

Manufactured and delivered by the United States, the fourth superconducting central solenoid magnet module has been stacked for assembly. Photo: ITER Organization

The U.S. Department of Energy Office of Science leads the United States' contributions to the international ITER project, which will demonstrate the scientific and technological feasibility of fusion energy. The seven ITER members are the United States, European Union (host), Japan, Korea, India, China, and Russia. Most US ITER funding for hardware contributions goes to U.S. industry, universities, and national laboratories to support R&D, design, and manufacturing for 12 essential ITER systems.

Key Contracts and Awards

General Atomics

San Diego, California

Vacuum Technology Distribution, Inc.

Oak Ridge, Tennessee

Precision Custom Components

York, Pennsylvania

Luvata Waterbury

Waterbury, Connecticut

Precision Fabrication/Cleaning

Cocoa, Florida

Teledyne Brown Engineering, Inc.

Huntsville, Alabama

Oxford Superconducting Technology

Carteret, New Jersey

Gem Technology International

Miami, Florida

ARMEC Corporation

Oak Ridge, Tennessee

Cable-in-Conduit Engineering

Tallahassee, Florida

VAT, Inc.

San Jose, California

Keller Technology Corporation

Tonawanda, New York

Schneider Electric

Chicago, Illinois

Nova Photonics

Princeton, New Jersey

Innoval Corporation

Houston, Texas

Superbolt

Carnegie, Pennsylvania

Petersen, Inc.

Ogden, Utah

New England Wire Technologies

Lisbon, New Hampshire

AMSPEC

Denver, Colorado

Schneider Electric

Boston, Massachusetts

Hamill Manufacturing

Traford, Pennsylvania

Cosylab USA

Palo Alto, California

Ionex Research Corporation

Lafayette, Colorado

Major Tool & Machine, Inc.

Indianapolis, Indiana

Dielectric Communications

Raymond, Maine

Pfeiffer Vacuum

Nashua, New Hampshire

Seimens Corporation,

Lexington, North Carolina

PMC Engineering

Danbury, Connecticut

Mega Industries

Gorham, Maine

Dymneno

San Francisco, California

Eaton Corporation

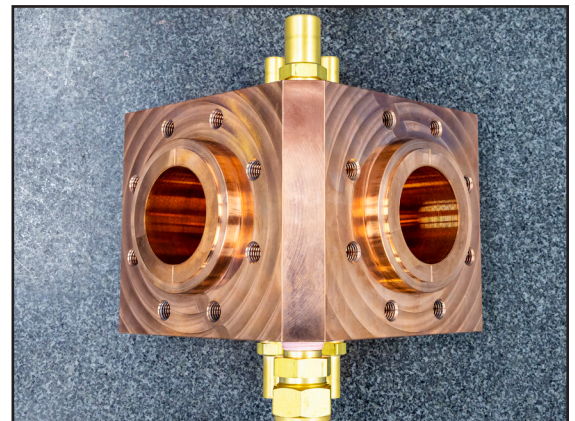
Cleveland, Ohio

Kamatics

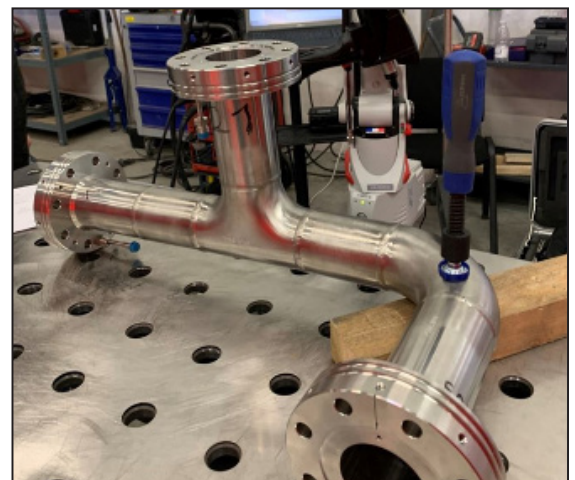
Bloomfield, Connecticut

Rhinestahl

Mason, Ohio



U.S. companies skilled in high-precision engineering are producing components for the electron cyclotron plasma heating of ITER. Photo: ORNL



Components for the vacuum system have been delivered to ITER. Photo: Axima/US ITER

US ITER Contracts Have Been Awarded in 46 States plus the District of Columbia (December 2024)

Cities and states home to industries, universities and laboratories contributing to US ITER include:

ALABAMA

Birmingham, Huntsville, Irondale, Madison, Mobile, Pelham, Russellville

ALASKA

Anchorage

ARIZONA

Lake Havasu City, Phoenix, Scottsdale, Tempe, Tucson

ARKANSAS

Alexander, Little Rock

CALIFORNIA

Alameda, Berkeley, Brea, Carlsbad, Chula Vista, Cupertino, Cypress, Danville, Elk Grove, Fremont, Hayward, Irvine, La Jolla, Lancaster, La Puente, Livermore, Los Angeles, Lynwood, Moorpark, Newark, Palo Alto, Pasadena, Petaluma, Pleasanton, Redwood City, Rialto, San Carlos, San Diego, San Francisco, San Jose, San Luis Obispo, San Mateo, Santa Fe Springs, Santa Rosa, Sunnyvale, Truckee, Vallejo, Windsor, Yreka

COLORADO

Boulder, Broomfield, Colorado Springs, Denver, Englewood, Golden, Greenwood Village, Lafayette, Littleton, Longmont

CONNECTICUT

Bloomfield, Danbury, Hartford, Middletown, New Milford, Norwalk, Stamford, Waterbury

DELAWARE

Newark, Pomfret, Wilmington

DISTRICT OF COLUMBIA

Washington

FLORIDA

Boca Raton, Boynton Beach, Brooksville, Cocoa, Delray Beach, Jacksonville, Lake Mary, Miami, Ormond Beach, St. Petersburg, Tallahassee, Winter Springs

GEORGIA

Alpharetta, Atlanta, Cumming, Douglasville, Duluth, Greensboro, Kennesaw, Lawrenceville, Marietta, Milton, Monroe, Norcross, Suwanee

HAWAII

Kaneohe

IDAHO

Idaho Falls

ILLINOIS

Addison, Aurora, Batavia, Bellwood, Burr Ridge, Chicago, Downers Grove, Elk Grove Village, La Fox, Lake Zurich, Lemont, Lincolnshire, Marion, Mount Prospect, Naperville, Oak Lawn, Roscoe, Saint Joseph, Schaumburg, Skokie, Spring Grove, Vernon Hills, Wood Dale

INDIANA

Brazil, Greenwood, Indianapolis, Jasper, Michigan City, Orleans

IOWA

Muscatine

KANSAS

Shawnee Mission

KENTUCKY

Kennesaw, Lexington

MAINE

Gorham, Raymond

MARYLAND

Bethesda, Columbia, Gaithersburg, Hanover, Hunt Valley, North Potomac, Owings Mills, Pomfret, Rockville, Wilmington

MASSACHUSETTS

Andover, Attleboro, Bedford, Beverly, Billerica, Boston, Brookline, Burlington, Cambridge, Carlisle, Dedham, Franklin, Hanover, Lexington, Littleton, Lynn, Methuen, Natick, Needham, Newton, Norfolk, North Andover, Northampton, Peabody, Plymouth, Salisbury, Saxonville, Walpole, Waltham, West Boylston, Wilmington

MICHIGAN

Ann Arbor, Canton, Detroit, Farmington Hills, Grand Rapids, Holland, Lansing, Ludington, Novi, Okemos, Owing Mills, Plymouth, Troy, Zeeland

MINNESOTA

Cloquet, Eden Prairie, Maple Grove, Minnetonka, Thief River Falls, Winona

MISSOURI

Marionville, St. Louis

MONTANA

Bozeman

NEBRASKA

Lincoln, Ogallala, Omaha

NEVADA

Las Vegas

NEW HAMPSHIRE

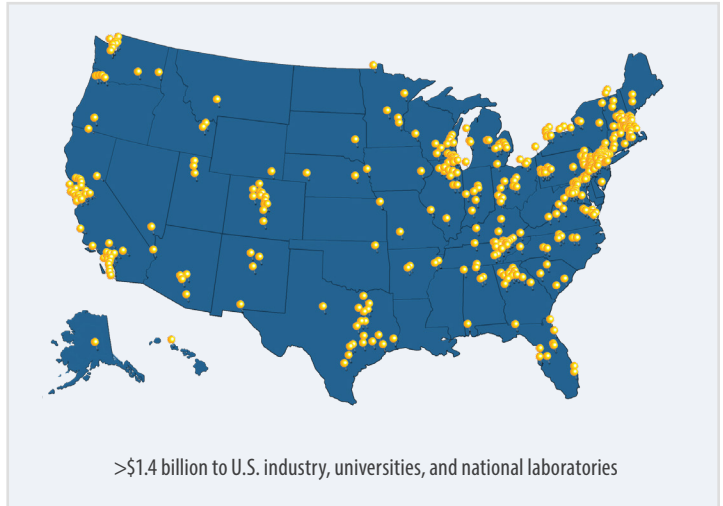
Hudson, Lebanon, Lisbon, Lyme, Milford, Nashua, Peterborough, Salem

NEW JERSEY

Blairtown, Branchburg, Bridgewater, Carteret, Cedar Knolls, Clark, Columbia, Columbus, Cranbury, Delanco, East Brunswick, Eatontown, Elmwood Park, Fairfield, Flemington, Florham Park, Hackensack, Hawthorne, Hillside, Kenilworth, Lyndhurst, Marlboro, Montvale, Morris Plains, Mount Laurel, Oradell, Parsippany, Paterson, Piscataway, Princeton, Sanford, Somerset, Somerville, South Plainfield, Stockton, Trenton, Troy Hills, Wayne

NEW MEXICO

Albuquerque, Los Alamos, Santa Fe



NEW YORK

Brooklyn, Buffalo, Clinton, Cutchogue, Depew, East Syracuse, Grand Island, Great Neck, Green Island, Jamaica, Lansing, Lockport, Melville, New York, Orangeburg, Plainview, Rochester, Sanborn, Scottsville, Syracuse, Tonawanda

NORTH CAROLINA

Asheville, Belmont, Cary, Charlotte, Greensboro, High Point, Leland, Lexington, Matthews, Sanford, Wendell

OHIO

Archbold, Chagrin Falls, Chesterland, Cincinnati, Cleveland, Columbus, Dayton, Hudson, Mason, Milford, Perrysburg, Plain City, Reynoldsburg, Twinsburg, Upper Arlington, Westerville, Wooster

OKLAHOMA

Pryor, Tulsa

OREGON

Beaverton, Grants Pass, Hillsboro, Newberg, Portland

PENNSYLVANIA

Allentown, Bala Cynwyd, Bensalem, Bethlehem, Breinigsville, Canonsburg, Carnegie, Downingtown, Erie, Export, Exton, Hatfield, Huntingdon Valley, Ivyland, Jefferson Hills, Kennesaw, King of Prussia, Langhorne, Mercer, Moon Township, Nazareth, Philadelphia, Pipersville, Pittsburgh, Plumsteadville, Pottstown, Radnor, Reading, Saxonburg, Souderton, Trafford, York

RHODE ISLAND

East Providence, Newport, North Kingstown

SOUTH CAROLINA

Aiken, Beaufort, Columbia, Wando

SOUTH DAKOTA

North Sioux City

TENNESSEE

Chattanooga, Cincinnati, Cleveland, Clinton, Franklin, Greeneville, Jefferson City, Kingsport, Kingston, Knoxville, Kodak, Lancing, Lenoir City, Loudon, Louisville, Maryville, Matthews, Memphis, Morristown, Mosheim, Oak Ridge, Portage, Powell, Rockford, Signal Mountain, Vonore, Wartburg

TEXAS

Austin, Belton, Bryan, Coppell, Denton, Fort Worth, Galveston, Groves, Herndon, Houston, Humble, Lewisville, Mansfield, Navasota, New Braunfels, Plano, Roanoke, Round Rock, San Antonio, Sugar Land

UTAH

Bluffdale, Ogden, Orem, Salt Lake City

VERMONT

Colchester, Irasburg, Newport

VIRGINIA

Alexandria, Arlington, Ashburn, Chantilly, Charlottesville, Chesapeake, Glen Allen, Harrisonburg, Herndon, Lynchburg, McLean, Newport News, Reston, Roanoke, Springfield, Virginia Beach, Warrenton, Williamsburg

WASHINGTON

Bellevue, Gig Harbor, Kirkland, Lacey, Lakewood, Pullman, Renton, Richland, SeaTac, Seattle, Sequim, Woodinville

WISCONSIN

Brookfield, Cedarburg, Fredonia, Germantown, Janesville, Madison, Milwaukee, New Berlin, Oak Creek

WYOMING

Cheyenne

ORNL 2025-G00532/1a2

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