

## COGENERATION, DISTRIBUTION & SUBSTATION PROJECT

**Client:**  
Rock Valley  
Community College

**Project Location:**  
Rockford, IL

**Capacity:**  
3 MW

**Approximate  
Installed Project  
Value: \$3,000,000**



*PCI provided detailed engineering, design, equipment procurement, construction and the commissioning for a new 3 MW cogeneration system including a 12.46/480kV substation and interconnect with the local utility.*

### The scope of work included:

- Prepared all design and construction drawings
- Prepared equipment specifications and selection of all equipment
- Construction services including civil, mechanical and electrical
- Developed specifications for new electrical switchgear
- Coordinated interconnect services with local utility
- Prepared single-line diagrams and other related electrical design and construction drawings
- Developed relay protection and metering system design
- Provided onsite construction management and commissioning services

