

**Reliability Engineer**

**Location:**  East Chicago, Indiana (Onsite)

**Relocation:** Some assistance is available.

**Primary Energy** issearching for an experienced **Reliability Engineer** for our Cokenergy location in East Chicago, Indiana. Our pivotal role will call upon your maintenance expertise in utilizing existing and developing new long-term reliability strategies. We are a cross-trained, collaborative team where we share our knowledge and expertise. In support of our commitment to excellence and our dedicated team members, we are pleased to offer a comprehensive compensation and benefits package that includes:

* **Competitive salary** and performance-based **bonus**
* **Generous time off** (PTO and holidays)
* 401k match up to 7%
* Blue Cross Blue Shield (**Minimal employee contribution**)
* Dental, Vision (100% **employer paid**)
* **And more!**

If you have a passion for program management, are highly skilled with software tools and possess solid customer service skills, then we would like to speak with you!

Your role as Reliability Engineer will be located at our Cokenergy facility. Cokenergy is an innovative waste heat recovery power generation facility owned and operated by Primary Energy, Cokenergy plays a crucial role in suppling energy to the Cleveland-Cliffs Indiana Harbor steelmaking facility in East Chicago, Indiana. Cokenergy’s combined heat and power facility recovers waste heat from an adjacent non-recovery metallurgical coke production facility and uses this waste heat to produce industrial power-grade high pressure steam to generate electrical power and process steam to Cleveland-Cliffs steelmaking operations. Cokenergy is a first-of-a-kind facility that is also responsible for the pollution control for the flue gas generated during the coking process, underscoring our commitment to the environment and innovative energy solutions.

**PRIMARY ENERGY OVERVIEW**

We are Primary Energy, a leader in energy recycling since 1992. Primary Energy owns, operates, clean and efficient energy projects on or near our industrial customers’ sites. These projects are critical to facility operations and provide significant benefits including both increased cost efficiency and dependable energy streams while reducing emissions. Our mission is to be the top performing waste heat energy producing facilities in North America and committed to diversity, equity and inclusion. Our value of “Stronger as a team that works together” emphasizes the importance of diverse voices to deliver awesome results for our customers and fulfills our mission of powering prosperity for all. To learn more, please visit us at <https://www.primaryenergy.com/primary-energy/>

**POSITION SUMMARY**

Reporting to the Operations & Maintenance Manager (O&MM), the Reliability Engineer (RE) plays a pivotal role in overseeing the plant’s preventative and predictive maintenance programs to ensure continuous availability and operation of equipment to maintain effective and efficient production of electricity and process steam. The RE coordinates with the O&MM and subordinates, overseeing plant inspections, equipment repair and installation ensuring preventative and corrective maintenance is conducted according to the long-term reliability goals. The RE collaborates in planning day-to-day maintenance and coordinates long-term maintenance schedules. The RE ensures that project milestones and goals are met and adhere to approved budgets. The RE is also a subject matter expert on all equipment used in steam and electricity production including 16 Heat Recovery Steam Generators, 95 MW Extraction Steam Turbine, Fans, Pumps, Environmental Compliance equipment, specifically dry scrubbers, and all associated Balance of Plant equipment. The RE utilizes plant data, trending tools, CMMS Maximo and other software to build and provide KPI’s and reports periodically, both orally in staff meetings and via email.

**DUTIES & RESPONSIBILITIES**

The Reliability Engineer effectively manages the preventative and proactive maintenance program by:

o Ensuring current programs are being complied within schedule and scope and evaluating work completion reports.

o Evaluating corrective maintenance for recurrence, conducting RCFAs and implementing improvements to Preventative

Maintenance (PM) plan to reduce CM recurrence.

o Evaluating current programs for improvement opportunities and implementing revised or new programs and

processes with a cost-savings mindset.

o Maintaining CMMS Maximo PM records and producing weekly and monthly KPI reports using Maximo and Excel

templates. Develop new templates as needed.

o Regularly utilize plant data historian software to monitor, trend and analyzing equipment data for tracking equipment

health and facilitate effective troubleshooting and incorporating the results into reports.

o Leads plant staff, contractors, consultants, and testing companies by driving a proactive culture and approach to

maintain optimal plant availability, profitability, and performance

o Develops technical scopes of work for engineering and maintenance contractors.

o Managing project finances effectively, adhering to approved budgets and timelines, and ensuring transparent financial

tracking and reporting.

o Assists in performance of compliance and acceptance testing of equipment

o Assists in overseeing plant modifications including engineering, construction, commissioning, and troubleshooting.

o Regularly coordinate and report activities to direct supervisor, as well as provide management updates as required.

o Balancing office and field responsibilities, with an approximate 50/50 split, allowing for effective oversight and hands-

on engagement depending on the project demands and operational needs.

**TECHNICAL SKILLS**

o Mechanical engineering background and experience with Boilers, Steam Turbine Generators, Dry FGD systems and all

supporting equipment.

o Knowledge of electrical systems and their relationship to mechanical equipment.

o Ability to write operating and maintenance procedures and develop diagnostic testing protocols.

o Ability to develop detailed preventative maintenance job plans in Maximo

o Ability to write technical scope, equipment scope of supply, work scope, and technical summary documentation.

o Proficient in using technology to aide work efficiency, (computers, mobile devices, email, cloud services, and IoT

(Internet of Things)

o Proficient in IBM Maximo, MS Excel, Word, PowerPoint, eDNA or PI plant information and historian system and

Outlook software programs.

**PROFESSIONAL SKILLS**

o Communicates effectively in both group and one-on-one settings.

o Works well in a team environment with an aptitude towards leadership.

o Incorporates critical thinking with an analytical mindset into work approach.

o Values and practices personal growth through continued learning opportunities and practices teaching other team

members to promote team growth.

o Detail oriented with the acuity to determine level of detail relative to tasks to ensure efficient use of time.

**EDUCATION AND WORK EXPERIENCE REQUIREMENTS**

o 4-Year Engineering or Technology degree or equivalent experience, BSME preferred.

o Minimum 7 years of experience in Engineering, Operations, and Maintenance in a coal/natural gas/waste heat/biomass/nuclear or combined heat and power/utilities sector with a solid track record in leading proactive, preventive, reliability maintenance programs.

Employment with Primary Energy is contingent upon passing a standard drug test, satisfactory results from reference checks and a background screening.

Apply link: https://primaryenergy.recruitpro.com/jobs/282229-58517.html

Primary Energy is an equal opportunity employer.

Key Words: Plant Engineer, [**Reliability Senior Manager**](https://www.linkedin.com/jobs/view/3787126040/?eBP=CwEAAAGOJJ5sVgW2SSNUyHwLqJ_aA35-7ia6OFJSLIvrriXcxA5VgQxBUGP_0vq3u3WKVbiO1GmmEOobShsCiEkEzKGnL3lNSlGlMxrmDxgbF537EuGD51_3zbGS8TpcShmlcRhBd8bYBjPmrGJ1zroUplUPTeJ5h79nvEd7dZwgnVSQkyeToa_bK-9qdXuRexUSVoeUt8AIJh2c9DgdFBUeRSwKox-FkjJqbxhA6-aYCdx5EIADyjmRGVTxYDgKiDqh5ITG7u5qIn1e9BVSn78JGmoupSqhPjMfX_xl17P3EgQqcbDDzWp-PfUZVZjCOs6QOhPlUjFlpJiIMSBX3tHc_JOyNgb_O-iHGQ&refId=nS%2FvI%2FWKuLsmh076oGyhdw%3D%3D&trackingId=i0vfhlQXVSp0h80kiV0Qeg%3D%3D&trk=flagship3_search_srp_jobs)**, Preventative and Predictive Maintenance, PM, PdM**