities		Gas / Combustion Turbines	TIC System Design / Installation			Suppliers of TIC Equipment and/or Subsystems							Other Products & Services	
	Develop / Finance / Own	Operate and Maintain		Consulting / Design / Engineering	Design / Build TIC Systems	Contractor / Installer	Chillers / Individual Equipment	Chillers / Packaged Systems	Evaporative Cooling & Fogging	Indirect Evaporative Cooling	Wet Compression	Heat Rejection Equipment	Inlet Air Coils		Thermal Energy Storage
<a href="#">Avalon Consulting, Inc.</a>				X											
<a href="#">Acevedo &amp; Associates, Inc.</a>				X											
<a href="#">Baltimore Aircoil Company</a>											X		X		
<a href="#">Caldwell Energy Company</a>	X	X		X	X	X	X	X	X	X	X	X	X		
<a href="#">Carbonomics, LLC</a>				X											
<a href="#">Chicago Bridge &amp; Iron Co.</a>					X	X							X		
<a href="#">The Cool Solutions Co.</a>	X			X									X	X	
<a href="#">Danfoss H-P Systems</a>															X
<a href="#">Everest Sciences</a>									X						X
<a href="#">FES Systems, Inc.</a>							X	X			X		X		
<a href="#">IDE Technologies</a>													X		
<a href="#">International Coil Limited.</a>								X				X			

# TURBINE INLET COOLING ASSOCIATION turbineinletcooling.org

TICA Member Companies	TIC Facilities		Gas / Combustion Turbines	TIC System Design / Installation			Suppliers of TIC Equipment and/or Subsystems								Other Products & Services
	Develop / Finance / Own	Operate and Maintain		Consulting / Design / Engineering	Design / Build TIC Systems	Contractor / Installer	Chillers / Individual Equipment	Chillers / Packaged Systems	Evaporative Cooling & Fogging	Indirect Evaporative Cooling	Wet Compression	Heat Reject Equipment	Inlet Air Coils	Thermal Energy Storage	
<a href="#">Johnson Controls Inc.</a>							X	X				X	X	X	
<a href="#">Munters Corp.</a>				X	X	X			X	X					X
<a href="#">Natgun Corporation</a>														X	
<a href="#">Parker Hannifin Corporation</a>															X
<a href="#">Pasteris Energy, Inc</a>	X			X	X										
<a href="#">Seoul Air Conditioning, Inc.</a>							X					X	X		X
<a href="#">SPX Cooling Technologies, Inc.</a>												X			X
<a href="#">Stellar Energy Systems</a>	X	X		X	X	X		X				X	X	X	X
<a href="#">The Trane Co.</a>							X	X						X	X
<a href="#">Turbine Air Systems</a>	X	X		X	X	X		X					X	X	X

# **TURBINE INLET COOLING** **ASSOCIATION** [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Acevedo & Associates, Inc.** (*TICA Founding Member*)  
Address: 26606 Dancing Bear  
City, State, Code, Country: San Antonio, Texas, 78258 U.S.A.  
Contact Name, Title: Rudy Acevedo, Jr., P.E., principal  
Telephone: 1-830-980-3547  
Facsimile: 1-830-438-2055  
E-mail: [rudy.acevedp@acevedoandassociates.com](mailto:rudy.acevedp@acevedoandassociates.com)  
Website: [www.acevedoandassociates.com](http://www.acevedoandassociates.com)

Corporate TIC Capabilities, Products, or Services: Acevedo & Associates, Inc. has been providing consulting engineering services for the combustion turbine inlet cooling (power augmentation) and the industrial refrigeration markets since 1999.

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Company Name: **Avalon Consulting, Inc.** (*TICA Founding Member*)  
Address: 427 Prairie Knoll Drive  
City, State, Code, Country: Naperville, Illinois 60565 U.S.A.  
Contact Name, Title: Dharam (Don) Punwani, President  
Telephone: 1-630-983-0883  
Facsimile: 1-630-357-1004  
E-mail: [dpunwani@avalonconsulting.com](mailto:dpunwani@avalonconsulting.com)  
Website: [www.avalonconsulting.com](http://www.avalonconsulting.com)

Corporate TIC Capabilities, Products, or Services: Avalon Consulting, Inc. provides consulting services for turbine inlet cooling (TIC) systems. The scope of our services includes technical and economic analyses of alternative technologies for TIC, and optimization of TIC systems for specific power plants and markets. Our analyses cover all TIC technologies: evaporative cooling (wetted media and fogging), electric and absorption chillers with or without thermal energy storage (TES), and hybrid systems. We provide objective analyses for power plant owners, energy service companies, design and engineering contractors, and cooling equipment manufacturers and sales representatives.

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# **TURBINE INLET COOLING** **ASSOCIATION** [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Baltimore Aircoil Company.** (*TICA Founding Member*)  
Address: P.O Box 7322  
City, State, Code, Country: Baltimore, MD 21227 U.S.A.

Contact Name, Title: Justin Scremin, Product Marketing Engineer  
Telephone: 1-410-799-6200  
Facsimile: 1-410-799-6405  
E-mail: [JScremin@BaltimoreAircoil.com](mailto:JScremin@BaltimoreAircoil.com)  
Website: [www.avalonconsulting.com](http://www.avalonconsulting.com)

Corporate TIC Capabilities, Products, or Services: Baltimore Aircoil Company (BAC) is a worldwide manufacturer and marketer of heat transfer and ice thermal storage products. BAC products serve customers in power generation, air conditioning, refrigeration, and industrial processes.

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Company Name: **Caldwell Energy Company** (*TICA Founding Member*)  
Address: 4020 Tower Road  
City, State, Code, Country: Louisville, Kentucky 40219 USA

Contact Name, Title: John E. Kraft, P.E., President  
Telephone: 1-502-964-6450  
Facsimile: 1-502-966-8732  
E-mail: [jkraft@caldwellenergy.com](mailto:jkraft@caldwellenergy.com)  
Website: [www.caldwellenergy.com](http://www.caldwellenergy.com)

Corporate TIC Capabilities, Products, or Services: Caldwell Energy Company was founded in 1995 with the mission of providing combustion turbine users with inlet cooling systems. Caldwell is the only provider of all inlet cooling technologies including evaporative cooling with fog, on-line chilling, chilling with Thermal Energy Storage (ice or water) and patented Wet Compression Technology, giving Caldwell the unbiased ability to fairly evaluate which technology best serves a Customer's need. Caldwell is an experienced turnkey provider of all inlet cooling systems with proven installations on all combustion turbines: aero-derivative, mature industrial and advanced turbines. Caldwell provides aftermarket support and services for all technologies.

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# TURBINE INLET COOLING ASSOCIATION [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Carbonomics, LLC**  
Address: 5077 Blackhawk Dr  
City, State, Code, Country: Danville, CA 94506 U.S.A.

Contact Name, Title: Seth Baruch, President  
Telephone: 1-202-236-5253  
Facsimile: 1-925-984-2609  
E-mail: [sbaruch@carbonomicsonline.com](mailto:sbaruch@carbonomicsonline.com)  
Website: <http://www.carbonomicsonline.com>

Corporate TIC Capabilities, Products, or Services: Carbonomics LLC is a world leader in helping clean tech companies generate emission-reduction credits in the multi-billion dollar, greenhouse gas trading market. Because TIC technology improves the efficiency of power generation, it can reduce CO2 emissions and produce GHG reduction credits that can be sold into the international carbon-trading market. The result can be millions of dollars of additional revenue to a TIC project. The process of developing a “carbon asset” can be complicated, however, and Carbonomics guides its partners through each step – from project inception to registering the credits to finding a buyer.

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Company Name: **Chicago Bridge & Iron Company** (*TICA Founding Member*)  
Address: One CB&I Plaza, 2103 Research Forest Drive  
City, State, Code, Country: The Woodlands, TX 77380, U.S.A.

Contact Name, Title: Orville A. Earhart, Business Development Manager  
Telephone: 1-832-513-1122  
Facsimile: 1-832-513-1505  
E-mail: [oeahart@cbiepc.com](mailto:oeahart@cbiepc.com)  
Website: [www.cbiepc.com](http://www.cbiepc.com)

Corporate TIC Capabilities, Products, or Services: CB&I, a global design-build construction company with over \$1 billion in worldwide annual revenues, has long served the power industry with many quality turnkey products and services. CB&I provides complete design-build, guaranteed-performance Turbine Inlet Cooling systems utilizing Thermal Energy Storage (TES), as well as construction services for CTIC systems designed by others. CB&I has an unequalled experience record which includes dozens of turnkey utility refrigeration systems and over 100 large TES systems, including ice storage, Strata-Therm® chilled water storage, and patented **SoCool**<sub>SM</sub> low temperature stratified fluid storage.

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# TURBINE INLET COOLING ASSOCIATION [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **The Cool Solutions Company** (*TICA Founding Member*)  
Address: 5007 Lincoln Avenue, Suite 201  
City, State, Code, Country: Lisle, Illinois 60532 USA.

Contact Name, Title: John S. Andrepont, President  
Telephone: 1-630-353-9690  
Facsimile: 1-630-353-9691  
E-mail: [CoolSolutionsCo@aol.com](mailto:CoolSolutionsCo@aol.com)  
Website: [www.CoolSolutionsCo.com](http://www.CoolSolutionsCo.com)

Corporate TIC Capabilities, Products, or Services: The Cool Solutions staff provides consulting services for both the business and technical aspects of CTIC developments of various types, from analysis and planning through installation and operation. Past projects include: CT plant capacities from 1 MW to 500 MW; simple cycle and combined cycle plants; direct refrigerant evaporation and water-cooled air coils; mechanical and absorption refrigeration; non-storage, water storage and ice storage systems. Our staff is particularly experienced with identifying and capturing the benefits of Thermal Energy Storage (TES), including applications of patented **SoCool**<sup>SM</sup> low temp TES.

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Company Name: **Danfoss H-P Systems**  
Address: 7560 Southwest Jack Janes Drive  
City, State, Code, Country: Stuart, FL 34997 USA

Contact Name, Title: Rodney Kohler, Product Marketing Engineer  
Telephone: 1-813-215-7762  
Facsimile:  
E-mail: [R.Kohler@danfoss.com](mailto:R.Kohler@danfoss.com)  
Website: [www.danfoss.com](http://www.danfoss.com)

Corporate TIC Capabilities, Products, or Services: FES Systems Inc. provides chilling equipment for the mechanical pre-cooling of turbine inlet air. Air chilling can be provided using chilled water or anti-freeze fluids, or direct refrigerant in coils. Components manufactured at FES Systems Inc. include rotary screw compressors, shell-and-tube heat exchangers, plate-and-frame heat exchangers, vessels and controls. Drives can be electric motor, gas engine, or steam turbine depending on customer requirements, and refrigerants range from halocarbons to natural refrigerants such as ammonia and hydrocarbons. Equipment can be furnished as individual components for field assembly and installation. For those applications requiring complete factory packaged chiller systems, FES Systems Inc. offers screw compressors and heat exchangers through a partnership with Turbine Air Systems.

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# **TURBINE INLET COOLING** **ASSOCIATION** turbineinletcooling.org

Company Name: **DYK Incorporated**  
Address: 8775 Center Park Drive # 456  
City, State, Code, Country: Columbia, MD 21045 USA

Contact Name, Title: Davis Bain, Business Development  
Telephone: 1-410-200-8707  
Facsimile: 1-410-730-6246  
E-mail: [david.bain@dyk.com](mailto:david.bain@dyk.com)  
Website: [www.dyk.com](http://www.dyk.com)

Corporate TIC Capabilities, Products, or Services: DYK Incorporated engineers and builds prestressed concrete tanks for many applications, including thermal energy storage (TES). DYK Incorporated is a licensee of Switzerland based BBR Holding Ltd. in the United States.

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Company Name: **Everest Sciences**  
Address: 7737 East 42nd Place, Suite H  
City, State, Code, Country: Tulsa, OK 74145 USA

Contact Name, Title: Marcus Bastianen, Director of Sales and Marketing  
Telephone: 1-918-770-4606  
Facsimile: 1-866-922-2507  
E-mail: [mvastianen@everestsciences.com](mailto:mvastianen@everestsciences.com)  
Website: [www.EverestSciences.com](http://www.EverestSciences.com)

Corporate TIC Capabilities, Products, or Services: FES Systems Inc. provides chilling equipment for the mechanical pre-cooling of turbine inlet air. Air chilling can be provided using chilled water or anti-freeze fluids, or direct refrigerant in coils. Components manufactured at FES Systems Inc. include rotary screw compressors, shell-and-tube heat exchangers, plate-and-frame heat exchangers, vessels and controls. Drives can be electric motor, gas engine, or steam turbine depending on customer requirements, and refrigerants range from halocarbons to natural refrigerants such as ammonia and hydrocarbons. Equipment can be furnished as individual components for field assembly and installation. For those applications requiring complete factory packaged chiller systems, FES Systems Inc. offers screw compressors and heat exchangers through a partnership with Turbine Air Systems.

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# TURBINE INLET COOLING ASSOCIATION turbineinletcooling.org

Company Name: **FES Systems Inc.** (*TICA Founding Member*)  
Address: 3475 Board Road  
City, State, Code, Country: York, Pennsylvania 17402 USA

Contact Name, Title: Dennis Halsey, Vice President - Sales & Marketing  
Telephone: 1-717-767-6411  
Facsimile: 1-717-764-3627  
E-mail: [dhalsey@fessystems.com](mailto:dhalsey@fessystems.com)  
Website: [www.fessystems.com](http://www.fessystems.com)

Corporate TIC Capabilities, Products, or Services: FES Systems Inc. provides chilling equipment for the mechanical pre-cooling of turbine inlet air. Air chilling can be provided using chilled water or anti-freeze fluids, or direct refrigerant in coils. Components manufactured at FES Systems Inc. include rotary screw compressors, shell-and-tube heat exchangers, plate-and-frame heat exchangers, vessels and controls. Drives can be electric motor, gas engine, or steam turbine depending on customer requirements, and refrigerants range from halocarbons to natural refrigerants such as ammonia and hydrocarbons. Equipment can be furnished as individual components for field assembly and installation. For those applications requiring complete factory packaged chiller systems, FES Systems Inc. offers screw compressors and heat exchangers through a partnership with Turbine Air Systems.

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Company Name: **IDE Technologies**  
Address: Hamatechet St., P.O.B. 5016  
Hasharon Industrial Park  
City, State, Code, Country: Kadima 60920, Israel  
Contact Name, Title: Mr. Shlomi Rott, Marketing Director  
Telephone: +972-9-892-9849  
Cell: +972-52-320-3064  
Facsimile: +972-9-892-9759  
E-mail: [shlomir@ide-tech.com](mailto:shlomir@ide-tech.com)  
Website: [www.ide-tech.com](http://www.ide-tech.com)

Corporate TIC Capabilities, Products, or Services: IDE Technologies, jointly owned by ICL (NASDAQ: ISCHF, \$4.55 Billion) and Delek Group (NASDAQ: DLKGF, \$11.6 Billion) is a pioneer and world leader in water technologies. IDE specializes in development, construction and operation of advanced desalination plants, and innovative technology for snow making, Thermal Energy Storage (TES) and large-scale space cooling/heating. Our unique energy efficient Vacuum Ice Maker (VIM) technology offers optimized solution for shift load of GT Inlet Cooling Systems equipped with mechanical chillers. Ice Slurry is being stored in a simple and low cost storage tanks. IDE Technologies operates from Israel and has offices in the United States, India, and China.

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# **TURBINE INLET COOLING** **ASSOCIATION** [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **International Coil Limited**  
Address: 7th Floor, DLF Cyber City, Building 9 B, Gurgaon, Haryana, INDIA  
City, State, Code, Country: D.S. Kalsi, CTO

Contact Name, Title: Bill McAuliffe, Director of National Accounts - Systems  
Telephone: +91-11-25701967, 68  
Facsimile: +91-11-25893126  
E-mail: [kalsi@icl-tech.com](mailto:kalsi@icl-tech.com) , [kalsi27nov@hotmail.com](mailto:kalsi27nov@hotmail.com)  
Website: [www.icl-tech.com](http://www.icl-tech.com)

Corporate TIC Capabilities, Products, or Services: International Coil Limited provides turnkey solutions for Turbine Inlet Cooling, ACC, HVAC, Heat transfer and Refrigeration systems. ICL can supply, install, commission, operate and maintain these systems as per customer requirement. ICL has installed over 150,000 tons of chilling systems. Most of these systems use exhaust-fired (heat recovery) absorption chillers. Depending upon the requirement ICL provides systems with either electric, steam-driven, direct-fired, or exhaust-fired / heat recovery chillers.

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Company Name: **Johnson Controls Inc/York** (*TICA Founding Member*)  
Address: 10644 West Little York Road, Suite 200  
City, State, Code, Country: Houston, Texas 77041 U.S.A.

Contact Name, Title: Bill McAuliffe, Director of National Accounts - Systems  
Telephone: 1-713-934-3385  
Facsimile: 1-713-934-7852  
E-mail: [william.j.mcauliffe@jci.com](mailto:william.j.mcauliffe@jci.com)  
Website: [www.jci.com](http://www.jci.com)

Corporate TIC Capabilities, Products, or Services: York International, now a Johnson Controls company, is a fortune 500 corporation founded in 1874 with headquarters in York, Pennsylvania that provides Industrial Electric centrifugal chillers, Absorption chillers, Steam turbine Drive chillers and gas engine drive chillers to the Power industry and the industries leading packagers. York has extensive worldwide sales and service network consisting of over 2500 factory-trained technicians that can provide York service anywhere in the World.

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# TURBINE INLET COOLING ASSOCIATION [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Munters Corporation** (*TICA Founding Member*)  
Address: 210 6th Street, S.E.  
City, State, Code, Country: Ft. Myers, Florida 33907 U.S.A.

Contact Name, Title: Annette Dwyer, Regional Sales Manager  
Telephone: 1-239-690-8474  
Facsimile: 1-239-936-4601  
E-mail: [annette.dwyer@munters.com](mailto:annette.dwyer@munters.com)  
Website: [www.precooler.com](http://www.precooler.com)

Corporate TIC Capabilities, Products, or Services: For almost 40 years, Munters has been an authority on evaporative cooling technology. Our evaporative cooling products have been installed in hundreds of combustion turbine inlets around the world. Munters can show you how to boost your turbine output by up to 20% when you need it most, during those hot summer afternoons. One of a few companies to supply both fog and media based systems, Munters is uniquely qualified to educate you on the benefits of both types of technology and help you decide which system is best for your specific site. Start increasing profits and contact us today.

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Company Name: **Natgun Corporation** – North Texas  
Address: 410 E. Trinity Blvd  
City, State, Code, Country: Grand Prairie, TX 75050 U.S.A.

Contact Name, Title: Guy Frankenfield - Manager, TES & Biofuels Division  
Telephone: 1-972-823-3300  
Facsimile: 1-972-823-3333  
E-mail: [gfrankenfield@natgun.com](mailto:gfrankenfield@natgun.com)  
Website: [www.natgun.com](http://www.natgun.com)

Corporate TIC Capabilities, Products, or Services: Natgun Corporation builds the highest quality Thermal Energy Storage (TES) tanks for the energy efficiency market and digester tanks for the Bio-fuels market. Each tank is designed by Natgun engineers to maximize the energy effectiveness and minimize the operational costs for the owner. Because they are constructed of reinforced concrete, they can be built above ground, partially buried, or fully buried. Natgun tanks are built watertight and maintenance-free, providing decades of continuous service for owners.

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# **TURBINE INLET COOLING** **ASSOCIATION** [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Parker Hannifin Corporation** (*TICA Founding Member*)  
Address: 9200 Tyler Blvd.  
City, State, Code, Country: Mentor, Ohio 44060 USA U.S.A

Contact Name, Title: Kim Aiken, Senior Support Engineer  
Telephone: 1-630-553-8440  
Facsimile: 1-630-553-8440  
E-mail: [macrospray@parker.com](mailto:macrospray@parker.com)  
Website: [www.parker.com](http://www.parker.com), [www.macrospray.com](http://www.macrospray.com)

Corporate TIC Capabilities, Products, or Services: Parker Hannifin is the world's leading supplier of motion and control equipment. The Gas Turbine Fuel System Division's patented Macrospray technology offers superior spray performance in the widest array of packaging options including the remarkable multi-point Spider nozzles. Parker offers spray nozzles and accessories including manifolds, valves, connectors, filters, and hose as well as systems and sub-systems for turbine cooling and wet compression.

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Company Name: **Pasteris Energy, Inc.** (*TICA Founding Member*)  
Mailing Address: 430 Trend Road  
City, State, Code, Country: Yardley, Pennsylvania 19067 U.S.A.

Contact Name, Title: Raymond M. Pasteris, President  
Telephone: 1-215-736-8170  
Facsimile: 1-215-736-8171  
E-mail: [rpasteris@pasterisenergy.com](mailto:rpasteris@pasterisenergy.com)  
Website: [www.pasterisenergy.com](http://www.pasterisenergy.com)

Corporate TIC Capabilities, Products, or Services: Pasteris Energy, Inc. located midway between Philadelphia and New York City operates as a unique energy firm providing energy development, engineering, economic and commercial services in district heating and cooling, combined heat and power ("CHP"), turbine inlet air cooling, energy conservation audits, energy asset valuation and energy performance contracting.

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# **TURBINE INLET COOLING** **ASSOCIATION** turbineinletcooling.org

Company Name: **Seoul Air Conditioning Inc.**  
Address: East Building 8F, IT Venture Tower, Karak-Dong 78, Songpa-Gu  
City, State, Code, Country: Seoul, 138-803, Korea

Contact Name, Title: Gabriel Kim, Director  
Telephone: 82-2-2142-0070  
Facsimile: 82-2-401-5018  
E-mail: [gabriel@infinergy.net](mailto:gabriel@infinergy.net)  
Website: [www.seoulahu.co.kr](http://www.seoulahu.co.kr)

Corporate TIC Capabilities, Products, or Services: Seoul Air Conditioning Inc., (SACI) is the leading HVACR and Energy Solution provider in Korea for chiller packages and systems, cooling towers, evaporative coolers, and conventional and specialized air handlers. These products and system solutions cover centrifugal chillers from 300 to 2700USRT; factory assembled and field erected cooling towers; cooling and heating coils, and air handlers. Combined with special application commercial and industrial heat pumps heat recovery products and systems, and TIC, SACI offers pioneering resources and expertise in optimum energy conservation solutions.

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Company Name: **SPX Cooling Technologies, Inc.**  
Address: 7401 W. 129<sup>th</sup> St.  
City, State, Code, Country: Overland Park, KS 66213 U.S.A.

Contact Name, Title: Paul Lindahl, Dir. Marketing & Business Development  
Telephone: 1-913-664-7588  
Facsimile: 1-913-693-9310  
E-mail: [paul.lindahl@ct.spx.com](mailto:paul.lindahl@ct.spx.com)  
Website: [www.spxcooling.com](http://www.spxcooling.com)

Corporate TIC Capabilities, Products, or Services: Many of the existing turbine air inlet cooling installations use SPX Cooling Technologies products. Marley, Balcke, Hamon Dry Cooling and Recold are brands offered by this technology leading global manufacturer of field erected and factory assembled cooling towers, evaporative coil products and air-cooled condensers. SPX CT equipment has been used in a large number of air-conditioning, refrigeration, industrial, power and other heat rejection applications throughout the world. SPX CT offers its customers lifetime value in the products and services provided through its global network.

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# TURBINE INLET COOLING ASSOCIATION [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Stellar Energy Systems** (*TICA Founding Member*)  
Address: 2900 Hartley Road  
City, State, Code, Country: Jacksonville, Florida 32257 U.S.A.

Contact Name, Title: Curtis Lovelace, Vice President, Stellar Energy Systems  
Telephone: 1-904-260-2900, ext. 3283  
Facsimile: 1-904-899-9283  
E-mail: [clovelace@stellar.net](mailto:clovelace@stellar.net)  
Website: [www.stellarenergysystems.com](http://www.stellarenergysystems.com)

Corporate TIC Capabilities, Products, or Services: The Stellar Group provides turnkey turbine inlet chilling systems for aero-derivative and industrial turbine power plants. Stellar's in house engineering, project management, fabrication, field and service personnel have industry leading experience in the design, fabrication, installation and service of water/glycol and direct refrigerant systems including thermal energy storage. Our single source delivery capabilities allow us to offer a wrap around guarantee – ensuring expected performance and on time operation. Stellar is the largest industrial refrigeration design/builder in the U.S. with the resources, capabilities and experience to guarantee TIC project success.

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Company Name: **Trane**  
Address: 3600 Pammel Creek Road  
City, State, Code, Country: LaCrosse, Wisconsin 54601 U.S.A.

Contact Name, Title: Brad Whitney, Chiller Product Support Manager  
Telephone: 1-608-787-3030  
Facsimile: 1-608-787-2204  
E-mail: [bwhitney@trane.com](mailto:bwhitney@trane.com)  
Website: [www.trane.com](http://www.trane.com)

Corporate TIC Capabilities, Products, or Services: Trane is a worldwide leading supplier of commercial and industrial air conditioning systems, with current annual sales approaching \$4 billion. Known for world-class quality, we provide reliable equipment and controls needed for today's air conditioning systems. We offer assistance with start-up, service and global training of the customer. We have offices, service operations and manufacturing facilities around the world, all networked to provide uniform local support capabilities such as engineering expertise, application assistance, service and parts. Trane provides large tonnage chillers and controls for packaged TIC application through an exclusive agreement with Turbine Air Systems.

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# **TURBINE INLET COOLING** **ASSOCIATION** [turbineinletcooling.org](http://turbineinletcooling.org)

Company Name: **Turbine Air Systems, Ltd** (*TICA Founding Member*)  
Address: 3050 Post Oak Blvd, Suite 1600  
City, State, Code, Country: Houston, Texas 77056 U.S.A.

Contact Name, Title: Gary Hilberg, Vice President Sales  
Telephone: 1-713-877-8700  
Facsimile: 1-713-877-8701  
E-mail: [sales@tas.com](mailto:sales@tas.com)  
Website: [www.tas.com](http://www.tas.com)

Corporate TIC Capabilities, Products, or Services: Turbine Air Systems is the leading supplier of packaged inlet cooling solutions for new and existing gas turbine facilities. These solutions include on-line and Thermal Energy Storage systems. TAS has provided inlet cooling for over 140 gas turbines, worldwide. These systems comprise over 250,000 tons of water & air-cooled refrigeration systems. TAS's highly efficient packaged solutions provide the lowest operating costs and highest net present value of any inlet cooling solution. TAS is the exclusive packager of highly efficient Trane chillers. In addition TAS is the exclusive packager of FES Systems helical screw compressor, utilized for air-cooled inlet cooling applications. TAS offers a full product range of air-cooled and water-cooled chilling packages ranging from 500 to over 8000 tons. We also offer service and installation supervision for all of our packaged Inlet Cooling systems.

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