

Level 3 Electrical Network Design

THE GOSLING ELECTRICAL ADVANTAGE

Gosling Electrical is one of only a handful of Accredited Service Providers (ASPs) within NSW that provides a full suite of in-house design services including Level 3 Electrical, NBN/Telstra and lighting designs. Our main area of operation is in the Essential Energy network, however our highly skilled design team hold accreditations to complete design, from small LV network to 132 kV Subtransmission within the Ausgrid and Endeavour networks.

The advantage to our clients is that your entire project, from commencement through to completion, will be managed by a single provider. Every design is reviewed and quality assured by our senior design and construction management team prior to submission to the utility for approval, which has the potential for significant time and cost savings, and a reduction in design and construction delays or revisits.

DO YOU NEED A LEVEL 3 DESIGN?

In some instances, your project may require the services of a level 3 ASP designer (as directed by your utility) to allow you to progress to construction (Level 1 ASP).

WHAT AREAS OF DESIGN DO WE HANDLE?

- Distribution overhead and underground networks
- Subtransmission to 132 kV
- 2-Lot subdivision to multi-staged subdivision electrical reticulation.
- Large development master planning
- NBN/Telstra pit and pipe design
- Lighting design

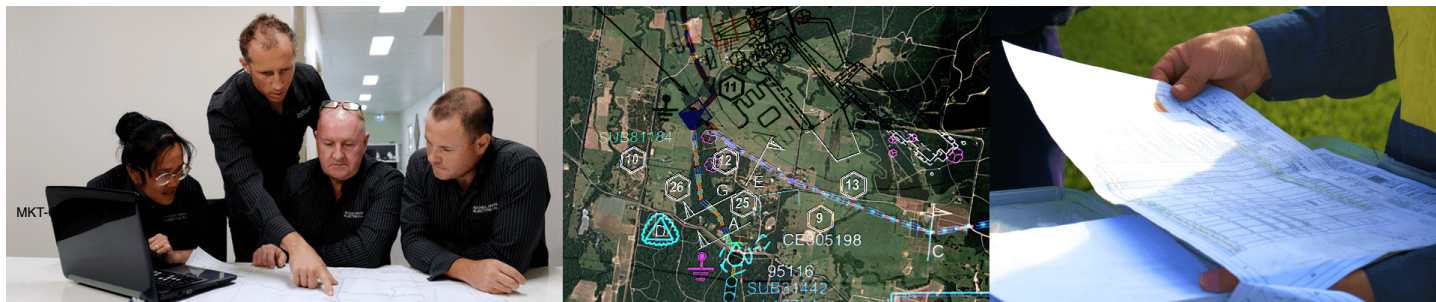
ENVIRONMENTAL IMPACT ASSESSMENT

It is a legislated requirement for all Level 3 designs to include an Environmental Impact Assessment (EIA). EIAs identify environment aspects that must be considered as your project progresses through the design phase and into construction. These may include, but are not limited to, threatened and endangered flora and fauna, contaminated soils, areas of heritage or cultural significance, native title and crown land. We include this EIA at no extra cost as part of the design package.

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DESIGN STEPS

- Gosling Electrical provides a fee proposal for the design
- Client engages Gosling Electrical
- Submission of Design Information Application to Essential Energy
- Design package issued by Essential Energy allowing the design to progress
- Section 45 submission to council and Section 21 to adjacent landowners (if required)
- Design team visits site to complete survey, earth testing and EIA data collection
- Documentation collection, DBYD, Environmental impact assessment (EIA) searches
- Completion of concept design for client approval
- Submission of design to Essential Energy for certification
- Essential Energy approve and issue certified drawings for construction

TIMING AND PROGRAM

Early development of concept designs can help to identify potential issues and may also assist in your Development Application process. It is therefore essential you engage a Level 3 ASP at the earliest possible date in your project, as components of the design and construction can have extended run times that may potentially impact on your design and construction scheduling.

WE ARE HERE TO ASSIST YOU

Call (02) 6652 3283 or email design@goslingelectrical.com.au to discuss your project requirements.

Your Level 3 Design specialist is Tony Freaney | Senior Electrical Designer.