

## **Industry Spotlight**

## Electric Power Transmission, Control, and Distribution

#### Patrick & Henry Community College



Source: JobsEQ<sup>®</sup>, http://www.chmuraecon.com/jobseq Copyright © 2024 Chmura Economics & Analytics, All Rights Reserved.

#### **EMPLOYMENT**



21

Regional employment / 314,492 in the nation

### 3.3%

Avg Ann % Change Last 10 Years / +0.9% in the US

Region	
Nation	



WAGES

2024

\$76,928 Avg Wages per Worker / \$125,520 in the nation

4.7%

Avg Ann % Change Last 10 Years / +3.2% in the US

Region		
Nation		

#### TOP OCCUPATION GROUPS

Installation, Maintenance, and Repair 72.4%

Office and Administrative Support 11.2%

11.2%





5-Digit Industry	Empl	Avg Ann Wages	LQ	5yr History	Annual Demand	Forecast Ann Growth
Electric Power Transmission, Control, and Distribution	21	\$76,928	0.22		2	-0.8%

- Employment is one of the broadest and most timely measures of a region's economy. Fluctuations in the number of jobs shed light on the health of an industry. A growing employment base creates more opportunities for regional residents and helps a region grow its population.
- <sup>©</sup> Since wages and salaries generally compose the majority of a household's income, the annual average wages of a region affect its average household income, housing market, quality of life, and other socioeconomic indicators.



#### **Staffing Pattern**

Installation, Maintenance, and Repair **72.4%** 

Office and Administrative Support **11.2%** 

Architecture and Engineering **11.2%** 

Electrical Power-Line Installers and Repairers4\$93,8000First-Line Supervisors of Mechanics, Installers, and Repairers1\$117,3000Customer Service Representatives1\$51,3000Electrical Engineers1\$114,5000Electrical and Electronics Repairers, Powerhouse, Substation, and Relay1\$92,8000General and Operations Managers1\$156,2000Control and Valve Installers and Repairers, Except Mechanical Door1\$65,4000Total10101010	6-digit Occupation	Empl	Avg Ann Wages	Annual Demand
Repairers1\$117,3000Customer Service Representatives1\$51,3000Electrical Engineers1\$114,5000Electrical and Electronics Repairers, Powerhouse, Substation, and Relay1\$92,8000General and Operations Managers1\$156,2000Control and Valve Installers and Repairers, Except Mechanical Door\$65,4000	Electrical Power-Line Installers and Repairers	4	\$93,800	0
Electrical Engineers1\$114,5000Electrical and Electronics Repairers, Powerhouse, Substation, and Relay1\$92,8000General and Operations Managers1\$156,2000Control and Valve Installers and Repairers, Except Mechanical Door1\$65,4000		1	\$117,300	0
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay1\$92,8000General and Operations Managers1\$156,2000Control and Valve Installers and Repairers, Except Mechanical Door1\$65,4000	Customer Service Representatives	1	\$51,300	0
Substation, and Relay1\$92,8000General and Operations Managers1\$156,2000Control and Valve Installers and Repairers, Except Mechanical Door1\$65,4000	Electrical Engineers	1	\$114,500	0
Control and Valve Installers and Repairers, Except1\$65,4000Mechanical Door		1	\$92,800	0
Mechanical Door 1 \$65,400 0	General and Operations Managers	1	\$156,200	0
Total 10		1	\$65,400	0
	Total	10		

<sup>Q</sup> The mix of occupations points to the ability of a region to support an industry and its flexibility to adapt to future demand. Industry wages are a component of the cost of labor for regional employers.



#### **Geographic Distribution**

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	Region	Empl	Region	Empl
Ma	rtinsville City, Virginia	17	Henry County, Virginia	3
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Source: JobsEQ®

<sup>©</sup> The geographic distribution of industry employment by place of work illustrates the impact on labor force demand and commuting patterns.



#### Sector Strategy Pathways

Receptionists and Information Clerks	
Tellers	Customer Service Representatives
Telemarketers	
Hotel, Motel, and Resort Desk Clerks	
Insurance Claims and Policy Processing Clerks	
First-Line Supervisors of Production and Operating Workers	First-Line Supervisors of Mechanics, Installers, and Repairers
First-Line Supervisors of Construction Trades and Extraction Workers	
Plumbers, Pipefitters, and Steamfitters	
Firefighters	Electrical Power-Line Installers and Repairers
Water and Wastewater Treatment Plant and System Operators	
Water and Wastewater Treatment Plant and System Operators Tree Trimmers and Pruners	

<sup>©</sup> The graphics on this page illustrate relationships and potential movement (from left to right) between occupations that share similar skill sets. Developing career pathways as a strategy promotes industry employment growth and workforce engagement.



# Postsecondary Programs Linked to Electric Power Transmission, Control, and Distribution

Program	Awards
Patrick & Henry Community College	
Electrical, Electronic, and Communications Engineering Technology/ Technician	14

Source: JobsEQ®

- <sup>()</sup> The number of graduates from postsecondary programs in the region identifies the pipeline of future workers as well as the training capacity to support industry demand.
- Among postsecondary programs at schools located in the Patrick & Henry Community College, the sampling above identifies those most linked to occupations relevant to Electric Power Transmission, Control, and Distribution. For a complete list see JobsEQ®, <u>http://www.chmuraecon.com/jobseq</u>

