



JOB DESCRIPTION

Position Title:	Plant Operator "A" Control Room Operator	Date:	6/30/2020
Department:	Operations	Facility:	Bridgeport
Reports to:	Operations Manager	Location:	Bridgeport, CT

Company Overview:

Bridgeport Energy LLC is a 560 MW combined-cycle natural gas-fired power plant located in Bridgeport, Connecticut. Operated by Cogentrix Energy, Bridgeport's premium location, access to lower cost gas via the Iroquois pipeline and robust local transmission infrastructure make it a key supplier of electrical energy in New England.

Accountabilities:

The "A" Operator is accountable for the safe operation, monitoring and recording of plant functions throughout the facility under the direction of the Shift Lead. This person will operate the plant equipment through the Distributed Control System (DCS). The "A" Operator takes action to ensure that the facility is operating safely and within all environmental and reliability compliance requirements. This key position will drive revenue goals by generating consistent, optimal megawatt output.

The "A" Operator is accountable to the Operations Manager and the Shift Lead, he/she operates within the context and prescribed limits established by Plant Management.

Responsibilities include, but are not limited to:

- Promote and provide a safe and healthy work environment for employees, contractors and visitors, including the adherence to and effective use of various personal protective equipment, programs, policies and procedures as developed and required by the company.
- Efficiently operate and maintain operating systems at the facility with minimal guidance or assistance based upon Original Equipment Manufacturer (OEM), plant procedures and operation data. Be proficient in utilizing the site data historian, PI Process Book, to assist in plant system troubleshooting and plant performance data gathering. Maintain proficiency on all job qualifications.
- Makes frequent rounds of plant equipment, accurately records and evaluates operating data. Performs equipment rotations.
- Performs all daily operator logs. Performs weekly and monthly equipment, safety inspections and completes all associated logs.
- Reads meters, gauges or automatic devices to record and analyze data such as temperature of equipment, vibration of equipment, hours of operations, pressure and fluid levels to verify operation conditions. Visually inspect and listen to equipment to detect malfunctions or need for repair, adjustment or lubrication.
- Identify, troubleshoot and communicate plant issues and keep Shift Lead and Management fully informed of unusual conditions, damaged equipment and current job processes as it relates to the operation. Proficiently utilize the site computerized Maintenance management system (CMMS) to communicate and document plant issues and/or unusual conditions. Provides detailed status of plant conditions and directives at all times including shift turnover. Use judgment to escalate emergent work to get immediate remedy
- Set Operational Priorities on all Maintenance related activities.
- Determine if the electrical outputs were maximized relative to the dispatch.

- Report abnormal or emergency plant conditions to Plant Management as soon as possible following the appropriate response of the plant upset and or emergency. Take necessary corrective action in accordance with established policies or at the direction of Plant Management.
- Operate and review all operational data, readings, log-sheets, water testing/analyses and take appropriate action to ensure equipment and systems are operating within expected ranges, conditions and overall optimization needed for meeting plant specifications and expectations.
- Effectively exercise three-way communication and give directives internally and to external entities (regulatory, transmission Owner/Operator, ISO-NE, emergency responders, Marketing Group). Follow directives from internal and external entities to the extent it is prudent to do so. Accurately maintains logbooks.
- Reviews and updates various operational procedures and documents as directed by management.
- Support inventory tracking and ordering of chemicals, gases, lubricants, etc., as needed for plant operations.
- Complies and adheres to all plant environmental permits, all regulatory procedures, and operating procedures.
- Responsible for effectively and accurately executing and/or working under and documenting all required safety and health permitting, including but not limited to Work Authorization, Lock Out/Tag Out, Hot Work and Confined Space Entry permits. Understands and complies with facility safety programs.
- Participates in and contributes to plant safety meetings and programs. Presents various safety training topics as assigned. Brings ideas for safety improvements forward. Documents all safety findings appropriately (near miss reporting, safety work orders, incident investigation participation, and safety improvement plan). Stops work and takes corrective action if an unsafe act is witnessed and escalates to management as appropriate. Enforces site safety rules and practices.
- Operates and isolates electrical components such as circuit breakers, disconnects, ground switches, fuses as required for proper system operation and electrical isolation.
- Performs preventative and corrective maintenance of plant equipment such as greasing, lubricating, filter change outs, vibration checking etc. Involved in repairing plant equipment and plant instrumentation.
- Perform general housekeeping and continuous improvement of the appearance of the facility including painting projects as required. Maintains the cleanliness of all areas of the plant and control room, or other duties as assigned. Participates in upkeep of plant grounds as required (e.g. snow removal, walkway salting, lawn maintenance, etc).
- Manage and control facility access through gate entrance as required. Receives site deliveries as required.
- Operates plant equipment as required (trucks, cranes, forklift, scissor and aerial lifts).
- Performs other duties as assigned.

Experience & Skills

- Five or more years of power plant or similar experience required.
- Three or more years of combined cycle experience.
- Formal training, e.g. Bachelor, Associate, or equivalent degree highly desirable.
- Siemens T3K DCS training and experience is highly desired.
- Possess strong communication and interpersonal skills and a demonstrated commitment to personal development.
- Intermediate computer skills with proficiency in Microsoft Office Suite with specific emphasis on Excel (including PI) and Word
- Self-starter with excellent organizational and analytical skills who is able to function effectively in a team environment.

Knowledge, Abilities, Qualifications & Physical Requirements

- The Operator "A" position requires shift work and typically a 12-hour rotating shift for the continuous operations of the facility.
- Willing to work overtime, be on call for emergencies, call-outs for shift coverage and work flexible work hours from time to time.
- Develop a good understanding of and ensure operational compliance with environmental and regulatory regulations, rules and requirements, along with response roles to incidents.

- Ability to ensure the overall facility is operationally sound and operated within OEM guidelines and good sound engineering practices.
- Must be self-motivated and able to work independently as well as a team member.
- Able to and for extended times, be capable of working outdoors and in inclement weather.
- Exposure/proximity to loud noise, hot pipes, high pressure steam and high voltages where electrical shock is a potential hazard.
- Work in areas that may require reaching, pulling, shoveling, bending, kneeling
- Worked on feet extended hours - stairs and ladder climbing
- Lift and carry up to 50 pounds.
- Climb vertical access ladders and stairwells.
- Speak and listen clearly.
- See and distinguish the various colors of the light spectrum.
- Able to and for extended times be capable of sitting, reading technical documents and looking at computer monitors.
- Must be able to wear a respirator and various required personal protective equipment eg: Hard hats, safety glasses, ear protection, safety shoes, protective clothing and respirators.
- Work in Confined Spaces
- A valid Driver's License is required.
- This position requires the candidate to complete and pass a post-offer physical examination and drug screening.
- Must be a U.S Citizen and/or legally entitled to work in the United States.
- Must be willing to travel for required company business
- Working in extreme temperature/climate conditions

Qualified candidates should send their resumes to Careers@cogentrix.com.