

CORPORATE PROFILE

COOLING SOLUTIONS | FIELD SERVICES
TURNKEY PROJECTS | TURNAROUND SERVICES | PART SALES



ICT
INTERNATIONAL
COOLING TOWER

ABOUT US

Since 1958, International Cooling Tower (ICT) has provided a complete line of industrial cooling technologies and industrial construction capabilities for petrochemical facilities, the power industry, and petroleum refineries.

Over the years, our customers have come to rely on ICT's professionalism, safe work practices, quality, and value.

Areas of Expertise

WET COOLING
DRY COOLING
AFTERMARKET
INDUSTRIAL SERVICES
PART SALES

RECENT MAJOR PROJECTS:

2013

XCEL Energy
Sherco Station
Becker, Minnesota
26 cells

2014

Enmax Energy
Calgary Energy
Center
Calgary, Alberta
14 cells

2015

Xcel Energy
Pawnee Station
Brush, Colorado
16 cells

2016

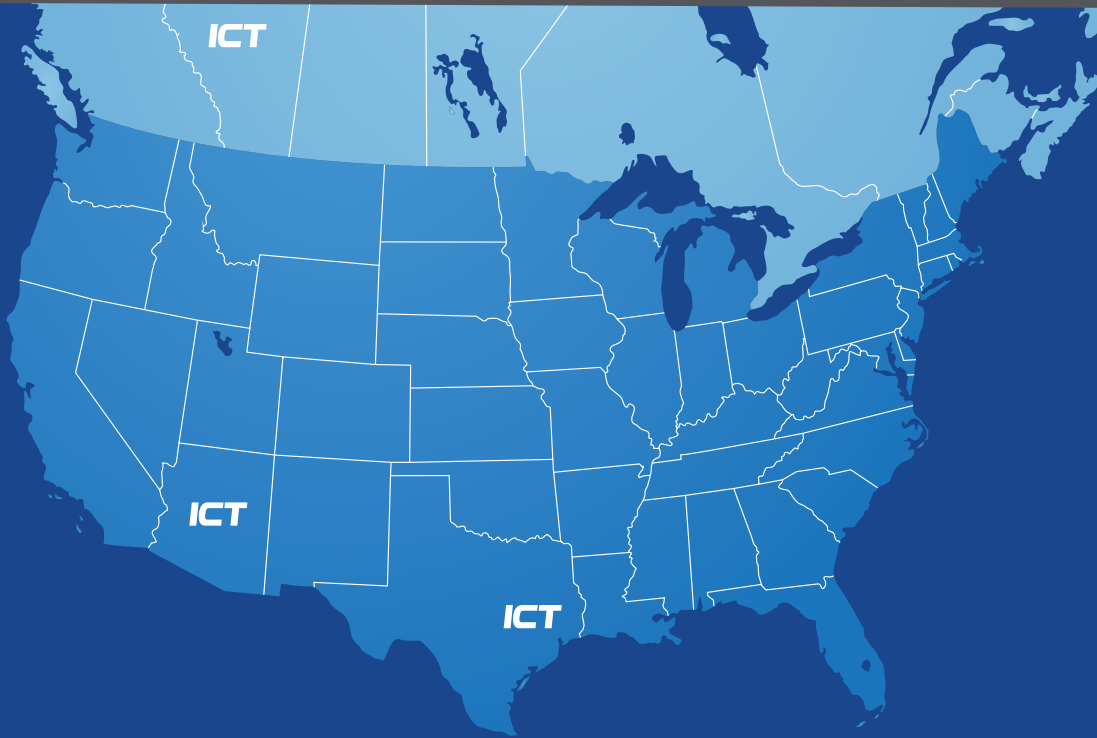
Kiewit / TransCanada
Lennox Generating
Station
Napanee, Ontario
14 cells

2017

Xcel Energy
Harrington Station
Amarillo, Texas
14 cells

OUR HISTORY

Established in 1958 in Edmonton, Alberta, ICT has grown over the years into a North American market leader in industrial cooling tower design, manufacturing, and field services due to our exceptional customer focus. In 1989, we expanded into the United States with an office in Tucson, Arizona, and in 2009 we opened offices in Houston, Texas. In 2017, we expanded into heavy industrial construction with the creation of ICT Industrial Inc., which provides general contracting, steel erection, ASME Code welding, and fabrication across North America. In 2019, we opened ICT Fabricators, a 25,000 sq. ft. facility on 5.3 acres in Phoenix, AZ, to ensure we can meet client expectation on delivery timelines. The facility runs (2) 4 axis CNC routers, CNC chop saw, and 4x8 plasma table.



2018

2019

2020

2021

2022

McDermott / 3
Plants
Gulf Coast
30 cells

Bechtel / Advanced Power
South Field Energy
Facility
Wellsville, OH
8 cells

Bechtel / Shell
Pennsylvania
Petrochemicals Complex
Monaca, Pennsylvania
32 cells

Kiewit / DTE
Blue Water Energy
Center
East China, Michigan
16 cells

XCEL Energy
Monticello Nuclear
Generating Plant
Monticello, Minnesota
18 cells



OUR VISION

OUR BUSINESS

We utilize corporate flexibility to readily adapt to our customers' terms and conditions while focusing on overall requirements: site planning, water and air quality, evaluated costs, ease of operation, and long term integrity. Our engineering teams are experts in cooling tower design optimization, maximizing efficiency while assuring compliance with OSHA, EPA and regional operating permits.

Integrity, experience and innovation provide the foundation for building our long-term business relationships. ICT looks forward to continuing to provide our customers with excellent service.

OUR COMMITMENT

Our commitment to safety, quality and environmental sustainability has been the focus of our business practices for over 60 years.

ICT is committed to ensuring that all of our employees return to their families and friends safely every day.

We strive daily to improve our skills and talents to continually improve our products, services and relationships with our customers.



OUR PARTNERS

MOTIVA



Honeywell

INEOS Silicas

lyondellbasell



FLUOR



JACOBS

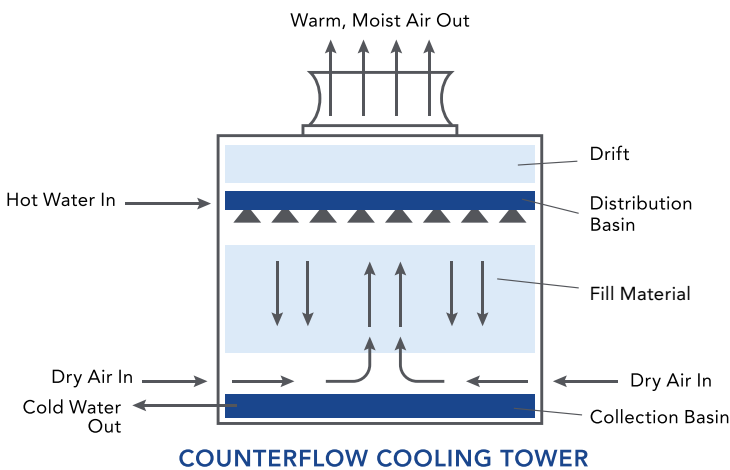


Syocrude
Securing Canada's Energy Future

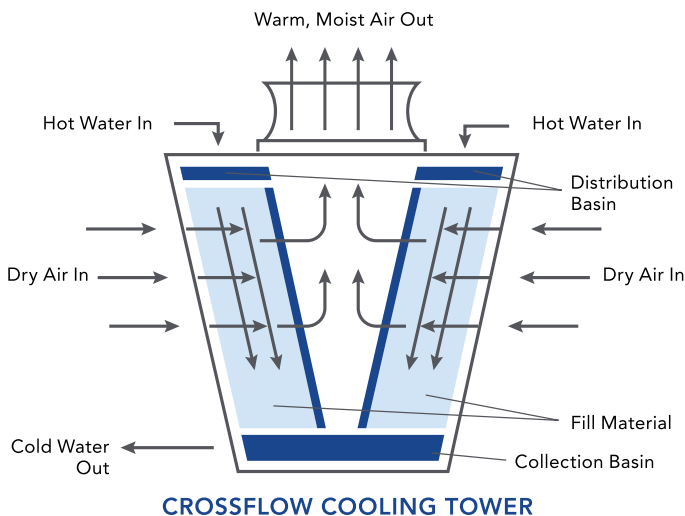




NEW COOLING TOWERS INSTALLATION, RECONSTRUCTION AND FIELD MAINTENANCE



/// WET COOLING



RESEARCH AND DEVELOPMENT

ICT conducts a wide range of research and development programs to ensure we are providing customers with the most current and efficient cooling tower technology.

The areas of research include:

- Structural materials and performance
- Fill media product evaluation and development
- Mechanical equipment enhancements to reduce noise levels and improve performance
- Automated mechanical equipment operation to improve performance in cold weather climates
- Industry leading on-site construction techniques and safe work methods
- Solutions to reduce construction time during outages and turnarounds

ENGINEERED SOLUTIONS

Our engineering services provide custom solutions.

Engineered solutions include:

- Inspections for immediate structural repairs
- Productivity improvements
- Maintenance cost savings



Complete cooling tower construction and assembly, maintenance, and repair services with ICT's experienced project management team and field crews.

FIELD SERVICE TEAM

Our field service team includes Project Managers, Construction Managers, Field Superintendents, Foremen, Lead Hands and Trade Employees. Over the years, our customers have come to rely on ICT's professionalism, safe work practices, quality, and value.

FIELD CONSTRUCTION AND SERVICE SUPPORT STAFF INCLUDE:

- Project Management
- Estimating
- Safety Management
- Quality Control Management
- Material Sourcing & Procurement
- Subcontractor Coordination

OUTLINE OF ICT FIELD CONSTRUCTION AND SERVICE CAPABILITIES:

- Dedicated on-site construction team including project management, supervision, and craft
- 15 in-house Project Management and Engineering staff members
- Over 50 Field Superintendents at locations across the United States and Canada
- Union and non-union construction teams
- Over 500 trained cooling tower technicians and field trade personnel in the United States and 200 in Canada
- Weekly progress reporting, scheduling, and project planning with Primavera Software
- Expertise in on-line repairs and replacement including extensive experience with oil refineries and chemical plants
- Front End Engineering Design studies
- Project funding request support and long-range maintenance forecasting
- Maintenance Service Agreement Accounts and ability to serve all sites across North America
- Turnkey Wood to FRP replacement including temporary cooling tower supply, demolition, ACM abatement and new tower supply during short outages
- Emergency repair and replacement services
- Natural disaster preparedness and strategic material planning

A large yellow crane is lifting a white, rectangular, perforated metal structure. The structure is suspended by a complex arrangement of cables and a triangular rig. The background shows an industrial facility with various tanks, pipes, and structures under a cloudy sky. The crane has "CERTIFIED" written on its boom.

TURNAROUND

Top-notch teams mean every project is executed with a commitment to safety, quality, and innovation.



ICT offers turnkey industrial cooling tower turnaround solutions that offer customers enhanced cost management and a dedicated design, engineering, procurement, construction, and implementation team that ensures the project is completed on time and on budget.

OUR TURNKEY PROJECT SERVICES INCLUDE:

- Constructability and capital expense evaluations
- Design and engineering
- Estimating
- Safety program development and management
- Material procurement management
- Subcontractor management (excavation, underground piping, concrete, electrical, and demolition)
- Labor relations management
- Construction coordination
- Scheduling and cost control analysis
- Quality control management
- Field engineering
- Startup and commissioning

DRY COOLING



ICT provides maintenance, repairs and parts services for all types of Air Cooled Condensers and Hybrid Cooling Systems.

SERVICES

- Mechanical Component Service
- Inspections
- Maintenance
- Engineering
- Parts
- FEED / FEED Studies
- Repairs

EQUIPMENT

- Air Cooled Condenser
- Fin Fan Coolers
- Hybrid-Plume Abated Tower
- Existing Tower Additions
- Data Center Cooling Towers
- ACHE (Air Cooled Heat Exchanger)



FIELD SERVICE SUPPORT STAFF

- Project Manager
- Estimators
- Safety Manager
- Quality Control Manager
- Material Sourcing & Procurement
- Subcontractor Coordinator
- Field Superintendents
- Foremen
- Lead Hands
- Trade Employees

ICT FIELD SERVICE CAPABILITIES

- Over 50 field superintendents at locations across the United States and Canada
- Over 500 trained cooling tower technicians and field trade personnel in the United States and 200 in Canada



ICT FABRICATORS

This ICT division in Chandler, Arizona was opened March 1st, 2019. The 20,000 sq. ft. shop and 5,000 sq. ft. office buildings rest on a 5.26 acre property capable of storing 1.4 million feet of unfabricated fiber reinforced plastics (FRP) structural material.

It was specifically opened to shorten our **response time** to clients for emergencies, turnarounds, maintenance, module and field erected towers.

Significant capital investments, research and innovation continually improve production and further automation. Several active CNC machines fabricate carbon, stainless steel and fiber reinforced plastics products for North and central American projects.

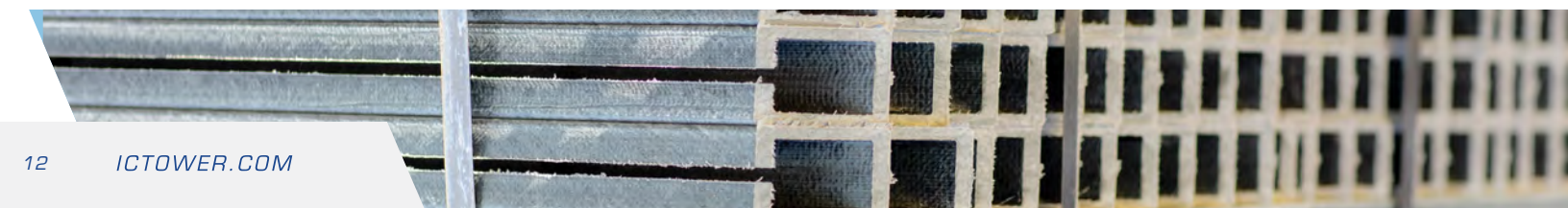
Most of our equipment has been custom engineered for ICT, so we can provide higher quality products at a competitive price. Our intelligence is what sets us apart from our competitors.

ICTs' in-house inventory and order tracking system provides clients and project managers with real time progress and shipping information through industry leading databasing and visualization software.

Production measurement reports provide insights that facilitate intelligent, data-driven decision making on material usage, demand forecasting, inventory management and other operational processes. This isn't fluff; it allows us to make sure the right time-sensitive materials are packaged to suit each projects installation sequence.

We maintain a year's worth of inventory in response to upset supply chains, ensuring we can deliver what we promise.

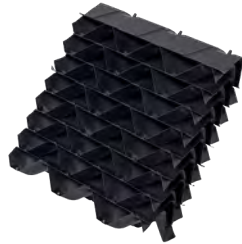
At ICT Fabricators: We exist for your emergencies, love making your deadlines, and live to surpass your expectations.



PARTS



GEARBOXES



DRIFT ELIMINATOR



FANSTACK



FILM FILL



TORQUE TUBE



NOZZLE



FRP ACCESS LADDER

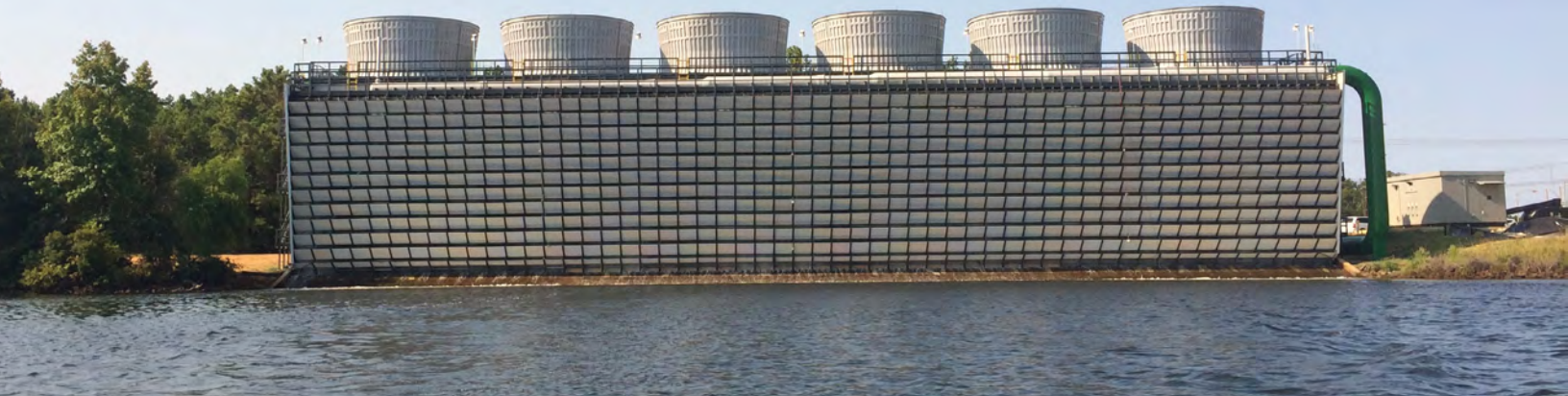


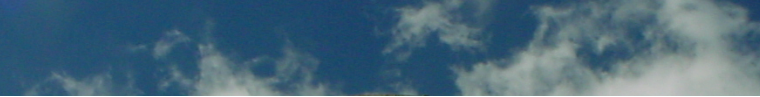
STAINLESS STEEL VALVES

Come visit our online part's store. We have everything is stock and so much more! Our inventory of parts is extensive with over 20 acres and 50,000 sq ft of warehouse space. We have all of the parts for any cooling tower project.

If you don't see it on the store enquire at SpareParts.ICTower.com

OUR PROJECTS





USA HEAD OFFICE

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Deer Park, TX, 77536
832.780.6900

USA FIELD OPERATIONS

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La Porte, TX, 77571
281.479.3255

USA FABRICATION FACILITY

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Chandler, AZ, 85249
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CANADA

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