

Electrical Services

Our Electrical Services unit delivers comprehensive solutions for all types of electrical networks in infrastructure and development projects, including public lighting, underground cabling, metering, high voltage distribution services and microgrids.

We understand electricity and power networks like no other, and are trusted partners for civil contractors, developers, local councils and State Government departments.

Our team specialises in tailoring solutions to our clients' unique requirements and circumstances, providing advice, support and resources to deliver the right outcomes and provide a value-add solution.

Enerven Electrical Services has a strong track record of delivering holistic end-to-end project solutions for all types of electrical infrastructure. Our industry knowledge is second-to-none, and our strong supplier networks result in outstanding purchasing power for our clients.

We are a financially strong service provider with long-term commitment to providing innovative energy solutions for Australia. We continue to work on developing data management platforms that allow further integration of electrical devices, monitoring tools and dynamic control mechanisms for more efficient energy systems.

Our clients - including local and state Government, Department of Planning Transport and Infrastructure (DPTI), developers, consulting engineers and household names such as Coopers Brewery - trust our expertise and skills, and for many of them we have completed multi-stage projects due to our reputation, service quality and the strong relationships we have built.

We pride ourselves in delivering fit-for-purpose solutions to our clients. We don't just deliver what was asked for, but we work with you to make sure that the solution developed will stand the test of time, and will still be safe, sustainable and dependable tomorrow.

Our Capabilities

We have the capabilities to cover all aspects of electrical services, from initial consulting and audits through to construction and maintenance of complete networks.

Our highly skilled staff specialise in delivering complete turnkey solutions, but can also coordinate and manage individual project elements depending on your needs and resources.

Enerven Electrical Services' capabilities can be grouped into four areas of expertise: Underground Residential Development (URD), Metering and Calibration, Lighting Solutions and High Voltage Distribution Services.

We can deliver individual service elements, or a package solution consisting of a range of services from within the Electrical Services Unit and our internal and external partners.



Underground Residential Development (URD)

Enerven's Electrical Services are sought after by civil contractors, developers and local councils to develop fit-for purpose network solutions for new and established infrastructure.

URD capabilities include

- Design, construction, maintenance and optimisation of electrical networks
- Low Voltage (LV) distribution cable installation, termination and commissioning
- Installation of consumers' mains (transformer to switchboard) cabling and testing to AS3000 Wiring Rules standards and requirements
- Supply, install and commissioning of LV switchboards
- Civil works
- Assist in the pre-planning and site layout/marketing for trenching and civil works prior to works commencing
- Location of existing services
- Installation and connection of microgrids/embedded networks
- Issue of Electrical Certificate of Compliance (COC) on completion of works

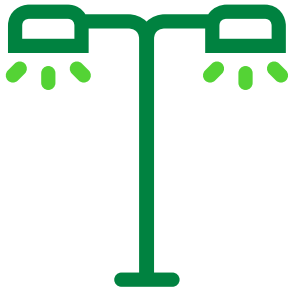
High Voltage Distribution

Enerven's Electrical Services division has an unparalleled level of experience in the design, installation and maintenance of High Voltage underground and overhead distribution networks. These works are performed for extension of existing or new urban developments, commercial and industrial upgrades as well as a solution for connection to renewable energy infrastructure. This includes connecting solar and wind farms back to the electricity network, often assisting in the reduction of operating costs

High Voltage Distribution capabilities include:

- Design and construction
- Cable installation, termination, jointing and commissioning
- HV audits and cable location
- Fault finding and cable repair
- Civil works
- Assist in pre-planning and site layout/marketing for trenching and civil works prior to works commencing
- Location of existing services
- Maintenance and asset condition monitoring
- HV Transformer and switchboard installation of upgrade
- HV switching and outage coordination



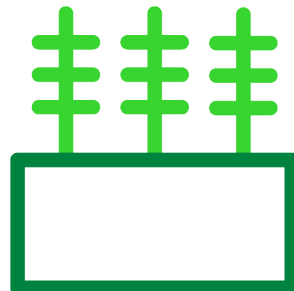


Lighting Solutions

Our lighting solution projects include, but are not limited to, road lighting, park lighting, public spaces, sports facilities, car park and security lighting. We provide lighting solutions and installs for clients such as local councils, state government departments, civil contractors and private land developers. Our lighting group has the ability to provide whole of life project management, from design and construct all the way through to asset management and maintenance. They are also able to provide energy analysis and recommend energy saving initiatives.

Lighting Solutions capabilities include:

- Lighting consultation, lighting audits, design and planning, construction, maintenance and asset management
- Fault finding and rectification
- Large-scale replacement of traditional globes
- Replacement of existing luminaire lighting to Smart LED lighting
- End-to-end project management including contracting, pricing, administration and reporting
- Design, provision, installation and management of smart lighting solutions (integrated communications and lighting technology)
- Design, provision, installation and management of solar lighting
- Energy analysis and consultation



Metering & Calibration

Our Metering and Calibration team provides a variety of metering, calibration, electrical, technical, compliance and advisory tasks to a variety of customers including utility operators and energy retailers.

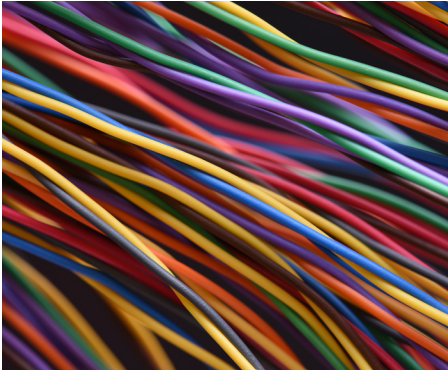
Metering and Calibration capabilities include:

- Operation of a NATA accredited facility for the testing and calibration of electrical and metering equipment, high accuracy measurement of instruments and the calibration of fibre optic test equipment, both on site and within our laboratory
- Complete metering design and smart metering solutions (including installation, testing, and maintenance services)
- Metering and electrical equipment installation, testing, modification and maintenance services (including solar and embedded networks)
- Meter testing, refurbishment, replacement and evaluation services
- Installation, commissioning, maintenance and testing of instrument transformers, up to 275kV
- High-level metering advice and technical support in relation to the accurate metering and billing of electrical energy



Accreditation

We are registered with the Australian Energy Market Operator as a Meter Provider, and has ISO: 9001 accreditations for the installation, testing, monitoring and repair of electrical energy metering equipment and our Calibration Laboratory is NATA Certified to ISO/IEC 17025.



Why Enerven?

We develop solutions with customers and communities to enable them to choose, create and adapt how they connect with, make, store and use energy, on their terms.

We pride ourselves on thoroughly understanding each project and client's needs and we work with you to create a tailored solution that fulfils and exceeds expectations.

Our extensive experience in the industry make us a reliable player in the market with a service offering that is hard to beat.

Building on the 100-year foundation, Enerven is a proven expert in the development of major infrastructure, energy and telecommunications solutions.

Proactive, Collaborative, Dependable

Our values are the DNA of our business. They embody what we stand for and focus firmly on our customers' needs to accomplish long term, sustainable improvements that are reliable, maximise profitability and minimise costs.

Further to this, everything we do is underpinned by an unrelenting focus on safety and wellbeing.

We build our customers' vision. Our driving ambition is to connect you with tomorrow.

Who We Are

Enerven provides construction and maintenance services to clients both within SA and nationally. We believe innovation and technology will continue to drive efficiencies, but no more so than the experience and knowledge of our people.

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