



Albireo Energy

Albireo Energy is a national building automation, energy services, and electrical power monitoring system provider. Their solutions and services help building owners and managers improve efficiency and reduce operational costs while improving comfort for tenants. With access to industry-leading technologies from Schneider Electric, Johnson Controls, Delta Controls, and Distech, Albireo Energy provides superior services and solutions to data centers, healthcare, biosciences, government and commercial real estate. www.albireoenergy.com

Controls Design Engineer

Title: Controls Design Engineer

Location: Edison, NJ

Reporting Manager: Engineering Manager

Responsibilities:

A key member of the Albireo Energy team, the Controls Design Engineer will be responsible for:

- The design of building automation systems for large commercial office buildings, data centers, and pharmaceutical facilities.
- Participate in sales turnover meetings to receive project mechanical drawings, specifications, and details from the sales team.
- Apply the appropriate equipment and end devices to provide the most cost effective solution.
- Prepare a complete engineering package of all required network diagrams, point to point wiring diagrams, control panel layouts, flow diagrams, valve and damper schedules, bill of material, and equipment submittals for approval by the client engineering firm and delivery to the installation team.
- Provide technical support for the sales team, installation and commissioning team as well as technical support for the service division.
- Assist in the ordering of all required products and equipment.
- Visit sites as required for field engineering building automation retrofits and upgrades.

Qualifications:

- Three to five (3-5) year's experience and engineering degree (BSME or BSEE) from accredited college or university;
- Knowledge and understanding of industry HVAC applications, ability to read and understand MEP drawings and specifications.



- Understanding of flow dynamics to apply the appropriate measuring devices, control valve selection and sizing.
- Knowledge of industry standard communication protocols; Ethernet, Modbus, BacNet and Lon to provide system network diagrams and integration to 3rd party equipment and systems.
- Proficiency in Microsoft Office, AutoCAD and Visio required.
- Good verbal and written communication skills.

Key Accountabilities:

- Execution of Commissioning Documentation;
- Configure, install, troubleshoot and optimize controller and workstation software
- Point to Point automation troubleshooting and commissioning;
- Support field startup and commissioning efforts;
- Support sub-contractor installations;
- Performing scheduled customer maintenance and warranty work;
- Respond to and solve customer issues to completion.

Position Parameters:

- Based at the Albireo Energy offices in Edison, NJ

Interested candidates can send resumes to careers@albireoenergy.com with Controls Design Engineer in Subject line.