



Powering Alberta's Future: Creating Lasting Economic Opportunities

Energy Alberta is committed to maximizing local and Indigenous employment and procurement for the Peace River Power Project during development, construction and operations. By supporting thousands of well-paying jobs and boosting local businesses, the Project is an investment in people, communities and a thriving future for the Peace Region.

Building the Future: Jobs During Construction (2028-2041)

The construction phase will be one of the largest employment opportunities in Alberta's history, supporting thousands of workers over more than a decade.

Skilled Trades:

Electricians, welders, pipefitters, carpenters and heavy equipment operators will be in high demand to build the plant's physical infrastructure.

Civil & Structural:

Concrete workers, ironworkers and crane operators will be essential in laying foundations, constructing containment structures and assembling specialized components.

Support Roles:

Behind every worker on the ground are safety officers, quality inspectors and administrative staff ensuring the project runs safely and efficiently.

Technical Leadership:

Engineers, project managers and supervisors will guide the project from start to finish.

Long-Term Careers: Powering Generations (2035-2115)

Once the facility is operational, it will support hundreds of stable, full-time positions for 80+ years. These are career-track jobs with strong wages, benefits and training opportunities.

Plant Operations.

Control room operators and maintenance technicians will ensure the plant runs smoothly and safely, 24/7.

Safety & Security.

Safety specialists and security officers will protect both workers and the surrounding community.

Administration.

HR, finance, procurement and management staff will provide the backbone of long-term operations.

Technical Support.

Engineers, analysts and inspectors will apply cutting-edge expertise to keep the plant efficient.

Indirect jobs will ripple out through the economy - from equipment suppliers to fuel services to local contractors - creating opportunities for thousands of additional Albertans.

Local Business Opportunities

The Peace River Nuclear Power Project will be a once-in-a-generation boost for local and regional businesses. Energy Alberta’s goal is to maximize the participation of local and Indigenous businesses throughout the life of the project. Opportunities include:

- Construction Materials & Supplies
- Equipment & Maintenance Services
- Transportation & Logistics
- Food Services & Accommodations
- Professional Services



Not Just Science & Engineering Jobs

The nuclear industry is about much more than engineers and scientists. It creates lasting, high-paying jobs across dozens of professions, drawing talent from universities, community colleges, the trades and even the military. Nuclear plants provide quality employment that strengthens entire communities, with opportunities for people from all backgrounds. Highlighted here are some of the many career paths you can explore.

Skilled Trades	Professions	Engineering, Technicians & Specialists
Carpenters	Accountants	Chemists
Electricians	Cybersecurity specialists	Chemical engineers
Heavy equipment operators	Communicators	Radiation protection specialists
Masons	Health physicists	Reactor operators
Pipefitters	Lawyers	Scientists
Sheet metal workers	Subject matter experts	Nuclear engineers
Welders	Policy analysts	Safety & environmental monitoring specialists
Mechanics	Entrepreneurs	Civil engineers
Project managers	Financial managers	Mechanical engineers

How to Get Involved

Procurement Opportunities

Local and Indigenous suppliers are encouraged to join our vendor registry. Be part of the supply chain that will build Alberta’s energy future. www.EnergyAlberta.com/Procurement-Registry

Employment Opportunities

Stay informed about upcoming training and job opportunities. Register to receive updates and be the first to know when hiring begins. www.EnergyAlberta.com/Jobs-Registry