NETWORK DESIGN

NETWORK CONNECTION OR RELOCATION PROCESS - APPLIES TO STANDARD DISTRIBUTION PROJECTS ONLY -



Connection Application

Connection Applicant (CA) submits Connection Application with all connection details including max demand calculations and site plans.

Connection Assessment

Complete initial assessment. Issue connection advice, Contract for Design Related Services (CDRS) Offer, Design stage charges and forms.

within 10 days

Accept Design Contract Review and accept CDRS. Engage an ASP/3, prepare and Submit Proposed Design Scope (PDS)

if required. Pay Design stage charges.

within 45 Days of Offer

Is project classified as S*impl*e **Design Information?** If simple, Ausgrid does not prepare site specific Design Info. ASP/3 uses general

Design Stage Applicant nominates ASP/3 on

Web Portal. ASP/3 prepares and submits complete design package and CDRS Appendix 1. Design Info from Ausgrid's website

Design Certification

Carry out design certification check

21/40 calendar day notices must be expired prior to Certification.

within 10 days*

to CONSTRUCTION

(allow up to 10 days)

Connection or Relocation Offer

Issue Connection or Relocation Offer, including Schedule to the Certified Design.

Advise connection charges. within 10 days

Connection or Relocation Offer Acceptance

Review and accept Offer.

within 45 Days of Offer

Relocation Request

Relocation Applicant submits Network Asset Relocation Request NARR) form complete with all details including site sketch of proposal.

Relocation Assessment

Complete initial assessment. Issue advice, Contract for Design Related Services (CDRS) Offer, Design stage charges and forms within 10 days

Design Information

Assess PDS (if required), Issue site specific Design Information Package (DIP)

within 30 days

Engage ASP/1

Applicant nominates ASP/1 on Web Portal. ASP/1 confirms agreement to undertake Ausgrid funded works (if required).

NETWORK CONSTRUCTION

Preconstruction Meeting

ASP/1 arranges preconstruction meeting with ASP/3, and Ausgrid optional for CA.

10 days min notice

Project Planning and Charges Payment

ASP/1 formulates and agrees critical dates with CA. ASP/1 submits dates to Ausgrid for acceptance.

within 10 days

Commencement Approval Assesses critical date submission.

ensures all connection charges paid and preconditions met. Provide approval for works commencement.

If design issues found during preconstruction or contruction

IMPORTANT: DoA documents and instruments can take 4 weeks for Ausgrid to review and execute. Leases and easements can take 10 weeks. You and your ASP/1 must llow for this processing in your project scheduling.

Ausgrid arranges electrification

In preparation for proposed electrification outage, Ausgrid reserves resources and co-ordinates outage and electrification related ancillary

Date for PE passed

If construction or rectification of major defects have not reached PE 2 weeks prior to the scheduled electrification date, ASP/1 to submit new Operator Request Form with revised date.

4 weeks min additional notice

Construction

ASP/1 undertakes construction ASP/1 Submit Council/RMS/other Permits, Traffic Control Plan(s), DBYD Plans Ausgrid carries out milestone inspections and arranges non electrification network access on request Milestone inspections require 4 days min written notice

Non electrification Clearances To Work – 4 weeks min written notice

Non electrification Access Permits – 6 weeks min written notice

Request for Electrification

If non compliant

ASP/1 submits: TEI sheets, substation testing sheets, Operator Request Form. ASP/1 continues construction. DoA executed by all parties. Proof of arrangement of third party asset transfer, i.e. Telstra, Optus etc/

6 weeks min prior to electrification/

Pre Electrification (PE)

All works to be satisfactorily complete. All remaining Contract requirements to be met. Easements/leases lodged with LRS unless DoA in place, red line diagram submitted, COA (field recordings) complete. No further construction (except minor rectification). Ausgrid carries out PC inspection 2 weeks min prior to electrification

Electrification

(2 Stages for Substations) Stage 1 - Electrification of substation and CM/DD to SPD.

Stage 2 - Electrification of customers private installation/

PRIVATE INSTALLATION

* indicates best endeavour timeframe

Note: All days refer to business days unless noted otherwise.



Customer action



Ausgrid action



Amended to reflect issue to construction period

Engage Electrical Contractor (EC) Applicant nominates EC on Web Portal.

Connection Applicant's Private Installation and Metering

Connection Applicant's private electrical installation design and construction are not part of the ASP/1 connection process.

However, electrification of the ASP/1 works and connection of the premises requires the Connection Applicant to address all private installation technical and safety requirements

Private Installation requirements and documentation review

At least 6 weeks prior to proposed electrification date the following private installation items must be submitted to Ausgrid for initial review:

- Main-switchboard (MSB) installed in final location on site
- Preliminary MSB drawings and site diagram
- Preliminary Private installation protection grading curves and circuit breaker settings
- Preliminary ISMP and Operating Protocol (for HV connections)
- Preliminary Hazard Dossier for private installation (if applicable).

Submitted min 6 weeks prior to electrification

Private Installation – ready for connection

At least 2 weeks prior to proposed electrification date the following private installation items must be complete and finalised to Ausgrid's satisfaction:

- Final Main-switchboard (MSB) drawings and site diagram
- Final Private installation protection grading curves and circuit breaker
- MSB and con-mains installation complete and terminated on site, ready for inspection and energisation

(Ausgrid substations will not be energised without an MSB connected).

- Final ISMP and Operating Protocol (for HV connections)
- Valid CT Metering form(s)
- Valid CCEW and NOSW forms (as applicable)
- Final Hazard Dossier for private installation (if applicable)
- Retailer in place.

Finalised min 2 weeks prior to electrification