



SENIOR, IT SECURITY ANALYST

Niagara Peninsula Energy Inc. (NPEI) is seeking a qualified individual to join our management team in the position of Senior, IT Security Analyst. This position reports to the IT Security Manager and is responsible for protecting Niagara Peninsula Energy's assets by securing sensitive data and critical assets from current and emerging threats. This position is responsible for the implementation of cybersecurity solutions and controls to protect the company's assets from unauthorized internal and external access, compromise or loss in accordance with the Ontario Energy Board (OEB) Cyber Security Framework.

Primary Duties & Responsibilities:

- Conduct regular reviews and internal/external scans, to ensure the confidentiality, integrity and availability of the data residing on or transmitted via the Corporation's workstations, servers, and other systems and in databases and other data repositories.
- Perform vulnerability assessments and reviews, facilitating remediation planning, exposure tracking, communicating risk, and reporting on mitigation status in accordance with the vulnerability Patch Management Release Program.
- Prepare remediation as necessary for investigated security incidents and events and proactively collect, assess, and communicate information security intelligence.
- Perform complex analyses on intrusion detection system results and prepares recommendations of corrective actions.
- Conduct the audit of the comprehensive IT and OT disaster recovery plan, the incident response plan and assist in the development and maintenance of the Corporate business continuity plan. This includes participation in the regularly scheduled Red team exercises and playbook simulations.
- Monitor and assess the results of the Remote Monitoring and Management Infrastructure alerts and prepares remediation plan related to all IT and OT assets.
- Review of Security access rights, IT system logs, encryption standards to ensure the integrity of data transmissions and recommend corrective actions as needed.
- Support and participate in the implementation, administration, and use of the Security Information and Event Monitoring platform, ensuring audit trails, system logs and other monitoring data are reviewed and actionable.
- Works with third party monitoring investigation to monitor, share, and build awareness and participate in projects in multiple areas and provide technical expertise on information security issues and reports findings to the IT Security Manager.
- Prepare monthly security reports that align with the Corporation's KPI's and provide to the IT Security Manager.
- Participates in the strategic planning for cyber security and provide recommendations for the Corporation's budget.
- Monitor and implement the Corporation's Cyber Security Education and Awareness Program.

Required Qualifications & Skills:

- Bachelors Degree in Computer Science or College Diploma in Information Technology/Security.
- Requires 3-5 years of relevant, progressive experience.
- Certified Information Security Manager (CISM) is highly preferred.
- Certified Information Systems Security Professional (CISSP) would be an asset.



- Experience with the National Institute of Standards and Technology (NIST) Cyber Control Set
- Experience coordinating and supporting security and cybersecurity processes
- Possess a strong understanding of the key functions of cybersecurity and Cyber Risk mitigation.

How to Apply:

Interested and qualified applicants are encouraged to apply, in confidence, by submitting a cover letter and resume by email addressed to: humanresources@npei.ca no later than **4:30 p.m. on Friday, February 10th 2023.**

NOTE: Applicants who receive a conditional offer of employment from NPEI will be required to provide proof that they are fully vaccinated with a COVID-19 vaccine approved by Health Canada and to maintain their status as fully vaccinated as a condition of continued employment. NPEI will consider individual requests for accommodation by applicants who cannot be fully vaccinated due to grounds protected under the Human Rights Code.

We sincerely thank all applicants for their interest in this position; however, due to volume, only those selected for an interview will be contacted. Niagara Peninsula Energy Inc. is an equal opportunity employer and is AODA compliant. If you are selected to participate in the recruitment process for the position to which you have applied and require a disability-related accommodation, please notify the Human Resources Department.