

# Accredited Service Provider (ASP)

## Level 3 Guidelines

Date: November 2025

Revision: 0



## Disclaimer

Ausgrid is registered as both a Distribution Network Service Provider and a Transmission Network Service Provider.

This document does not purport to contain all information that a prospective customer/third party would need to complete work near or on Ausgrid Assets.

This document, and the information it contains, may change as the latest information becomes available or if circumstances change.

Anyone proposing to rely on or use the information in this document should independently verify and check the accuracy, completeness, reliability, and sustainability of that information for their own purposes.

Accordingly, Ausgrid makes no representations or warranty as to the accuracy, reliability, completeness, or suitability for purposes of the information in this document. Persons reading or utilising this document acknowledge that Ausgrid and their employees, agents and consultants shall have no liability (including liability to any person by reason of negligence or negligent misstatement) for any statements, opinions, information or matters (expressed or implied) arising out of, contained in or derived from, or for any omissions from, the information contained in this document, except in so far as liability raised under New South Wales and Commonwealth legislation.

## Ausgrid Boundaries

Please find an overview of our Ausgrid Franchise Area Boundary map. This can also be found on the [Ausgrid website](#).

Remember to refer to the '[Look up and Live](#)' website for more information on the electricity grid:

- › An interactive geospatial map
- › Developed to display Australia's above-ground utility network information
- › Includes sourced third-party information

We are committed to working with you as an ASP/3 partner.



# Connections Solutions

Our team sits within the Customer Connections business unit, which is part of Ausgrid's Customer group.

## Who we are

- › Connections Solutions Managers (North, Central, South)
- › Connections Managers (Large Commercial & Industry, Infrastructure, Urban Development, Renewable Energy Zones (REZ))
- › Connections Project Coordinators (CPCs)

## What we do

Facilitate the contestable connection or asset relocation process, from Application through to Electrification.

- › Assess connection applications
- › Provide high-level, detailed design-related services
- › Support a safe, reliable, sustainable and affordable network for our customers



# Purpose of these guidelines

These Guidelines outline the general Terms and Conditions for all contestable electrical connection projects within Ausgrid's network, replacing the Design Information – General Terms and Conditions document.

It provides Ausgrid-authorised **Accredited Service Provider Level 3 (ASP/3) designers** with the essential specifications, requirements, and procedures needed to prepare designs that meet Ausgrid's technical and operational standards.

It applies to a range of projects, including:

- › Network extensions
- › Asset relocations
- › Substation installations
- › Subdivision developments across Ausgrid's service territory.

## Design information documents

Ausgrid design information is provided through two complementary documents:

### ASP/3 Guidelines

This outlines the universal requirements that apply to all contestable projects

### Design Information - Site-Specific Terms and Conditions

Applies to complex or site-specific projects, detailing additional requirements specific to the development location and connection application

**Both documents must be read together to ensure full compliance with all applicable requirements.**



By following these guidelines, you contribute to the safety, reliability, and quality of Ausgrid's network operations.



# Using the guidelines

The Ausgrid Accredited Service Provider Level 3 (ASP/3) Guidelines are structured in five key sections:



Legend



References and links to further information



References/links to Standards and technical documentation

# Table of contents

## Sections

1. Getting Started
2. Project Types
3. Design Standards and Specifications
4. Technical Design Requirements
5. Submissions and Approvals

### 1. Getting Started

Support and Key Contacts	<u>9</u>
Definitions	<u>10</u>
Applying and registering for ASP/3 Authorisation	<u>11</u>
Maintaining authorisation	<u>12</u>
Accessing systems & resources	<u>12</u>
Project Design Information and Classification	<u>13</u>
Site-specific Requirements Determination	<u>13</u>

### 2. Project Types

Subdivisions	<u>15</u>
Single point of connection projects	<u>17</u>
Asset relocation works	<u>17</u>
Street lighting works	<u>18</u>

### 3. Design Standards and Specifications

Connection requirements	<u>20</u>
Infrastructure connections	<u>21</u>
Substation requirements	<u>23</u>

### 4. Technical Design Requirements

Earthing and safe systems	<u>26</u>
Fusing and Protection co-ordination	<u>26</u>
Low-voltage links and switching	<u>26</u>
Asset numbering and labelling systems	<u>27</u>
Fibre optic network integration	<u>27</u>

### 5. Submissions and Approvals

Design preparation	<u>29</u>
Environmental and Regulatory compliance	<u>29</u>
Third-party consents and coordination	<u>29</u>
Asset valuation and cost allocation	<u>29</u>
Design certification	<u>29</u>
Dispute resolution	<u>30</u>


Section 1

# Getting Started





# Support and Key Contacts

Query	Contact Details / Further Information	Services	
General Enquiries	13 13 65	General Services	
Power Outage, Hazard or Emergency	13 13 88 (24-hour hotline)	24-hour line for reporting faults, hazards, or any electrical emergency	
ASP/3 Authorisation	<a href="mailto:asplevel3@ausgrid.com.au">asplevel3@ausgrid.com.au</a>	Authorisation and Reauthorisation enquiries and support, including ASP/3 Training ID inquiries	
Connections Application	<a href="mailto:connectionapplication@ausgrid.com.au">connectionapplication@ausgrid.com.au</a>	<ul style="list-style-type: none"><li>› Basic connections</li><li>› Connection application (under 100amps) that does not require technical assessment</li></ul>	<ul style="list-style-type: none"><li>› Alterations</li><li>› Permanent disconnections</li><li>› Solar &amp; battery applications</li><li>› Loadslips or Schedule of labelling</li></ul>
Contestable Connections	<a href="mailto:contestability@ausgrid.com.au">contestability@ausgrid.com.au</a> <div> All asset number requests must be submitted via email to this email</div>	<ul style="list-style-type: none"><li>› New Connections and modifications to existing connections over 100 Amps</li><li>› New connection and modifications to a PT Pole</li><li>› Preliminary Enquiries</li></ul>	<ul style="list-style-type: none"><li>› Asset Relocations</li><li>› Subdivisions</li><li>› Notification of arrangements</li><li>› Street Lighting</li><li>› Decommissioning of Ausgrid asset</li><li>› ASP/1 &amp; ASP/3 portal and system access</li></ul>
Further information	<a href="#">ASPs and Contractors - Network design</a>	General information for ASP/3s	

ASP/3 designers requiring clarification on ambiguous provisions should contact Ausgrid through their designated point of contact.

# Definitions

Term	Definition
<b>Accredited Service Provider (ASP/1)</b>	As defined in Ausgrid's <a href="#">Standard Connection Services for Contestable ASP/1 Premises Connections no greater than 11kV Offer</a>
<b>Accredited Service Provider (ASP/3)</b>	As defined in Ausgrid's <a href="#">Contract for Design Related Services</a>
<b>Authorised ASP/3</b>	As defined in Ausgrid's <a href="#">ES4 Accredited Service Provider Authorisation</a>
<b>Connection Point</b>	As defined in the <a href="#">Service and Installation Rules of New South Wales</a>
<b>Connection Works</b>	As defined in Ausgrid's <a href="#">Connection Policy</a>
<b>Design Information</b>	As defined in Ausgrid's <a href="#">Contract for Design Related Services</a>
<b>Design Plan</b>	As defined in Ausgrid's <a href="#">NS104 Specification For Electrical Network Project Design Plans</a>
<b>Designer</b>	As defined in Ausgrid's <a href="#">NS104 Specification for Electrical Network Project Design Plans</a>
<b>Extension</b>	As defined in Ausgrid's <a href="#">Connection Policy</a>
<b>Network Standards</b>	<a href="#">Technical documents</a> prepared by Ausgrid that detail design and construction requirements
<b>N-1</b>	Refers to a principle of redundancy and reliability where the system is designed to operate even if one component fails
<b>Point of Attachment (POA)</b>	As defined in the <a href="#">Service and Installation Rules of New South Wales</a>
<b>Point of Common Coupling (PCC)</b>	As defined in the <a href="#">Service and Installation Rules of New South Wales</a>
<b>Ready for Tender (RFT)</b>	Design is certified as RFT to allow the Customer to start the tender process for ASP/1 engagement
<b>Ready for Construction (RFC)</b>	When a design is certified as RFC, a construction offer is issued
<b>Relocation Works</b>	As defined in Ausgrid's <a href="#">Policy - Asset Relocations</a>
<b>WebGIS</b>	Application that provides information from Ausgrid's Geographic Information System

# ASP/3 Authorisation

## 1.1 How to register and apply

<p>The Scheme Rules stipulate that individuals and companies conducting contestable network service work must be registered under the <b>ASP Scheme</b> and authorised by Ausgrid for the specific class of contestable network service.</p> <p>These individuals are referred to as "authorised persons." Each authorised person must be employed by a current <a href="#">NSW Department of Climate Change, Energy, the Environment and Water (DCCEEW)</a> accredited company.</p> <p>ASP/3 individuals seeking Ausgrid Authorisation must apply to Ausgrid using the <a href="#">ASP Authorisation Form</a>, which must be renewed every two years.</p>	<p><b>Step 1</b></p> <p><b>ASP/3 Company &amp; Individual Accreditation</b></p>	<p>An ASP/3 Company must first obtain accreditation with the Department of Climate Change, Energy, the Environment, and Water (DCCEEW) via the <a href="#">ASP Accreditation Scheme</a>.</p> <p>As part of this accreditation, the individual must also be accredited through the DCCEEW under this ASP/3 company.</p>
	<p><b>Step 2</b></p> <p><b>ASP/3 Individual Authorisation</b></p>	<p>Once the ASP/3 company and individual accreditation is complete with the DCCEEW, individuals wanting authorisation to work on or near Ausgrid’s electricity network will require individual Authorisation, by sending through an <a href="#">ASP Authorisation Form</a> to <a href="mailto:ASPLLevel3@ausgrid.com.au">ASPLLevel3@ausgrid.com.au</a>.</p> <p>To complete Authorisation, the applicant will need to:</p> <ul style="list-style-type: none"><li>› Complete the ASP Authorisation Form and sign the terms and conditions within the form.</li><li>› Have read and understood our <a href="#">External Partner Code Of Conduct</a></li><li>› Complete all relevant training (this link will be emailed to the applicant)</li><li>› Send through copies of required documentation and an AFP National Police Check.</li></ul>

[ASP Authorisation Form \(ES4 Cl 13\)](#)



## 1.2 Maintaining ASP/3 authorisation

All requirements for re-authorisation and maintaining authorisation can be found in Section 13 of [ES4 Accredited Service Provider Authorisation](#).

All the documentation required for initial authorisation, are required for subsequent re-authorisation. This process occurs every two years.

Mandatory training needs to be undertaken prior to re-authorisation.

### If required training is not undertaken in a timely manner

**The ASP/3 Authorisation becomes non-compliant.**

This means:

- › The individual is not permitted to perform Level 3 contestable work on Ausgrid’s network
- › Authorisation can be reinstated once training is completed and verified.

Link to the [ASP/3 Learning Portal](#)



## 1.3 Accessing systems and resources

Before beginning any design work, Ausgrid-authorized ASP/3 designers must establish access to Ausgrid's essential systems and resources.

### WebGIS System

Provides:

- › Critical network information
- › Translated extracts in DWG NET CAD External Design Template format
- › Relevant system diagrams & schematics
- › Environmental reports from specialised layers

[WebGIS access](#)



### Ausgrid Connection Portal

Enables management of your connection projects and transactions.

[Ausgrid Connection Portal](#)



### Ausgrid Better Connected Portal

Portal for submitting Connections applications

[Ausgrid Better Connected Portal](#)



Please ensure you have access to all current forms, templates and technical standards (available on the [Ausgrid website](#))



### 1.4 Project Design Information classification

Ausgrid categorises contestable projects into three distinct Design Information classifications that determine the level of design information required.

**Simple**  
Design  
Information

**Projects include:**

- › Basic low-voltage extensions
- › Streetlight modifications
- › Subdivision stages following approved master plans
- › Straightforward asset relocations, no connectivity changes

**Standard**  
Design  
Information

**Projects include:**

- › Multiple substation installations
- › Standard chamber substations
- › High-voltage customer connections
- › Initial subdivision stages

**Complex**  
Design  
Information

**Projects include:**

- › Sydney CBD chamber substations
- › Major relocation works with connectivity changes
- › Specialised underground works in commercial districts

### 1.5 Site-specific requirements determination

This becomes necessary when projects involve unique technical challenges, complex network interactions, or specialised equipment requirements.

**Ausgrid will:**

- › Evaluate each project individually
- › Determine the need for site-specific documentation for all Standard and Complex projects, or any project with unique constraints
- › Encourage submission of a Proposed Design Scope (PDS) to assist in this classification



Section 2

# Project Types

# Project Types

## 2.1 Subdivisions

Subdivision developments are a common form of contestable work. All multi-staged subdivisions require a comprehensive master plan showing:

- › HV cable routes, substation locations
- › Connections to the existing network
- › HV loop staging
- › Estimated timeframes

**i** Ausgrid will not certify the initial stage until this master plan is approved

### 2.1.1 Underground Residential Subdivisions (URD)

URD projects require the installation of ‘L’ type kiosk substations to meet load requirements.

- › HV mains to new substations
- › LV mains to each allotment
- › Street lighting compliant with the public lighting customer's needs

**After-Diversity Maximum Demand (ADMD) value** is used for load calculations and varies by region (*detailed in the table shown to the right*). This is only applicable to Underground Residential Developments (i.e., not rural, commercial, or industrial subdivisions).

After-Diversity Maximum Demand (ADMD) Value

Area	ADMD Value
Upper Hunter	5.0kVA
Hunter	3.5kVA
Central Coast	3.5kVA
Sydney – North	3.5kVA
Sydney - South	3.5kVA

2.1.2 Rural Subdivisions

Rural subdivision designs must provide reticulation to each allotment based on its size. Specific voltage requirements are outlined in the table to the right.

Where HV mains are required and public roadway access is not available, the customer must provide Ausgrid with property rights over a viable mains route as per Note 2.

- › **Note 1:** It may be optional to supply the nominated voltage, but the final design may require it. The Customer can also direct the designer to provide it.
- › **Note 2:** Where access to the HV network is not available via public roadway, the customer must provide property rights over private lands for a viable mains route.

Proposed Allotment / Building Envelope Size	Low Voltage	High Voltage
Less than or equal to 4Ha	Yes	Optional Note 1
Greater than 4Ha and less than or equal to 40Ha	Optional Note 1	Yes
Greater than 40Ha	Optional Note 1	Optional Note 1 Note 2

2.1.3 Commercial and Industrial Subdivisions

- › These subdivisions require both HV and LV underground mains to service each allotment
- › Kiosk substations for multiple customers must be ‘L’ type
- › ‘KK’ type kiosks are restricted to dedicated single-customer sites
- › The design must comply with but is not limited to [NS112](#)

[NS112](#)





## 2.2 Single point of connection projects

These projects, including multi-tenanted developments and commercial connections, may involve:

- › Upgrading an existing substation
- › Establishing a new substation
- › Extending mains

**If the number of kiosk substations exceeds two,** a chamber substation must be established.

**For 11kV customers,** a High Voltage Customer (HVC) unit must be installed per [NS195](#).

**Kiosk and chamber substations** require a loop-in, loop-out configuration unless a radial connection is approved by Ausgrid prior to design.

[NS195](#)



[NS290](#)



## 2.3 Asset relocation works

Asset relocation projects must comply with Ausgrid's Asset Relocation Policy.

### The ASP/3 designer must:

- › Secure written agreement from all affected parties
- › Include this evidence in the design package and the Summary Environmental Report (SER)

### Note:

- › Asset relocations not related to the development connection require a separate application
- › Major asset relocations are generally outside the scope of this general document and require more specific design specifications

[Relocation Policy](#)



## 2.4 Streetlighting works

Public street lighting is operated and maintained by Ausgrid on behalf of Public Lighting Customers, who are technically the road authority.

### ASP/3 Designers must:

- › Design in compliance with [NS119](#) Public Lighting Design and Construction, and applicable references throughout
- › Design specifying only new equipment listed in [NS119 Annexure](#) – Standard Equipment List. Equipment is not ratable and cannot be reused
- › Provide Design approval from the public lighting customer
- › Accept all costs associated with a Contestable project and the residual value of equipment, where applicable
- › Include this evidence in the design package and the Summary Environmental Report (SER)

### Public Lighting customers must:

- › Specify design standards and material requirements
- › Either request or formally approve proposed Design
- › Specify required compliance or noncompliance with **AS1158** – Lighting Design Roads and Public Places

[NS119](#)



Ausgrid’s [Public Lighting Management Plan](#) outlines how projects are processed by scope:

#### Contestable

- › More than 10 overhead supplied assets are to be altered or installed
- › Or a combination of both, to a max. of 10
- › Or where works are underground-supplied

#### Minor Capital

- › Less than 10 alterations on overhead-supplied assets defined in NSW Public Lighting Code
- › Applications for Minor Capital works **MUST** only be submitted by the public lighting customer

Streetlighting works can be driven by third-party development or needs identified by a public lighting customer.

Glare control complaints will be processed in relation to the scope of works required. Please refer to the [Public Lighting Management Plan](#).

#### Development-driven projects

Typically, lighting installed as part of:

- › Residential subdivisions
- › Commercial developments
- › Roadworks or asset relocations

#### Public lighting driven projects

Typically, lighting is installed where:

- › Additional/new lighting required to improve amenity
- › New traffic features are installed *e.g. pedestrian crossings or refuges*
- › Inadequate lighting has been identified

[Public Lighting Management Plan](#)



## Section 3

# Design Standards and Specifications

## 3.1 Connection Requirements

### 3.1.1 Determining a connection point

**i** A connection point is the nearest suitable location on Ausgrid's existing network.

While the applicant may propose a point, Ausgrid retains the right to determine the final location based on network capacity, safety, and operational requirements.

### 3.1.2 N-rated connections

**i** N-rated connections are established by agreement, subject to load shedding during network contingencies.

Customers with N-rated connections may also face supply interruptions for planned works, with notice provided under the **National Energy Customer Framework** (NECF).





## 3.2 Infrastructure Connections

### 3.2.1 Overhead constructions

- › Requires heavy vehicle access at all pole positions
- › When HV conductors are removed - but LV conductors remain on a pole – the design must include lopping and capping to adjust the pole to the appropriate LV height

### 3.2.2 Underground constructions

- › **Must adhere to strict standards** for conduits, pillars, and footpath allocation
- › **Low-voltage pillars** must comply with [NS224](#) in commercial areas and [NS110](#) elsewhere
- › **Footpath allocations** must follow [NS130](#)
- › **Any use of existing spare conduits** requires prior Ausgrid approval and verification of depth and condition

[NS224](#)



[NS110](#)



[NS130](#)



**Conduit requirements apply - please see the table on the right.**

Conduit Type	Conduit Requirements
Fibre Optic	In a strategic area, one spare 63mm conduit must be added to all 11kV trenches
High Voltage (11kV)	One spare HV conduit for each 11kV cable Minimum size is <b>150mm</b>
Low Voltage (URD)	One spare LV conduit with any LV route Minimum size is <b>125mm</b>
Low Voltage (Commercial)	Two spare LV conduits on each side of the roadway Minimum of four at road crossings
Kiosk Substation (Remote)	<b>HV:</b> Minimum 4 x conduits (2 x cable + 2 x spare) <b>LV:</b> Conduits for all distributors, plus 1 x spare for each potential distributor, plus 1 x additional spare <b>Fibre:</b> 1 x conduit (if applicable)
Chamber Substation	Refer to the conduit table in <a href="#">NS113</a>

[NS113](#)



3.2.3 Cable and conductor

- › Minimum cable and conductor sizes must be used
- › If existing assets are larger, an equivalent size is required

Type	Minimum Cable/Conductor Specification
11kV Underground	11kV 400 AL3 polymeric cable (refer to <a href="#">NS177</a> for termination) For NSA1420 locations: 11KV 300CU1 triplex cable
Low Voltage Underground	Refer to <a href="#">NS110</a> and <a href="#">NS112</a>
Street Lighting Underground	Refer to <a href="#">NS110</a> , <a href="#">NS112</a> , and <a href="#">NS119</a>
SCADA / Telecontrol UG	UGFO - 60 Fibre Nylon Jacketed Dry Core Cable
11kV Overhead - Urban	Mercury 7/4.50 AAC
11kV Overhead - Rural	Apple 6/1/3.00 ACSR

- [NS177](#) 
- [NS110](#) 
- [NS112](#) 
- [NS119](#) 



# 3.3 Substation Requirements

## 3.3.1 Pole-mounted substation standards

Pole-mounted substations must be selected from the [NS122](#) master list e.g. 1A, 2A, 3A, 4A, 6A, 7A, 8B, 9A, 10A, 12A, 14A, 15A.

[NS122](#) 

Fusing must comply with the table below:

Pole-Mounted Substations	High Voltage Fuse	Maximum Low Voltage Fuse
1ph (11kV/500-250) - 16KVA	10KA NGK Fuse Link	100amp GEC / DS-Siem / MEM / Eaton
1ph (11kV/500-250) - 25KVA	10KA NGK Fuse Link	200amp GEC / DS-Siem / MEM / Eaton
1ph (11kV/500-250) - 63KVA	16KA NGK Fuse Link	300amp DS-Siem or 315amp MEM / Eaton
3ph (11kV/433) - 25KVA	10KA NGK Fuse Link	100amp GEC / DS-Siem / MEM / Eaton
3ph (11kV/433) - 63KVA	10KA NGK Fuse Link	200amp GEC / DS-Siem / MEM / Eaton
3ph (11kV/433) - 100kVA	16KA NGK Fuse Link	200amp GEC / DS-Siem / MEM / Eaton
3ph (11kV/433) - 200kVA	31.5KA NGK Fuse Link	400amp GEC / DS-Siem / SIBA / MEM / Eaton
3ph (11kV/433) - 400KVA	63KA NGK Fuse Link	600amp GEC / DS-Siem / MEM / Eaton *
SWER 12.7kV: 5-10kVA	3KA S&C SMU Fuse Link	100amp MEM / Eaton
SWER 12.7kV: 15-25kVA	6KA S&C SMU Fuse Link	100amp MEM / Eaton

[NS109](#) 

 accordance with NS109 the maximum rating fuse on an overhead low voltage network or distributor is 400amps.

### 3.3.2 Kiosk Substation Installations

Kiosk substation sites requiring vehicle protection must have an increased easement area.

Fusing must comply with the following specifications:

LV Fuses		HV Fuses	
Distributor Type	Low Voltage Fuse Elements	kVA Rating	High Voltage Fuse
Schneider SAIF - 400amp	400amp 92mm centres Bell / MEM “J”	400kVA with 400amp LV fuses	40amp SIBA 30.020.93
Schneider SAIF - 800amp	400/630/800amp 92mm centres Bell / MEM “J”	400kVA with 600amp LV fuses	50amp SIBA 30.020.93
Schneider SAIF - 2000amp	1000/1200/1600amp Alstom "T" type	600kVA	80amp SIBA 30.020.93.80

### 3.3.3 Chamber Substation Design

- › Standard single transformer surface chamber substations must follow Ausgrid drawings **224407** and **224408**
- › Multi-transformer chambers have no standard drawings and must be designed with reference to [NS113](#), [NS114](#) and [NS149](#).
- › The ASP/3 must submit the proposed electrical design early to facilitate the approval of architectural drawings

[NS113](#)



[NS114](#)



[NS149](#)



### 3.3.4 High Voltage Customer Substations

HVC substations must be provided by the customer as detailed in [NS195](#). Approved options include:

- › Pole-mounted 33kV NOJA Recloser (**Drawing 258087**)
- › 11kV NOJA Recloser (**Drawing 258068**)
- › Schneider R-Type HVC Kiosk (**Drawing 258017**)
- › Lucy Sabre RMICB within a chamber

[NS195](#)





Section 4

# Technical Design Requirements

### 4.1 Earthing and safe systems

If WebGIS does not specify a Standard Minimum Earthing (SME) design, a **Site-Specific Earthing Report (SSER)** is required for equipment listed in [NS116](#).

- › The ASP/3 designer must submit **soil resistivity readings** and an **Earthing Information Sheet** to Ausgrid for the SSER to be completed
- › All earthing requirements must be detailed in the **NETCAD** design

[NS116](#) 

### 4.2 Fusing and protection coordination

If substation fusing cannot be determined during the design phase, Ausgrid will determine the required fusing and advise the ASP/1 during the electrification stage.

### 4.3 Low-voltage links and switching

LV link asset numbering requirements vary by geographic area. All pole-mounted LV links require individual asset numbers.

For underground reticulation, the requirements are as follows:

Area	Link Numbers required on Design	Link Numbers required in Field
Hunter Area	YES for most link pillars (single, double, <a href="#">NS224</a> )	YES
Central Coast	NO	Only normally open LV links
Sydney - North	Only normally open LV links	Only normally open LV links
Sydney - South	NO	Only normally open LV links

[NS224](#) 

## 4.4 Asset numbering and labelling systems



### To obtain Asset Numbers

ASP/3 designers must email a completed **Asset Number Request** to [contestability@ausgrid.com.au](mailto:contestability@ausgrid.com.au)

### Distribution centres:

- › Must follow [NS158](#) for labelling
- › HV feeders labelled sequentially with suffixes (e.g., /A, /B)
- › LV distributors numbered sequentially (1, 2, 3).

[NS158](#)



## 4.5 Fibre optic network integration

Any work involving Ausgrid's fibre optic network requires early consultation.

- › **For underground work in strategic areas**  
1 x spare 63mm conduit is required in all 11kV trenches
- › **Underground**  
Standard cable UGFO - 60 Fibre Nylon Jacketed Dry Core Cable
- › **Overhead**  
60 Optical Fibre ADSS PE cable or OPGW



Section 5

# Submissions and Approvals

### 5.1 Design preparation

Design submissions must:

- › Use the latest version of the NETCAD External Design Template (accessible through WebGIS)
- › Include the current version of the [Asset Valuation Spreadsheet \(AVS\)](#)
- › All designs must be complete and compliant with relevant [Ausgrid Network Standards](#)

### 5.2 Environmental and Regulatory compliance

ASP/3 designers must submit a **Summary Environmental Report (SER)** via the [Ausgrid Connection Portal](#) (SER module) in line with [NS104](#) and [NS174](#).

SER must address the handling of potential hazardous materials, including:

- › Asbestos (details in the WebGIS Asbestos Register) [NS104](#) 
- › PCBs in oil-filled equipment [NS174](#) 
- › CCA-treated poles

### 5.3 Third-party consents and coordination

Written consents from all impacted parties (Councils, utilities, landowners) must be obtained as outlined in [NS104](#) and [NS174](#). Proof of these arrangements must be submitted with the design for certification.

### 5.4 Asset valuation and cost allocation

Design submissions must include a completed [Asset Valuation Spreadsheet \(AVS\)](#).


**Final apportionment of costs between the customer and Ausgrid:**

- › Determined by the [Ausgrid Connection Policy](#).
- › Detailed in the Schedule to the Certified Design.

### 5.5 Design certification

Completed designs must be submitted via the [Ausgrid Connection Portal](#).

Designs are certified as:

- 1. Ready for Tender (RFT)**  
Allows ASP/1 engagement and organisation of the Pre-Construction Meeting. ASP/3 attendance is required as outlined in [ES4](#). [ES4](#) 
- 2. Ready for Construction (RFC)**  
Triggers a construction offer  
Ausgrid does not review or approve preliminary designs.



**ASP/3 documentation and templates required to prepare and submit contestable designs can be found on [Ausgrid’s Network Design](#) under [ASP/3 Design Processes Documentation & Templates](#)**

# Dispute resolution

## Initial consultation

The dispute resolution procedures are specifically for Accredited Service Providers Level 3 (ASP/3). They address disagreements regarding corrective or disciplinary actions taken by Ausgrid related to defective contestable work under the Ausgrid Service Provider Authorisation scheme, as detailed in publication [ES4](#).



**If an ASP/3 needs clarification after receiving an initial notification from Ausgrid, please contact us to arrange an interview and discuss further.**

## Internal review

If an ASP/3 wishes to dispute a decision or action imposed by Ausgrid, they may submit a written request for a review within five business days of receiving the initial notification.

**This request should include the reasons for seeking the review and must be directed to the Authorisations Group.**

## Authorisation Dispute Resolution Mechanism

Ausgrid reserves the right to suspend, cancel, or refuse ASP Authorisation as part of the agreements for Authorisation. We encourage ASP/3s to instigate their own investigation, corrective, or disciplinary actions and share these with Ausgrid to enable fair and reasonable actions to be determined.

**The mechanism for resolving disputes involving accreditation are detailed in the regulation and the Scheme Rules.**

## Alternative dispute resolution: Mediation and/or Arbitration

If all reasonable steps have been exhausted to resolve the dispute, then the dispute or difference rising out of or in connection with the decision will be submitted to mediation and/or arbitration in accordance with, and subject to, **The Institute of Arbitrators and Mediators Australia (IAMA) Arbitration Rules.**



Please visit the [Resolution Institute](#) for further information

[Contract for Design Related Service](#)





# Thank you

Please contact **Ausgrid Connections Solutions** if you have any questions, or if you identify any issues with this document.

