



# SERVICE FOR ASP LEVEL 3

The Design team at iEngineering offers years of ASP Level 3 Design experience together with a practical knowledge of power line construction practices.

## OVERVIEW

iEngineering Australia is an Accredited Service Provider for ASP Level 3 Design work (ASP L3) with Electrical Utilities/Industries, Renewable Energy and Mining Sector in NSW. We are certified to design overhead and underground electrical power reticulation and have proven ability to produce innovative and cost-effective designs whilst maintaining the highest levels of quality, reliability and safety required by our customers.

## WHY CHOOSE US

- ✔ Our team consists of professionals who have proven reliable, both in terms of education
- ✔ All payment transactions to accounts in the name of the Company
- ✔ We are a trusted company with excellent and fast service

## CONTACT US

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- ✉ [enquiries@iengaust.com.au](mailto:enquiries@iengaust.com.au)
- 🌐 [www.ieng.tech](http://www.ieng.tech)

## SERVICE

- ASP L3 DESIGN/ SUBSTATION AND INDUSTRIAL DESIGN
- POWER SYSTEM STUDIES & DESIGN
- EARTHING STUDIES & EMFI ANALYSIS
- HOSTING STUDIES FOR EV AND RENEWABLES
- INDUSTRIAL ENGINEERING
- GREEN & RENEWABLE ENERGY
- ENERGY & ELECTRICAL AUDIT
- HV PANEL DESIGN
- BATTERY ENERGY STORAGE SYSTEM DESIGN
- MAINTENANCE EXCELLENCE & COSTING
- TELECOM

# About iEngineering

iEngineering Group provides contestable engineering services in NSW, Australia. We are Accredited ASP Level 3 Designers with Planning, Industry & Environment NSW for Australian Electricity Supply Authorities (Ausgrid, Endeavour Energy and Essential Energy).

Our design team at iEngineering offers years of engineering & design experience together with a practical knowledge of power line construction practices. Most of the team members have gained their experience with Distribution Network Service Provider (DNSP) and with years spent project managing the construction of power lines, our team will deliver you exceptional outcomes throughout the project cycle.



## OUR ASP LEVEL 3 SERVICES INCLUDE

- **Asset relocation:**-Preparation of design documentation and arrangement of design certification for relocation of power lines, power poles, underground cable and substations. We work with clients such as local councils and Transports of NSW for undergrounding, relocating of assets for anesthetisation projects Asset Relocation services can help you seamlessly transition your valuable assets to new locations. Whether you're moving offices, upgrading machinery, or expanding your facilities, trust us to handle your assets with care and expertise..
- **Power line design:**-11kV/ 22kV and 415 V distribution power line design and sub- transmission design from 33 kV to 66 kV are the key businesses of iEngineering Group. Power line design(Overhead and Underground) is often required for;
  - 1.The development of large-scale land sites .
  - 2.Alterations to mining sites requiring asset relocation.
  - 3.Up-rating a private feeder to suit new power demands
  - 4.Large commercial expansions.
  - 5.The development of residential property.
  - 6.Road widening and Relocation of utility assets.





- **Network design:-**Network design provision for overhead and underground connections required for residential, industrial and commercial developments. Preparation of design documentation for connections to existing substations, new kiosk, pad mount and chamber substations. We tailor custom network solutions to optimize your data flow, ensuring fast, secure, and reliable communication. Experience the power of a well-crafted network design – the foundation of modern business success."



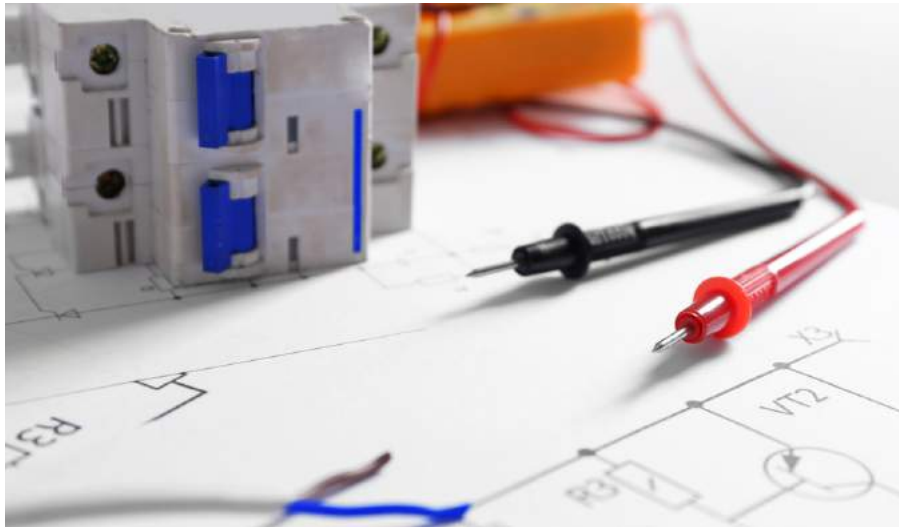
- **Substation Design:-**These include new subdivisions, commercial buildings, industrial plants and rural locations, as well as replacement of existing substations. We provide solutions for the following types of substation designs: Kiosk, Chamber, Ground, Pole mounted, Pad mounted, SWER substations. Our Engineers will work with you to cater for your substation requirements, as well as easement acquisition and other negotiations where required.

- **Concept design:-**Preparation of concept designs in assisting for identification of opportunities and constraints in servicing the development and preliminary estimation of construction works. Consulting and project management services: Our project management services include and covers the breadth of capabilities such as pre concept, post construction ,safety, environment, relocation, design and community engagement.
- **Power quality audit analysis:-**iEngineering provides a range of auditing services. Experience uninterrupted operations and protect your valuable equipment with our Power Quality Analysis services. Ensure the highest standards of electrical performance and enhance your business's efficiency. This includes audits with respect to



1. Compliance to Australian or International standards(electrical) such as AS/NZS 3000 & AS/NZS 2067.
2. Maintenance practices and systems against industry standard and best practice.
3. Safety and operational practices and systems against industry standards and best practice.
4. Save money through reduced energy consumption, lower maintenance costs, and prolonged equipment lifespan.

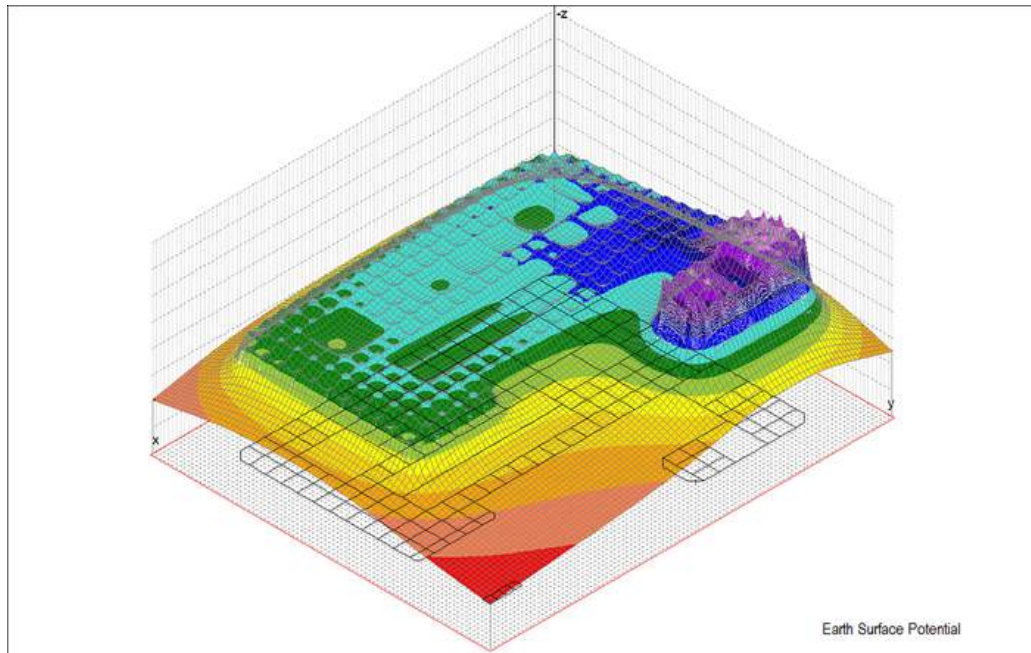
- **Drafting:** iEngineering provide our clients with professional electrical drafting services using a suite of software packages. Our skilled team of electrical drafters is committed to delivering accurate and detailed electrical drawings that ensure the success of your projects. The following list details our general drafting services, but we can adapt our services to suit your project needs:



1. Single Line Diagrams
2. Control Schematics
3. Site General Arrangement
4. Process and Instrumentation Diagrams
5. Equipment General Arrangements
6. Contestable Design Drawing Package

- **Estimation:-** Our design team can prepare the Bill of Material (BOM) list for the clients as per the requirement. Our organisation mainly focus on following points:
  1. Accurate Pricing
  2. Transparency
  3. Competitive Advantage
  4. Quality Assurance

- Earthing Design:-** Don't compromise on safety and efficiency. Contact us today for a customized Earthing Design solution that guarantees the reliability of your electrical systems. Your safety is our priority!



- Lighting Design:-** Provision of design for Px, P and V category lightning solutions across NSW as per Australian standard AS1158 and servicing of clients for government and private sector.

