



Agriculture Energy Systems Specialist

Department: Agriculture

Location: Charlottetown / Hybrid

Position: Full-time (Commencing Immediately)

Employment Type: [Permanent](#), UPSE

Hourly Salary Range: \$37.80 - \$47.27

Annual Salary Range: \$73,710 - \$92,177

Pay Level: 19

Bi-Weekly Hours: 75.0 hours bi-weekly

Posting ID: 163642-0724API

Closing Date: Monday, July 22, 2024 4:00 p.m.

Open to: Public

The Department of Agriculture is committed to Equity, Diversity, Inclusion and Accessibility. Our goal is to build a public sector workforce that reflects the diverse communities we serve and to promote welcoming, diverse, inclusive, respectful workplaces that are accessible to all. We welcome all interested individuals including Indigenous People, persons with disabilities, Black, racialized, ethnic and culturally diverse groups, as well as people regardless of their sexual orientation, gender identities, and gender expressions. Those looking for more information are invited to visit our [Equity, Diversity, and Inclusion Policy](#).

What we offer:

- Hybrid options within PEI
- Health and Dental Benefits
- Pension Plan
- Up to \$2,500 annual training funds
- 3 weeks paid vacation annually
- Travel allowance
- Free downtown parking

The Agriculture Energy Systems Specialist is the Department lead on policy and program development related to energy systems in agriculture and provides advice and recommendations to Management and Senior Management, as well as to the industry and the public regarding energy production and use on farms. This specialist will serve as the Department liaison with key contacts and stakeholders in the provincial and federal government, industry, and academia. The Agriculture Energy Systems Specialist is responsible for the policy research, development and management of programs related to energy efficiency, renewable energy generation and innovative agriculture energy projects.

Duties will include but are not limited to:

- Develop comprehensive, sector-specific energy audit processes for PEI farms;
- Undertake sector-specific energy audits/assessments for agriculture sector; identifying, prioritizing and sequencing activities to optimize energy use and Return on Investment based on the farm's specific context and goals, resulting in a detailed plan. Understand each farm's unique challenges and opportunities with respect to energy systems;
- Provide technical advice and assistance to Island producers regarding equipment maintenance or modifications or management efficiencies to increase energy use efficiency;
- Provide technical advice on opportunities for fuel switching, switching from fossil fuels to renewable energy sources. Identify where fuel switching projects can decrease overall costs and GHG emissions;
- Promote renewable energy systems within the agricultural community, including system design, estimation of energy generated, and calculation of return on investment timeframes. Provide technical advice on renewable energy generation;
- Apply project management skills in leading climate change and energy initiatives through development to implementation, including developing project charters, establishing project teams, overseeing resources and scheduling, and implementing and closing projects;
- Develop funding proposals and submissions to secure resources for agri-environmental program development and delivery;
- Lead and manage program policy development, planning, organizing, budgeting, analyzing, promoting, auditing, reporting, and evaluation of agri-environmental programs related to agriculture energy systems;
- Apply and maintain knowledge and expertise related to energy systems as it relates to agriculture; including knowledge and expertise related to on-farm renewable energy generation, strategies to increase energy use efficiency on-farm, and strategies for effective switching from fossil fuels to renewable energy sources;
- Develop, maintain and facilitate working relationships and networks with other agencies and groups engaged in energy efficiency initiatives in Prince Edward Island and throughout Canada, including participation on Federal-Provincial-Territorial working groups and provincial technical working groups for energy projects, initiatives and policies as they relate to agriculture;
- Develop, implement, coordinate, monitor, and/or evaluate departmental programming and initiatives related to agriculture and strategies to optimize energy use; aiming to address climate change through greenhouse gas mitigation and mitigate risks of increasing energy costs to farm profitability.

Minimum Qualifications:

- Degree (Masters of Science) in Engineering, Energy Engineering, Sustainable Energy Systems, or related field of study with Considerable experience in Energy Engineering, Energy System Design and Development, AND Climate Change Mitigation or Adaptation in Agriculture. Or Degree (Bachelors of Science) in Engineering, Energy Engineering, Sustainable Energy Systems, or related field of study with Extensive experience in Energy Engineering, Energy Systems designs and Development, AND Climate Change Mitigation or adaptation in Agriculture.
- [Demonstrated equivalencies will be considered;](#)
- Considerable experience in project management involving a diverse set of partners and deliverables;
- Considerable experience and understanding of agriculture industry;
- Considerable experience in computer applications including Microsoft Excel, Microsoft

- Word and those needed for energy audits and monitoring enterprise energy consumption.
- Must have excellent skills in project management, communication, conflict resolution, organization and extension practices;
 - Must have a valid driver's license.

Preference will be given to UPSE Civil Employees as per the UPSE Civil Collective Agreement.

This competition may be used to fill future job vacancies.

Please Note: Please ensure the application clearly demonstrates how you meet the noted qualifications as applicants will be screened based on the information provided. We would like to thank all applicants for their interest; however, only those who are selected for an interview will be contacted.

Where possible, submitting an electronic resume or job application is preferred. Otherwise, please return forms to PEI Public Service Commission, P.O. Box 2000, Charlottetown, Prince Edward Island, C1A 7N8. Applications may be sent by fax to (902) 368-4383. IT IS THE RESPONSIBILITY OF THE APPLICANT TO CONFIRM RECEIPT OF THE APPLICATION, BY TELEPHONE OR IN PERSON PRIOR TO THE CLOSING DATE. Please ensure that the appropriate Posting ID number is stated on all application forms. You can apply online or obtain an application form by visiting our web site at www.jobspei.ca. Forms may also be obtained by contacting any PEI Government office, ACCESS PEI Centre, Regional Services Centre, or by telephone (902) 368-4080.

No. 6 on Forbes' list of Canada's Best Employers 2024

The Public Service is inspired to make a positive impact and proud to shape the future of our Island Community.

SHAPE THE
Future