

***Making a Difference  
Through Performance***



**Electric Company, Inc.**

## Paper & Fiber

The Paper and Fiber industry has represented a large portion of our business year after year. Most of our customers have multiple locations across the country, and we have successfully completed projects in many of these locations. Some of the projects include complete paper machine installations and rebuilds, stock prep and coater kitchens, waste water and water treatment plants, de-inking plants, pulp mills, board mills, hydro electric and co-generation plants. Our contracts run the gamut from multiple year maintenance contracts to stand alone GMP contracts worth several millions of dollars. The experience we bring, in Engineering, Electrical and Instrumentation (electrical and pneumatic tubing), make us uniquely qualified to service all your Pulp and Fiber needs.

### Customers

Kimberly-Clark

Procter and Gamble

Georgia Pacific

Neenah Paper

Louisiana Pacific

New Page

Cascade Tissue

Stora Enso

Wausau Paper

Domtar

### Services

- Substations
- Medium and low voltage power system design and installation
- Control and instrumentation
- PLC programming
- Pneumatic tubing
- Control panels
- Interior and exterior lighting
- Grounding
- Heat tracing
- Fire alarm systems
- Security systems
- Phone equipment
- Teledata systems
- Drive line-ups
- Thermal imaging
- Motor brush inspection
- Arc flash evaluations



## Ethanol & Biofuels

Van Ert Electric is proud to be on the ground floor of the ethanol business. Our Design/Build capabilities have been a tremendous asset in this industry. For our efforts on a 50 mg plant, we were awarded the prestigious Build Wisconsin Award for Electrical Design and Installation. As with most plants, we were contracted to engineer, procure and construct (EPC) the entire facility electrically. Typically, Biofuel plants are located in rural settings and it's not uncommon

for a small local utility to struggle with the power these plants consume. We work directly with the owner and the utility to ensure a power grid that is cost effective yet robust enough to handle the demands of the plant. The utility is assured that the system we install will not harm their system when large single loads are applied. We have a dedicated team ready to help you from conception to completion for all your electrical needs.

### Services

- Substations
- Medium and low voltage power system design and installation
- Control and instrumentation
- PLC programming
- Interior and exterior lighting
- Grounding
- Heat tracing
- Fire alarm systems
- Security systems
- Phone equipment
- Teledata systems
- Thermal imaging
- Motor brush inspection
- Arc flash evaluations

Customer	Project
Utica Ethanol	20 million gallon plant
Pine Lake Ethanol	20 million gallon plant
Utica Ethanol	20 million gallon expansion
United Ethanol	40 million gallon plant
Didion Ethanol	40 million gallon plant
Green Plains Renewable Energy	50 million gallon plant
Plymouth Energy	50 million gallon plant



## Power Generation

Van Ert Electric has been working in the power generation industry for over a quarter century. Our teams have extensive experience in gas turbine and coal fired power plant construction, nuclear plant maintenance, DCS and instrumentation upgrades, coal conversions and handling systems, environmental upgrades (precipitators, bag houses, scrubbers) and other ancillary system installations. Our senior project

managers and superintendents bring years of successful power plant experience, pre-construction and constructibility analysis, and construction expertise to every project we undertake. Van Ert Electric brings proven site management systems and programs to your project including QA/QC, safety, document control, project resource scheduling, equipment and material procurement, installation tracking, testing, start up and commissioning.



### Major Projects

**General Electric Company, Inland Empire Energy Center, Romoland, CA** - 800 megawatt combined cycle gas turbine plant utilizing the first two GE 7H combustion turbine units.

**Calpine Corporation, Fox Energy Center, Kaukauna, WI** - 600 megawatt combined cycle gas turbine plant utilizing two GE 7FB combustion turbine units and a Toshiba steam turbine.

**Wisconsin Public Service Corporation, Combined Locks Energy Center, Combined Locks, WI** - 80 megawatt co-generation facility utilizing a GE LM6000 combustion turbine unit.

**Wisconsin Public Service Corporation, Weston Power Plant, Weston, WI** - Addition of a 500 megawatt Weston 4 coal fired unit.

**Manitowoc Public Service, Manitowoc, WI** - Addition of a 55 megawatt # 9 coal fired unit.

### Services

- Transformer assembly, flushing, filling, testing
- Isophase and non-seg bus installation
- Substation erection
- Medium and low voltage power system design and installation
- Control and instrumentation
- PLC programming
- Pneumatic tubing
- Control panels
- Interior and exterior lighting
- Grounding
- Heat tracing
- Fire alarm systems
- Security systems
- Phone equipment
- Teledata systems
- Thermal imaging
- Motor brush inspection
- Arc flash inspection



## Commercial & Institutional

Van Ert Electric offers a single source solution for all your commercial electrical needs. From the high voltage distribution equipment needed in large institutional projects to the specialized low voltage voice/data/video systems required by many of our customers, we can meet your needs.

We specialize in the Design/Build project delivery system which reduces the overall construction duration and helps our customers begin production and occupy space in the shortest time possible. Team coordination and

information exchange are critical to the success of this method. The result reflects well-coordinated technical, construction and management expertise with the additional benefit of commencing construction before design documents are complete. Consideration of constructibility issues, value engineering and alternative layouts minimizes schedule delays. Our in-house engineers, designers and technicians work from an existing set of criteria or develop criteria to deliver the highest quality installations on time and within budget.

### Services

- Lighting automation
- Fire alarm systems
- Security/Access systems
- Video surveillance systems
- Computer network systems
- Phone/Voicemail systems
- Paging/Intercom systems
- Sound masking systems
- Theatrical lighting and sound systems
- Thermal imaging
- Arc flash evaluation

### Major Projects

**American Express, Call Center, Green Bay, WI** - 150,000 square foot, two story office campus with data center, restaurant style cafeteria and health center.

**Appleton Alliance Church, Appleton, WI** - 75,000 square foot school and church facility.

**Dudley Tower, Wausau, WI** - 164,000 square foot, 11 story multi-tenant professional office building.

**The Lodge at Cedar Creek, Rothschild, WI** - 150 room resort hotel, conference center and water park.

**Wausau Window and Wall Systems, Wausau, WI** - 75,000 square foot office building and a 300,000 square foot manufacturing facility.



## Healthcare

For over 40 years, Van Ert Electric has been the choice of countless healthcare providers for their electrical work. Van Ert's knowledgeable crews provide design, new construction, remodeling, maintenance and service. We have provided electrical and system needs to numerous hospitals, clinics and labs

including emergency and critical power systems, standby generation, MRI units, Cath Lab installations, CT scanners, X-ray machines, linear accelerator units, hyperbaric chambers, nurse call systems, infant abduction systems and voice/data systems.



### Major Projects

**Aurora Baycare Medical Center, Green Bay, WI** - four story tower expansion and interior remodeling.

**Aurora Baycare Health Center, Green Bay, WI** - 75,000 square foot, two story clinic and eye care center.

**Aurora Baycare Orthopedic & Sports Medicine Center, Green Bay, WI** - 74,650 square foot, two story facility with swim therapy pool, X-ray, MRI unit and conference area.

**Iron County Community Hospital, Iron River, WI** - Emergency Department, Oncology, Inpatient Unit and Dietary additions and remodel.

**St. Vincent Hospital, Green Bay, WI** - P2000 four story addition with ambulance garage, emergency rooms, Oncology department and interior remodel.

**Aspirus Hospital, Wausau, WI** - 109,000 square foot Ambulatory Care Addition and Remodeling Project. Four surgical suites, three cath labs and 22 ACU rooms.

### Services

- Lighting automation
- Fire alarm systems
- Security/Access systems
- Video surveillance systems
- Computer network systems
- Phone/Voicemail systems
- Paging/Intercom systems
- Nurse call systems
- Thermal imaging
- Arc flash evaluation

## Food & Plastics

Van Ert has a long history in the Plastics / Flexible Packaging and Food Processing / Container Industry. Our commitment to plant Safety, GMP and providing a trained and experienced work force allows Van Ert to complete

the most difficult projects. Some of our experience includes blown extrusion, coating, laminating, printing, cheese and dairy production, resin handling systems, process control and automation.



### Services

- Project budgeting
- Machine controls
- Facility maintenance
- Fire alarm install and service
- Project planning / scheduling
- Power distribution
- Food safety work practices
- AIB audit compliant
- Thermal imaging
- Motor brush inspection
- Arc flash evaluation

### Customers

**Milprint** - Oshkosh, New London and Appleton, WI

**Graphic Packaging** - Wausau, WI

**Bemis Tape** - Oshkosh, New London and Appleton, WI

**Alcan Packaging** - Menasha, WI

**Curwood** - Oshkosh, New London and Appleton, WI

**Kraft Foods** - Beaver Dam, Wausau, and Medford, WI

**Hi Tech Plastics** - Kaukauna, WI

**Perfic Seal** - Oshkosh, New London and Appleton, WI

**Silgan Containers** - Menomonie, Oconomowoc, Fort Dodge and Fort Madison, WI

**Churny Cheese** - Waupaca, WI

**Winona Foods** - Green Bay, WI



## Engineering

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Van Ert Electric has been providing Engineered Systems to our valued customers for over 30 years. We have made a mark in most industrial sectors including Pulp & Paper, Food, Manufacturing, Chemical, Power Generation, Water & Wastewater, Institutional, Commercial and Health Care. From initial design and consultation through custom programming, system development, control panel fabrication, commissioning and continued support after startup.



### Services

- Arc flash evaluations
- AutoCAD services circuit
- Coordination studies
- Control panel design and construction
- Fault current studies
- Grounding testing
- Instrument calibration
- Lighting design
- Loop checkout and startup
- MCC/Power distribution design
- Motion control and drives
- PLC and HMI programming
- Power monitoring and testing
- Substation design
- MV distribution design
- Arc flash evaluations

### Customers

Appleton Coated Papers	Land O Lakes - Denmark
Cascades Tissue Group	Lignotech
Cellu Tissue	Louisiana-Pacific
Churny Cheese	Marathon Cheese
City of Mosinee	Marshfield Door
City of Wausau	Mosinee Papers
Domtar-Nekoosa	Neenah Paper
Domtar-Rothschild	Oshkosh Truck
Fox Valley Technical College	Packaging Corporation of America
Graphic Packaging	Silgan Containers
Heart of the Valley MSD	Village of Winneconne
J.J. Keller	Wausau Paper
Kimberly-Clark	Weyerhaeuser
Kraft, Inc.	Wisconsin Public Service



## Safety

Van Ert works very diligently to ensure the safety of our employees, project owners and employees of our subcontractors. We make no compromises when it comes to safety. Van Ert exceeds the OSHA requirements and requires regular drug/alcohol screening to ensure the safety of our job sites and minimize the risk for our customers.

Van Ert's management has always supported additional safety programs, but also embraces new methods and continuous training. One example of Van Ert's commitment is through current partnerships with OSHA in California, as well as throughout Wisconsin.

We have a great safety track record in the area. All employees are trained in

the latest techniques, methods and in the use of personal protection equipment. We enhance their education through the commitment and accountability of managers, project managers and field supervisors. We develop a safety plan, complete with daily pre-task assessment planning, and we know what to expect each day to eliminate any potential problems.

We are viewed as a leader in the electrical contractor field throughout the nation. Many of the general contractors and owners that work with Van Ert utilize us for our quality of work, long term reputation and overall safety culture.

### Framework

- Alcohol and substance abuse program
- Safety orientation and site training
- Management commitment
- Arc flash training
- State of the art personal protection equipment
- Lift training
- Fire watch training
- Confined space training
- OSHA partnerships
- Fall protection training
- Lockout tagout procedure
- First aid and CPR training





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## **Van Ert Electric**

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