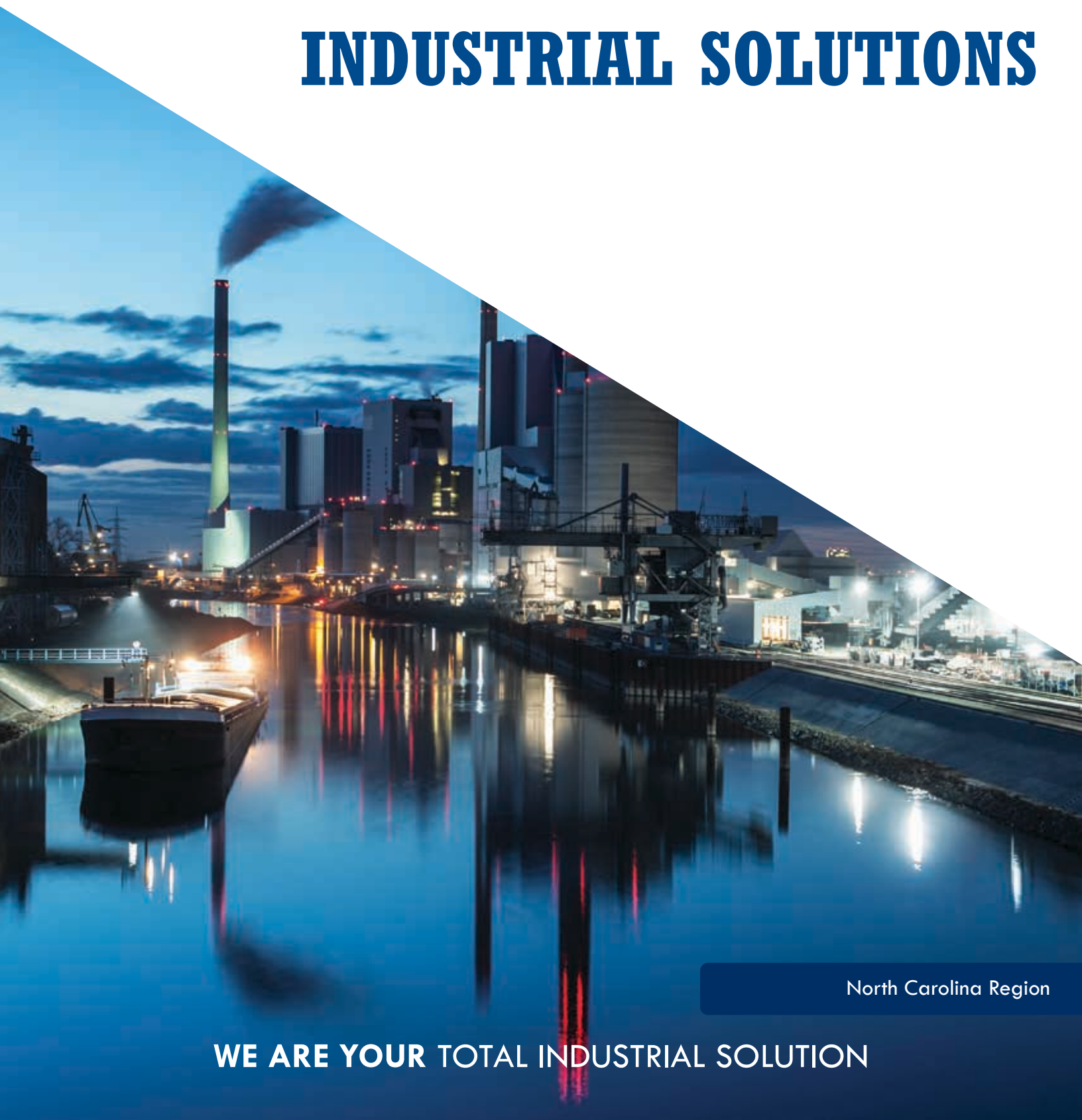




**STATE ELECTRIC
SUPPLY CO.**
CUSTOMER FOCUSED, QUALITY DRIVEN

INDUSTRIAL SOLUTIONS



North Carolina Region

WE ARE YOUR TOTAL INDUSTRIAL SOLUTION

We are the source for your entire product needs to maintain and modernize production processes, facilities and equipment providing your *Total Industrial Solution*.

Industrial Solutions

PRODUCTS



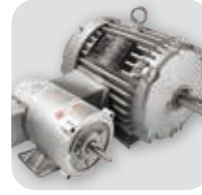
PLC Control Systems



Drives



Instrumentation



Motors



Electrical

APPLICATIONS



System Integrators



Panel Building



OEM



MRO



End Users

PRODUCT LINES

3M

Arlington Industries

Austin Electrical Enclosures

Baldor A Member of the ABB Group

Belden

Block

Brady

Burdny

Cerrowire

Charlotte Wire & Cable

CME Wire & Cable

CREE

Dwyer

Eaton

Eaton B-Line

Eaton Bussman

Eaton Crouse Hinds

Eaton Lighting

Eaton Wiring Devices

Eiko

Festo

Finder

Fluke

GE

Greenlee

Hammond Power Solutions

Holophane

Hubbell Killark

Hubbell Lighting

Hubbell Power Systems

Hubbell Raco

Hubbell Wiring Device-Kellems

IDEAL Industries

Intermatic

Klein Tools

Lapp Group

Legrand

Leeson

Lithonia Lighting

Lutron

Lutze Cable

Milwaukee

OCC

Okonite

O-Z/Gedney

Panduit

Pepperl+Fuchs

RAB Lighting

Rittal

Service Wire Co.

Schmersal

Siemens

Sprecher + Schuh

TCI

Thomas & Betts A Member of the ABB

Group

Toshiba

Universal Lighting Technologies

Weidmüller

Wiha Tools

Authorized
Distributor

SIEMENS

*All lines listed may not be available at all locations.
Lines are subject to change and additional lines may be available.*

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Training

We offer 6 CEU approved classes for North Carolina Electrical Licensing. These classes are usually conducted in our training facilities, but can be given on site if desired. The North Carolina Contractor certified educational courses are listed below.

Arc Flash Awareness

(8) CEU Credits

Agenda

Article 110: Safety Manual

Article 120: Lock Out Tag Out

Article 130: Working on or near Electrical Hazards

Understanding Known Electrical Hazards

Limited Approach Boundary

Restricted Boundary

Arc Flash Boundary

PPE Class Requirements

Hazardous Risk Assessment

Basic Controls

(6) CEU Credits

Agenda

Reading Drawings, One-Line and Schematics

Basic AC and DC Circuits

Explanation of DI, DO, AI, AO, RO, Pulse Related to Control Devices

Understanding Relays

In-Depth Look at Motor Starters, Applications and Sizing OL Units

In-Depth Look into Properly Sizing IEC Contactors

Basics of Solide State Relays

Limit Switch Wiring, Mounting, Types and Application

Proximity Switches (Indusction and Capacitance) Wiring, Types and Applications

Photo Switches Wiring, Mounting, Types and Applications

Binary Numbers

Basic Process Control, Control Loop, Transducer, Transmitter and Control Drawing

Eaton HMAX Certified Start-Up

This class is for electricians, technicians, HVAC technicians and others who desire to be certified to perform Eaton HMAX CSU to receive a 3 year warranty on the VFD.

Basic VFD

(6) CEU Credits

Agenda

VFD Proper Installation

VFD Power Structure

VFD Rectifier

VFD DC Buss

VFD Inverter

VFD Control

VFD Applications

VFD Energy Saving Topics

VFD Troubleshooting

VFD Safety Issues

VFD Issues: Harmonics, Reflective Wave, Common Mode Current, Motor Bearings

VFD Line Reactors, Filters, Cable, Sine Filters

Basic Motor Operational Topics

VFD Programming

(6) CEU Credits

Agenda

VFD Configuration

VFD Parameter Layout

VFD Wizards

VFD Marco's

VFD Control Modes

VFD Control Wiring to Programming Relationships

Various Application Programming

Specific Applications on Request

PLC 100

(6) CEU Credits

Agenda

PLC Theory

PLC Layout

PLC Wiring

PLC Basic Programming

PLC Troubleshooting

PLC Program Documentation

**Class CEU credits are approved for NC Electrical renewal if the class is registered*

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Industrial Solution Technical Specialists

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Chad Johnson

Salisbury, NC
704.633.9131

Marty Royal

Winston-Salem, NC
336.723.9656

Robert Reis

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