

# ARTHUR ENGINEERING, INC.



## Data Center Projects

*Consulting Electrical  
and Control Systems  
Engineers*



*Arthur Engineering, Inc. (AEI) has over 25 years of experience providing electrical and control systems design for co-location type Data Centers. We have designed medium voltage service and power distribution as well as modular 480V distribution and generator backup systems. We work with the Owner closely on their selection of UPS and PDU systems and design the power distribution system around that. Some of the services we can offer at your Data Center facility include:*

- Main service design and utility coordination
- Medium and low voltage power distribution systems design
- Power metering and monitoring systems design
- Cooling system power distribution design
- Energy-efficient lighting design and Title 24 Compliance
- Emergency egress lighting systems design
- Office and warehouse lighting and power distribution design
- Load flow, coordination, and short circuit studies
- Standby electrical power generation and transfer system design
- Future planning for electrical power distribution and generator systems
- Solar power supplementation and distributed generation interconnection design

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