



**CENTRAL CONNECTICUT STATE UNIVERSITY**  
**Job Title: Power Plant Operator – Energy Center**  
**(2 vacancies)**

**[PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!](#)**

**Open To:** The Public  
**Location:** Central CT State University – New Britain, CT  
**Position #'s:** (1) 052587ka  
(2) 052857ka  
**Hours:** To Be Determined  
**Salary:** \$56,252 to \$72,323 (Salary Grade: FM 19)  
**Closing Date:** August 15, 2017

**This is a competitive Job Class. This Job Opening also serves as the examination and will be used for these vacancies within Central Connecticut State University. The established list of qualified candidates will remain in effect for up to one year from the closing date; however, candidates must apply separately for future vacancies in other agencies as specific Job Openings are announced.**

**The determination of those candidates who possess the GENERAL EXPERIENCE and SPECIAL EXPERIENCE listed below to qualify for this Job Opening is the examination.** When completing your application, please understand that you are applying for the examination as well as applying for the vacancy; please submit information with this in mind.

**Purpose of Class:** At Central Connecticut State University this class is accountable for independently performing a full range of duties in the cogeneration power plant.

**Examples of Duties:** Performs highly skilled duties to ensure safe operation of multiple power plant equipment for economic and efficient production of high pressure steam, electrical power and chilled water to meet energy needs; tours plant to observe operation of equipment and detect faulty or erratic operation of systems such as reciprocating engines, boilers, steam absorption chillers, electric chillers, pumping systems, large motors, cooling towers, medium voltage switch gear systems, urea and emission systems; uses visual and audio observation to monitor vendor and manufacturer calibrated settings in accordance with state and federal regulations; records performance indicators on log deficiency report; makes preventive maintenance repairs such as changing fan belts, valves, gauges, greasing of motors and minor plumbing; samples and performs a chemical test to eliminate hardness in water; cleans pumps; applies lock out tag out procedure when necessary; adds sand to tower water filters; replaces filters; compares logged deficiencies with distributed control system pre-set control points in control software in control room; makes adjustments to control system's set points for proper equipment performance; makes adjustments to maintain electrical production to a defined kilowatt measurement to minimize commercial power consumption; monitors control system for necessary production process control and performance; refers to defined ranges set by vendor and in accordance with state and federal regulations; detects faulty and erratic equipment operations through improper reads on display screens and responds to equipment site to diagnose and repair equipment problem; contacts supervisor and or outside vendor to repair as appropriate or to follow power outage procedures; prepares reports as required; monitors energy management system for building environmental controls, records critical data and contacts appropriate trade worker for repairs; takes general maintenance phone calls and directs calls to appropriate trade worker and completes work orders if necessary; performs related duties as required.

**Minimum Qualifications Required Knowledge, Skill and Ability:** Knowledge of theory and application of high pressure boilers, heat recovery steam generators, reciprocating engines and auxiliary systems; knowledge of industrial instrumentation and control systems; interpersonal skills; oral and written communication skills; ability to read and interpret piping and instrument diagrams, electrical one-line, schematic and logic diagrams; ability to apply some principles of physics, chemistry, thermodynamics, heat transfer, fluid flow and combustion; ability to utilize computer software.

**General Experience:** Three (3) years of experience in a cogeneration power plant or industrial setting including the operation, maintenance and repair of high pressure steam boilers, heat recovery steam generators or other mechanical equipment.

**Substitutions Allowed:**

1. Graduation from a vocational or technical school with a diploma in a related field may be substituted for two (2) years of the General Experience.
2. College training in mechanical engineering or a related field may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling one-half (1/2) year of experience to a maximum of three (3) years for a Bachelor's degree.

**Physical Requirements:** Incumbents in this class must have adequate physical strength, stamina, physical agility and visual and auditory acuity, and must maintain such physical fitness as to be able to perform the duties. A physical examination may be required.

**Working Conditions:** Incumbents in this class may be required to lift moderate to heavy weights, use protective equipment such as respirators and safety goggles and may be exposed to significant levels of noise, dust, heat and risk of injury from equipment and/or environmental conditions.

**Note:** The filling of this position will be in accordance with reemployment and SEBAC employment rules, if applicable.

**Application Instructions:** Interested and qualified candidates who meet the above requirements should submit the following to the below address:

- 1) Cover letter including **Recruitment Number C18-004** in this cover letter
- 2) a completed State Application for Employment [CT-HR-12](#)
- 3) the names, titles and phone numbers of two current professional references
- 4) State employees attach copies of your two most recent performance appraisals.

Department of Administrative Services  
Statewide Human Resources Management  
Job Posting No. 052587ka  
052857ka  
450 Columbus Boulevard – Suite 1502  
Hartford, CT 06103

**Secure Fax: 860-622-2910 (Preferred Method)**

If faxing materials, keep a copy of your completed application form and the fax transmittal receipt for your records. Make certain that your application form is complete and transmitted correctly and without error. Incomplete faxes or faxes received blank because pages were faxed upside down will not be accepted. Due to the large number of applications received, we cannot confirm receipt of applications.

**This examination is pass/fail. Notice of results will be mailed to you as soon as all applications have been reviewed.**

Applications will be accepted by U.S. Mail, email or fax. Late or incomplete applications will not be considered.

All candidates for employment at Central CT State University are subject to a pre-employment background investigation, including criminal background check, federal sanctions, and reference checks. Selection for employment is contingent upon satisfactory completion of the background investigation.

**AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER**

The State of Connecticut is an equal opportunity/affirmative action employer and strongly encourages the applications of all underrepresented groups, women, veterans, minorities, and persons with disabilities.

If you are requesting special accommodations under the provisions of the Americans with Disabilities Act (ADA) please contact Keith Anderson at 860-713-5059 or [keith.anderson@ct.gov](mailto:keith.anderson@ct.gov)