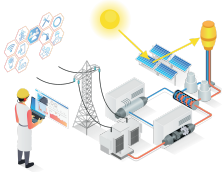


# 5

# CAREER PATHS IN THE POWER INDUSTRY



## 1. ELECTRICAL ENGINEER

An Electrical Engineer is like a superhero controlling electricity, designing circuits, power plants, and electric cars. They ensure electricity runs smoothly in homes, schools, and cities, making gadgets work.

## 2. POWER SYSTEMS

Power Systems Engineers oversee electricity flow from generation to consumption, maintaining electrical grids' reliability. They orchestrate power distribution, ensuring lights stay on and appliances work smoothly, akin to conducting a symphony of electrons.



## 3. GRID CONNECTIONS

Grid Connections Engineer ensure safe and efficient connections of new buildings or power sources to the grid by planning and organizing placements on the grid and connections without issues.

## 4. SYSTEMS PLANNING

A System Planning Engineer is similar to organising a party but on a larger scale, planning resources like electricity, water, and transportation for a city or region to ensure efficient operations and future needs are met.



## 5. ELECTRICAL TECHNICIAN

An Electrical Technician is the 007 for all things electrical! They tinker with transformers, fix circuit breakers, and maintain power lines. Their mission? To zap away electrical glitches, upgrade systems, and make sure safety rules are the boss. From testing gadgets to saving the day during blackouts, they're the unsung heroes behind the scenes.

