

Electrical Power-Line Installers and Repairers (49-9051)

Occupation description: Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers. Excludes Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	366	380	3.8	9	20	30
United States	120,900	137,700	13.9	3,300	6,800	11,780

Job outlook

Alaska: Alaska's employment growth is low with moderate employment opportunities. [Read more.](#)

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	34.60	18.66	25.74	34.86	43.69	49.76
Alaska	44.15	28.59	38.76	45.36	53.06	59.02
Anchorage/Mat-Su Area	44.32	27.56	37.73	45.93	54.28	59.29
Balance of State	43.19	30.38	39.23	44.24	48.98	56.95

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
438	36	8.2	41.9	34.4

2016 Potential Supply

Qualified but working in another occupation	61
Currently employed in a lower paid occupation	39
UI claimants previously working in occupation	102

2016 ALEXsys Employment Data

Number of registrants	66
Number of job position postings	11
Ratio of registrants to job position postings	6.0

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Long-term on-the-job training

Training Resources

	Degree
Alaska Joint Electrical Apprenticeship and Training Trust (Anchorage)	
Outside Power Lineman	Certificate
	Degree
American Health and Safety, LLC (Fairbanks)	
Aerial and Scissor Lift Training	
	Degree
Beacon Occupational Health and Safety Services (Anchorage)	
Fall Protection (NSTC and OSHA Offered)	
	Degree
Environmental Management Inc (Anchorage)	
Trenching, Excavating & Shoring	Certificate
	Degree
Northern Industrial Training (Palmer)	
Aerial Lift/008	
Fall Protection Authorized User	
Fall Protection Competent Person / 015	
Fall Protection Introduction to Industrial Rescue/014	
Fall Protection, Introduction to Industrial Rescue/014	
OSHA Aerial Platform - Manlift in Alaska	
	Degree
Satori Group Inc (Anchorage)	
Fall Protection	
Trenching and Excavation Competent Person Training	Certificate
	Degree
University of Alaska Fairbanks, CTC (Fairbanks)	
Power Generation	CT2

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