



## **Power Engineering Co-Op Program**

### **Hands-On Experience in Waste-to-Energy, Maintenance & Plant Operations**

#### **\$20.00 per Hour | 10-Week Summer Co-Op**

ecomaine offers an immersive summer Co-Op experience for Power Engineering students seeking real-world exposure at a fully operational Waste-to-Energy (WTE) facility. Students gain hands-on training in plant operations, maintenance, environmental systems, and industrial safety while working alongside experienced operators, mechanics, electricians, and engineers.

#### **What You'll Learn**

- Waste-to-Energy processes, including fuel handling, combustion, steam generation, and turbine-generator operations
- Plant operations, system walkdowns, chemistry rounds, P&ID reviews, and control systems
- Preventive maintenance, equipment inspections, troubleshooting, and mechanical repairs
- Environmental compliance, emissions monitoring, ash handling, and pollution control systems
- Industrial safety practices and professional workplace skills

#### **Program Experience**

##### **First Summer Co-Op Term**

- Safety orientation and plant tour
- Operations and chemistry rounds
- Equipment training and system walkdowns
- Maintenance support and preventive maintenance activities
- Participation in plant projects and tool training

##### **Second Summer Co-Op Term**

- Advanced system reviews and P&ID analysis

- Control room exposure and DCS training
- Electrical and instrumentation support
- Troubleshooting and process improvement activities
- Technical analysis project

### **Why Choose ecomaine?**

- ✓ Potential pathway to full-time employment after graduation
- ✓ Exposure to operations, maintenance, environmental, and control room functions
- ✓ Hands-on experience with boilers, turbines, pumps, fans, and industrial equipment
- ✓ Mentorship from experienced power industry professionals
- ✓ Development of technical, analytical, and communication skills
- ✓ Opportunity to support renewable energy production and waste diversion

### **Ideal Candidates**

- Power Engineering students (Maine Maritime Academy or similar programs)
- Hands-on learners interested in power generation and industrial operations
- Students eager to work in a dynamic industrial environment

### **By the End of the Co-Op, You'll Have**

- A strong understanding of Waste-to-Energy plant systems
- Practical operations and maintenance experience
- Documentation and resources needed for required academic co-op projects and reports
- Career-ready skills applicable to power generation, utilities, and industrial facilities

### **Apply Today**

**Submit your resume and cover letter to:**

**hr@ecomaine.org**