

# Work Transformed

For current employees and job seekers

Innovative new technologies will transform not only the *size* of the electricity sector's labour force but also its *composition*. As new technologies transform how the sector generates, distributes and manages the use of electricity, demand for workers across and within occupational groups will change.

Sector leaders across the country shared their thoughts on these changes to the electricity sector workforce and **what it means for current employees and potential job seekers**.

## Occupations likely to see growth in demand include:

### Renewable Energy Occupations

Smart Grid Specialists  
Solar Panel Installers  
Wind Technicians



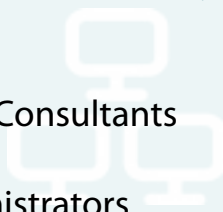
### Engineering Occupations

Electrical and Electronics Engineers  
Technologists and Technicians  
Telecommunications Engineers



### Information and Communications Technology Occupations

Cyber Security Specialists  
Information Systems Analysts and Consultants  
Software Engineers and Designers  
Database Analysts and Data Administrators



### Trades Occupations

Power System Electricians  
Electrical Power Line Workers  
Industrial Electricians  
Construction Electricians



Increasingly, **employers are looking for people who have a combination of skills**—and especially those who can **integrate digital skills with traditional technical knowledge**. Professional skills such as active listening, critical thinking and decision making, speaking and time management are all highly sought by employers, and demonstrate the importance of continuous learning as a concept throughout one's career.

## Skills necessary for the future of work in the electricity sector:

- Blended skills and knowledge (a mix of technical and other skills)
- Data analytics
- Statistical analysis and big data manipulation
- Advanced digital skills
- Business and marketing

"We need people who are nimble, who have critical thinking skills, who can think on their feet and who can manage through significant change."

Find out more about the future of work at [electricityhr.ca/work-transformed](https://electricityhr.ca/work-transformed)



This project is funded in part  
by the Government of Canada's  
Sectorial Initiatives Program

