



Electrical Supply System Appreciation

Module purpose	This training module will provide the learner with a good general understanding of electricity – how it is generated, transmitted and distributed, together with an insight into some of the broader issues in the Victorian Electricity Supply Industry (VESI).
For whom	For people new to the electrical supply industry, or existing personnel who would benefit from a broader knowledge of the industry.
Prerequisites	Nil
Summary of content	<ul style="list-style-type: none">• Principles of electricity.• Power generation, including new power generation technologies and renewable energy sources• The transmission and sub transmission systems.• Zone substations• HV and LV distribution systems.• High and low voltage construction.• Distribution sub stations.• Underground distribution systems.• Power line radiation• Structure of the Victorian power industry.
Assessment	The learning outcomes will be assessed using the appropriate written assessments.
Planned duration	Training session: Initial: 6 hours Assessment: 20 minutes per participant. Maximum of 8 participants
Frequency	Annual Assessment / Refresher Training.