



**Intern**

**POST: External**

**DIVISION:** Strategic Planning & Development

**DEPARTMENT:** Project Engineering Dept.

**MAXIMUM # OF OPENINGS:**

**JOB TITLE:** Electrical Engineer Intern

**RATE:** \$17.00/hour, 40 hours/week

**GENERAL SUMMARY OF DUTIES:**

To use principles of electricity to gain experience by being mentored one-on-one. Will also assist staff on various projects. Develop processes by design and prepare reports by collecting, analyzing, and summarizing information trends.

**ESSENTIAL FUNCTIONS:**

- Currently enrolled in junior or senior level electrical engineering coursework with emphasis on Power Engineering
- Successfully completed sophomore level of electrical engineering coursework
- Completes projects by mentorship, training and guiding technicians
- Evaluates electrical systems, products, components, and applications by designing and conducting research and applying knowledge of electricity and materials
- Performs other departmental tasks as assigned.
- Required to follow BWL Safety Manual and wear required personal protective equipment.
- Attends training for safety awareness or skills improvement as required by supervisor, BWL, or governmental agency such as MIOSHA.

**JOB SPECIFICATIONS: KNOWLEDGE SKILLS ABILITIES**

Must have knowledge of Microsoft Word and Excel. Must have proficient verbal and written communication skills. Must have valid driver's license with acceptable driving record.

**PHYSICAL REQUIREMENTS:**

Must be able to sit, talk, hear and listen. Good vision required to read and interpret documents. Ability to effectively communicate orally and in writing. Ability to enter and retrieve data from computerized, typed and written sources.

**WORKING CONDITIONS:**

Normal office environment and field work with possible exposure to varying temperatures, dust, and noise.

**TO APPLY:**

Email resume, cover letter and application to [bwljobs@lbwl.com](mailto:bwljobs@lbwl.com), with *Summer Intern* in the subject line, or mail to: BWL, Attn: Human Resources *Intern*, PO Box 13007, Lansing, MI 48901. **Application must be received by Friday, January 26, 2018.**

The Board of Water and Light serves Lansing, Michigan, and surrounding areas with electricity, water, and steam. In December 2017, BWL announced it will build a new, cleaner and efficient \$500 million natural gas-fired power plant to complement its investment in renewable energy projects and its energy efficiency programs.

BWL is also expanding and modernizing its electric transmission system, with substations, smart grid investment and new transmission line. This includes major upgrades to technology, such as converting to smart meters, and new customer information system. For more about the BWL see: <http://www.lbwl.com>.

**THE BOARD OF WATER AND LIGHT IS AN EQUAL OPPORTUNITY EMPLOYER.**