

# Job Description

## Senior Controls Engineer



Ageto has an opening for the right engineer to join our team of microgrid experts in Fort Collins, Colorado. This is an amazing opportunity to play a vital role in fulfilling our mission of accelerating the adoption of renewable energy. You will work as part of a growing team focused on delivering world-class microgrid control solutions, collaborating with colleagues and customers, developing software, deploying solutions, and providing exceptional customer support. This position requires travel throughout North America and the world.

### Responsibilities:

- Perform installation and commissioning of microgrid control systems
- Develop control interface to energy resources (including power meters, protective relays, generator controllers, PV inverters, energy storage inverters, battery management systems, wind turbines, weather stations, etc.)
- Develop, test, and deploy control algorithms
- Conduct system functionality testing, commissioning, troubleshooting, and reporting
- Perform onsite investigation and troubleshooting, create reports and fault analysis
- Create studies, reports, specifications, requirements, cost estimates, electrical drawings, one-line diagrams, and equipment layouts
- Advise colleagues on technical specifications, requirements, and considerations for project proposals
- Perform technical support for customers and colleagues
- Oversight and direction of third-party contractors

### Skills and Qualifications:

- 5+ years power generation experience (reciprocating engine and inverter based synchronizing, paralleling, and load-sharing, energy storage systems)
- Communications protocols (Modbus, DNP3, CAN 2.0A/B, J1939 CANbus)
- Programming languages (IEC 61131, Python, REST API)
- Programming experience (SCADA and PLC)
- Knowledge and understanding of electrical design codes (UL 508A, NEC, NEMA)
- Ability and desire to travel internationally, including remote locations in third-world countries

### Personality Traits:

- Ability to convey complex ideas and issues in a clear, concise, and understandable manner
- Outstanding analytical, organizational, and troubleshooting skills
- Attention to detail, passion for excellence, and commitment to customer success
- Self-motivated and self-directed
- Enthusiasm and eagerness to learn, teach, and improve
- Passion for renewable energy and electrification

### Requirements:

- Valid driver's license and passport
- Ability to travel internationally
- Ability to lift 50 lbs. safely
- Ability to use common hand tools safely
- Ability and knowledge to work safely around electrical equipment and controls at all voltage levels
- Ability to stand for extended periods of time, including at trade shows and customer sites
- Ability to communicate verbally to small or large audiences
- Ability to access a variety of customer facilities, including stairs and ladders

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#### Compensation:

- Starting salary range: \$75,000 - 95,000
- Commensurate with experience

#### Additional Information:

- All qualified applicants will receive consideration for employment without regard to their race, creed, color, ancestry, religion, sex, national origin, citizen status, age, sexual orientation, gender identity, disability, marital status, family medical leave status, or protected veterans status
- This position is offered to citizens or legal residents of the USA only

#### To Apply:

- Submit a resume and cover letter to [info@agetoenergy.com](mailto:info@agetoenergy.com)