**ELECTRICAL CONTRACTORS / INSTALLERS**

Electrical Contractors assemble plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes; connect wires to circuit breakers, transformers, or other components; and test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.

<table>
<thead>
<tr>
<th>Entry-Level Wage</th>
<th>Mid-Level Wage</th>
<th>High-Level Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>$17.26</td>
<td>$26.67</td>
<td>$42.89</td>
</tr>
</tbody>
</table>

**Knowledge**

- Building and Construction
- Mechanical
- Mathematics
- Design
- English Language

**Skills**

- Troubleshooting
- Repairing
- Active Listening
- Critical Thinking
- Judgment and Decision Making

**Common Certifications**

- Journeyman Electrician License
- Master Electrician License
- OSHA 10 Hour

**Required Level of Experience**

- No formal work experience in comparable positions required: 1%
- Up to 12 months in a comparable position: 5%
- One to three years in a comparable position: 31%
- More than three years in a comparable position: 31%
- More than five years in a comparable position: 22%

**Required Level of Education**

- High school diploma or less: 0%
- Certification (Specify): 8%
- Associate degree: 11%
- Bachelor’s degree: 39%
- Master’s degree or higher: 42%

**Healthcare Benefits**

- 58% Full Benefits
- 18% Partial Benefits
- 24% No Benefits

**Retirement Benefits**

- 64% With Benefits
- 36% No Benefits

**Paid Vacation**

- 76% With Benefits
- 24% No Benefits
**Typical Method of Promotion**

- Promote from within: 59%
- Recruit from outside the organization: 33%
- Both, promote from within and recruit from outside the organization: 8%

**Career Satisfaction**

- Very satisfied: 58%
- Somewhat satisfied: 31%
- Indifferent: 9%
- Somewhat unsatisfied: 2%
- Very unsatisfied: 0%

**County** | **Annual Openings**
--- | ---
Barnstable | 19
Berkshire | 18
Bristol | 56
Dukes | 3
Essex | 69
Franklin | 4
Hampden | 48
Hampshire | 9
Middlesex | 280
Nantucket | 4
Norfolk | 126
Plymouth | 86
Suffolk | 79
Worcester | 101