

Asset Management & Power System Studies



Power system studies

Our network studies team is staffed with highly qualified engineers who have a wealth of experience in building network models and performing load flow, fault level, protection, earthing and transient stability studies. We undertake detailed analysis to support customers with their network management to ensure their networks are reliable, safe and efficient.

Arc flash studies

EA Technology's expertise in performing Arc Flash Studies can help you develop strategies to reduce the level of prospective arc energy and mitigate the effect of the hazardous arcs on personnel. This is in accordance with IEEE1584-2018 standard.

Protection studies

Correct protection settings and grading are an essential element in achieving the effective and safe operation of electrical networks. EA Technology can assist organisations to review protection systems and ensure they remain appropriate to changing network conditions.

Power quality investigations

We offer independent expert advice on a range of power quality issues. Employing industry best practice, we can investigate your power quality status, identify Any problems and propose effective solutions. This can include issues associated with harmonics, voltage sags/swells, flicker and transients.

ISO 55000 (Asset Management)

EA Technology assist organisations to achieve maximum value from the implementation of an ISO 55000 compliant Asset Management System. This includes; Asset Management training, strategic guidance on how to use your assets to meet company objectives, plus gap analysis & certification auditing.



Strategic asset management guidance

EA Technology can advise or assist with the implementation of strategic Asset Management decisions and processes that will help an organization prioritize and optimize asset investments. EA Technology has a large amount of experience in assisting clients, with Strategic Asset Management Investment decisions through Strategic Asset Management advice, and implementation of our Asset Investment Management software.

Electrical safety rule development, assessment and compliance

Assisting organizations to fulfil legal obligations through the development or review of existing Electrical Safety Rules; identification of any deficiencies in relation to current legislation and international best practices.

Incident investigations and expert witness

EA Technology has experienced consultants that can carry out investigations into operational incidents and asset failures, plus provide the services of an expert witness during legal proceedings

Electrical infrastructure audits

EA Technology Electrical Infrastructure Audits can identify whether the electrical equipment has been correctly installed, maintained, operated, protected and whether the equipment presents a danger to its users or others. Electrical Infrastructure Audits are a critical element of due diligence activities.



Maintenance policy

EA Technology has vast experience in helping clients develop custom maintenance policy and strategy documentation, plus implementation of operating practices. This includes the development of Asset Registers, condition assessment techniques, testing and maintenance activities.

Condition monitoring assessments

Many companies now recognize that effective management of their assets over the full asset life cycle, is a critical factor in optimizing the value the organization can realize from managing and operating their assets. EA Technology has assisted many worldwide organizations with the optimization of their Condition Monitoring requirements and documentation.



Safer, Stronger, Smarter Networks

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