

What's a Power Engineer - Job Profile

Dean – Maintenance Engineering Manager, Western Power



Major Responsibilities

- Planning for transmission maintenance program
- Providing engineering services to transmission maintenance
- Identifying new technologies to achieve efficiency
- Driving business improvements
- Identifying opportunities for delivering optimum maintenance
- Monitoring of transmission maintenance and reporting against performance

Pathways

Technical education - Applied Physics, Electrical Engineering and Power Systems.
Technical positions - Protection Engineer, Field Electrical Engineer, Power System Engineer, Networks Engineer, Transmission Field Engineering Manager.

Graduated from Curtin School of Business. Post graduate lectures at Curtin University of Technology on Power System grounding I am a Senior Member of the IEEE Power and Energy Society, a CPEng and a Member of Engineers Australia.

Why Did You Choose This Career?

I was trained as a Protection Engineer during my university studies and have enjoyed the Power System Protection subject as it is broad and involves most power system components and all voltage levels. Interest later developed into earthing of power systems and high value assets such as transformers. This interest has led me to my current role which involves managing transmission assets during their lifetime.

My passion is now contributing to the sustainable development of the power industry in such a way that we don't compromise the need of future generations by using the resources of this planet to its detriment. This will be achieved by training a new generation of environmentally focused engineers and shifting from conventional grids to smart grids and using renewable energy or other energy sources that don't create adverse environmental outcomes.