

Locweld  
Quality Lattice  
Structures

**LOCWELD**75

# Our Company at a Glance

Locweld is renowned for personalized customer experience, ease of assembly, and on-time delivery. We work closely with our clients to ensure we deliver the right solution every time.

**25,000 T**

Manufacturing capacity

**220,000 sf**

Plant size

**100,000+**

Towers manufactured

**175+**

Employees

## Capacity & Equipment

Locweld is the largest lattice tower manufacturing facility in North America and is equipped with state-of-the-art machinery to handle projects of any scale.

### Output

- 25 000 tons of fabricated steel annually

### Crane Bridges

- Overhead cranes with a lifting capacity of 60 tons

### Our equipment is capable of processing:

- Angles up to 12" x 12" x 1.5" and 60' long
- Beams up to 40" wide x 60' long
- Plates up to 5" thick x 10' wide x 55' long

### Additionally, we have:

- 6 various sized angle punch lines
- 1 angle drill line
- 1 angle/beam drill line
- 3 various size and capacity CNC plate processing centers which include punching, drilling, gas cutting, HD plasma cutting, etc.
- Robotic HD plasma processing center
- Robotic welding centers
- Multiple bending machines, including 1000 ton 35' press brake

# Our Product Offering

## Lattice towers that you can rely on

LOCWELD, a leader in the industry since 1947, has been traditionally involved in the design and fabrication of electrical transmission towers and substation structures. We are proud of our long-standing relationships with major utilities and EPC firms throughout the USA and Canada.



### Lattice Structures

Lattice Towers are the mainstay of our business and each one is fabricated with precision to meet the requirements of your project.



### Steel Poles

We've made a name for ourselves custom fabricating steel poles to meet unique design challenges.



### Substation Structures

With our experience and expertise fabricating both lattice and tubular structures, Locweld is perfectly suited for substations of any scale.



### Material and Logistics

Steel is sourced from reputable mills in the USA and Canada (Gerdau, Nucor).

Hold Point: Material Inspection is done pre- and post-galvanizing, prior to shipping.

Bolts are sourced in North America (Infasco).

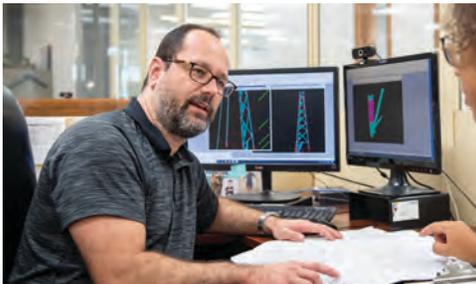
Technical support is provided by Locweld through to project completion.

Blue Rush: Any missing or damaged pieces are put into production within 24 hours

# Engineering Services

## Client Focused From Start to Finish

Locweld's in-house engineering team is here for our customers. We provide technical support throughout the project. From start to finish, a client-focused approach means we offer solutions to design problems, and frequently propose design alternatives that can save our clients money and time on site.



## Structural Design

LOCWELD has over 70 years of design experience, specializing in lattice transmission towers (up to 765kV), substation structures, and tubular poles. LOCWELD engineers are widely recognized as experts in design within the transmission industry and are active members of the ASCE Design of Steel Transmission Towers Standards Committee, which develops the North American industry standards for the design, fabrication, and testing of members and connections for latticed steel electrical transmission structures.

## Detailing

LOCWELD employs a team of dedicated and experienced detailers who specialize in tower detailing. In the market of transmission tower design, the knowledge and expertise of the support staff is of utmost importance. We use modern and proven computer software (PLS-CADD, PLS-Tower, PLS-Pole, and advance finite element analysis software) and the latest in fabrication technology.

## Certifications

Our certifications are a testament to Locweld's commitment to quality fabrication and health and safety.

# Our Portfolio

## Lattice is our core business

Having fabricated over 100 000 lattice towers since 1947, Locweld has supplied the equivalent of 20 000 miles of transmission line throughout the United States and Canada.



### Jackson's Ferry Project

Client: American Electric Power

Start/End Date: 2004 – 2006

Category: Lattice Structures



### NECEC – Chaudières-Appalaches line

Client: Hydro-Québec

Start/End Date: 2021 – 2022

Category: Lattice Structures

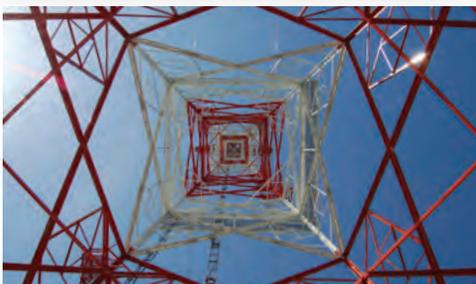


### Hertel Project

Client: Hydro-Québec

Start/End Date: 2002 – 2003

Category: Lattice Structures



### Tacoma Narrows River Crossing Project

Client: Shaw Energy

Start/End Date: 2007

Category: Lattice Structures



### North-Central Reliability – West Orange

Client: TRC

Start/End Date: 2013

Category: Substation Structures



### Fanwood Substation

Client: PSE&G

Start/End Date: 2013

Category: Substation Structures

# Have an amazing project in mind?



Our facility is located just 35 minutes from the U.S. border. Locweld ships steel across North America.

## Contact Us

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