



## Occupations Needed: Energy

Below are the occupations for a power plant and the number of people graduating from a relevant program in Georgia

Energy Occupations	2009 Georgia Graduates of Related Program	Post-secondary Program	Georgia Work Ready Profile Level	Georgia Work Ready Certificate Holders at Occupation Level
General and operations managers	7,515	Operations management, business administration and management	Gold	33,620
Electrical engineers	613	Electrical and electronics engineering	Gold	33,620
Customer service representatives	1,020	Customer service support/call center/ teleservice operation	Gold	33,620
Meter readers, utilities	OJT		Bronze	46,868
First-line supervisors/managers of mechanics, installers and repairers	556	Operations management and supervision	Silver	95,102
Electrical and electronic repairers - powerhouse, substation and relay	55	Mechanic and repair technologies	Gold	33,620
Control and valve installers and repairers, except mechanical door	86	Mechanical engineering technology	-	
Electrical powerline installers and repairers	90	Lineworker	Silver	95,102
Power plant operators	613	Electrical and electronics engineering	Silver	95,102
OJT - On-the-job training      RWE - Relevant work experience      No Program - Program does not exist in Georgia, but does elsewhere				October 2010

**General and operations managers (O\*NET Code 11-1021.00):** Plan, direct or coordinate the operations of companies or public and private sector organizations. Duties and responsibilities include formulating policies, managing daily operations and planning the use of materials and human resources, but are too diverse and general in nature to be classified in any one functional area of management or administration, such as personnel, purchasing or administrative services. Includes owners and managers who head small business establishments whose duties are primarily managerial.

**Electrical engineers (O\*NET Code 17-2071.00):** Design, develop, test or supervise the manufacturing and installation of electrical equipment, components or systems for commercial, industrial, military or scientific use.

**Customer service representatives (O\*NET Code 43-4051.00):** Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints.

**First-line supervisors/managers of mechanics, installers and repairers (O\*NET Code 49-1011.00):** Supervise and coordinate the activities of mechanics, installers and repairers.

**Electrical engineers (O\*NET Code 17-2071.00):** Design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.

**Control and valve installers and repairers, except mechanical door (O\*NET Code 49-9012.00):** Install, repair and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors.

**Electrical power-line installers and repairers (O\*NET Code 49-9051.00):** Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers.

**Power plant operators (O\*NET Code 51-8013.00):** Control, operate or maintain machinery to generate electric power. Includes auxiliary equipment operators.

Source: EMSI, Governor's Office of Workforce Development, Technical College System of Georgia, University System of Georgia, October 2010