

Code Of Practice Update

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Scottish & Southern
Electricity Networks

Significant Changes

- Dedicated “Secure Area” and information
 - POC Self Identification

- Restructure to facilitate Competition

Power cuts

Connections

Access through the 'Connections' tab

Connection requests

- Connections home
- For small projects
- For developers
- Moving your connection
- Generation connections
- Unmetered connections
- For ICPs and IDNOs

Connections information

- Quick estimate
- Connections - you have a choice
- Our plans and commitments
- For contractors
- Disconnecting electricity supplies
- Long term development statements
- Generation availability map
- Network capacity map

Connections help

- Connections help home
- Useful documents
- FAQs
- Ask a question
- Connection design services
- Guaranteed standards
- Connections engagement publications



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Competition in connections - for ICPs and IDNOs

When customers have a choice, competing providers are naturally driven to deliver a better service. We continue to work with Ofgem and ICPs to identify and implement further scope of works that can be opened up to competition.

If you have the appropriate NERS accreditation and have been engaged by a client to deliver their new connections, we can provide you with the necessary non-contestable services.

If you would like to find out more about gaining the necessary accreditation to compete for new connections work, please visit the [Lloyds Register Website](#). Our simple [diagram](#) illustrates the high level process for opening up the connections market.

Access to specifications, network information and GIS

[Online documentation](#)

Information and data specifically for registered alternative providers - Independent Connection Providers (ICPs) and Independent Distribution Network Operators (IDNOs).

'For ICPs and IDNOs' tab

Specifications, Network Information and GIS

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Alternative Provider Network Information

Welcome to Scottish and Southern Electricity Networks website providing network information and data specifically for use by registered Alternative Providers - Independent Connection Providers (ICPs) and Independent Distribution Network Operators (IDNOs) - to enable design analysis to determine a suitable Point of Connection (POC) to our electricity distribution network.

Useful links

- [➤ For ICPs and IDNOs](#)
- [➤ Connections FAQs](#)
- [➤ Guaranteed Standards](#)
- [➤ Our Plans and Commitments](#)

[G81 Design, Specification and Operational Documents](#)

[Network Geographical Information System \(GIS\)](#)

[HV Network Schematics](#)

[POC Self Identification Matrix & Self Design Approval Guidance](#)

[Network Rating and Loading Information](#)

GIS Access

Street Name	Locality	Town	County	Geographic
Dunkeld Road		PERTH	Perthshire	Goto
Dunkeld Road		PERTH	PERTH	Goto
Dunkeld Road	Bankfoot	PERTH	Perthshire	Goto

Starting Record	Requested	No. of Records Displayed	Total No. of Records	Last
1	10	3	3	True

Navigation: Pan, Zoom (Scale: 1:250), Close

Mode: Pan

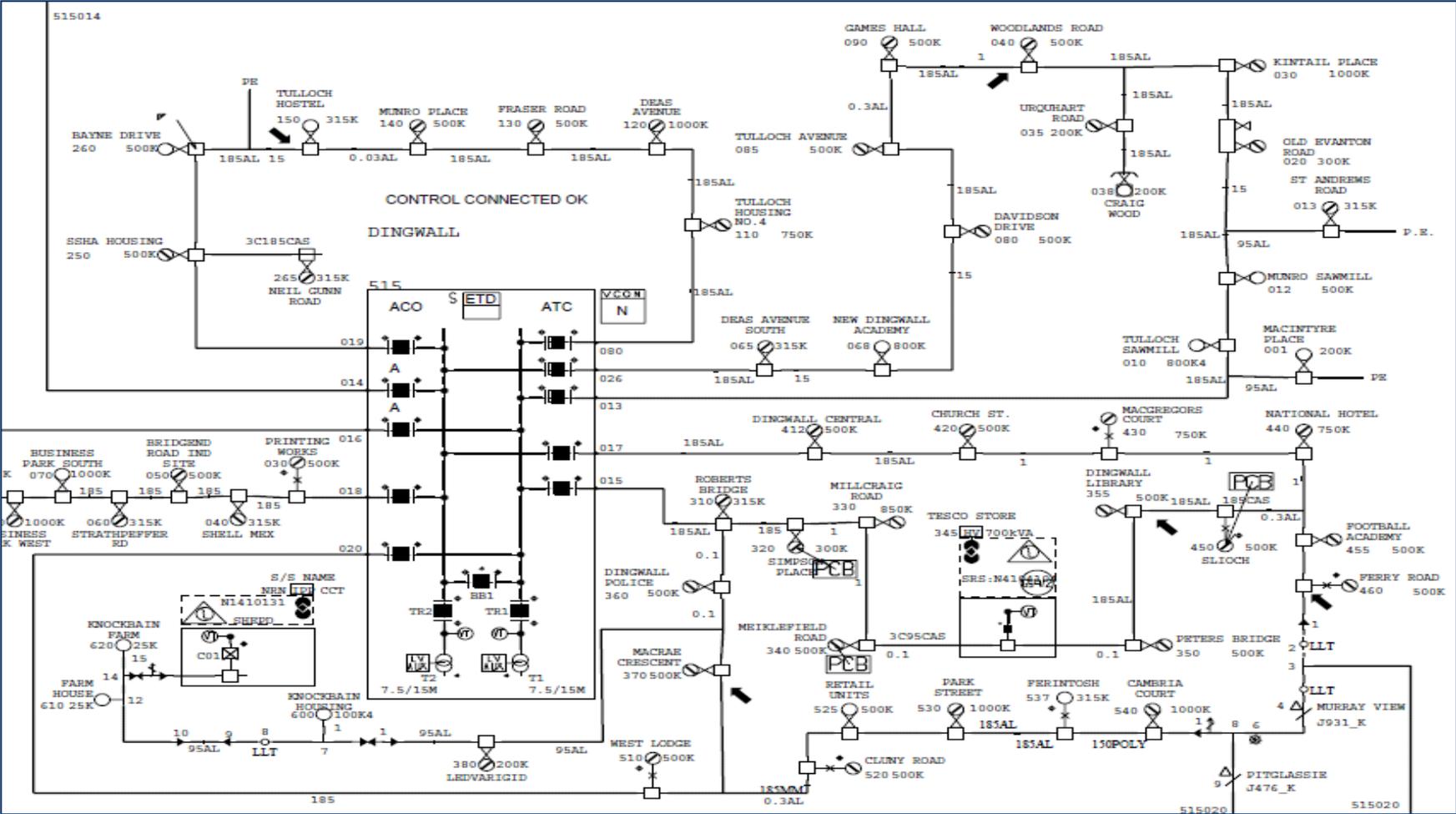
Layer: All Voltages

Gazetteer: Goto, Type: Street Name, Street: dunkeld road, Town: perth

Plotting: Plot, Template: A3, Type: Current Layer, Title 1: , Title 2:

Map Status: Centre: NO 0648 3587, Scale: 1:250, Layer: [500], Width: 102m, Height: 63m

HV Network Schematics



Network Rating & Loading Information

Scottish Hydro Electric Power Distribution

Primary Transformer, HV Feeder and Distribution Transformer Rating, Load and Fault Level Data for POC Assessment

NRN	Primary (Source) Substation	Customers	Rating (MVA)	Demand (MVA)	Fault Level (kA)
272	NORTH MUIRTON	1,384	10.0	6.7	13.1

NRN	HV Feeder	Customers	Summer (Amps)	Autumn (Amps)	Winter (Amps)	Spring (Amps)
004	HOLIDAY INN	18	Unknown	Unknown	Unknown	Unknown

NRN	Distribution Transformer	Customers	Rating (kVA)	Demand (kVA)
003	HOLIDAY INN	3	800	216

NRN	LV Feeder	Customers
03	No Name	1

Complete Network Reference Number (NRN) details below to populate these data fields

Network Reference Number (NRN) Identify Tool using Address Details

Enter postcode and house number of a nearby property below

Postcode (please use spaces)

House Number

If no house number, use postcode only and confirm LV NRN using GIS / HV schematics

Resulting NRN now enter into NRN Selector opposite

Network Reference Number (NRN) Selector

To identify NRN, use GIS / HV schematics. Alternatively us tool opposite

To view required transformer and circuit loads, please enter NRNs below

enter Primary (Source) Substation NRN (3 digit numeric code)

enter HV Feeder NRN (3 digit numeric code)

enter Distribution Transformer NRN (3 digit numeric code)

To view LV feeder details, please include LV Feeder NRN below

enter LV Feeder NRN (2 digit numeric code)

Notes: Please ensure compliance with G81 Planning and Design documentation when assessing network loading conditions
 Pole Mounted Distribution Transformers are not fitted with load indicators. Load is to be estimated as per Planning and Design documentation.
 LV Feeders are not fitted with load indicators. Load is to be estimated as per Planning and Design documentation.
 The authorised capacity for maximum demand customers connected at LV (normally >69 kVA) must also be considered.

Apply On-Line

www.ssepd.co.uk/connections



Powering our community

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Competition in connections - for ICPs and IDNOs

When customers have a choice, competing providers are naturally driven to deliver a better service. We continue to work with Ofgem and ICPs to identify and implement further scope of works that can be opened up to competition.

If you have the appropriate NERS accreditation and have been engaged by a client to deliver their new connections, we can provide you with the necessary non-contestable services.

If you would like to find out more about gaining the necessary accreditation to compete for new connections work, please visit the [Lloyds Register Website](#). Our simple [diagram](#) illustrates the high level process for opening up the connections market.

- [Visit the Lloyds Register website](#)
- [Land Rights Requirements and Documentation](#)
- [Connections useful documents](#)
- [Entering the electricity connections market](#)

Our network adoption process

View our flow chart illustrating the adoption process for contestable works.

↓ [View our process](#)

Alternative providers register

We understand that opening the market to competition will be highly beneficial to customers, ensuring that their connections are delivered in a safe, timely and cost effective manner. We also know that ensuring customers are aware of their choice guarantees they can take full advantage of this. Therefore, we are committed to facilitating an open and competitive market.

If you are happy to appear on our website, once you have registered, our customers will then be able to more easily search for those that could offer them an alternative quotation in delivering their project.

➤ [Register as an alternative provider in our area](#)

Access to specifications, network information and GIS

➤ [Online documentation](#)

Information and data specifically for registered alternative providers - Independent Connection Providers (ICPs) and Independent Distribution Network Operators (IDNOs).

Contact us



Email

nc.connections@sse.com

ICP application

Make an application for an electricity network connection you wish us to adopt. Please ensure you download the application form before continuing with your online application.

↓ [Download application form](#)
➤ [Online application](#)

From the moment you are determining the point of connection. Please refer to our **POC Self Identification and Self Design Approval Guidance Note** before continuing with your application. It explains when you can determine your POC and also when you can approve your own on site design, if applicable. **This guidance note can be found on our secure website once you have logged in.**

➤ [Access our specifications and network information](#)
➤ [Online notification for self-identified POC](#)

IDNO application

Make an application for an electricity network you wish to connect to our network. Please ensure you download the application form before continuing with your online application.

↓ [Download application form](#)
➤ [Online application](#)

From the moment you are determining the point of connection. Please refer to our **POC Self Identification and Self Design Approval Guidance Note** before continuing with your application. It explains when you can determine your POC and also when you can approve your own on site design, if applicable. **This guidance note can be found on our secure website once you have logged in.**

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Scottish & Southern Electricity Networks

On-Line POC Application Form

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You are applying to specify the point of connection to our network

- 1 Contact details and address
- 2 Development details
- 3 Supporting documents
- 4 Summary

Application set up

NRN is the Network Reference Number which you determine from looking at our network configuration. The NRN is mandatory: We need this in order to check for other applicants connecting to the same transformer or feeder that might affect the capacity available to you.

* NRN Primary Substation

* NRN HV Feeder

* NRN Secondary Substation

* Total Load

 kVA

* Grid reference

* Job description

Used 0 of 2000 characters

Save your progress now so the details you have entered will be available to you next time you login.

Save progress

Back

Next

Need some help?

England

- > Call us on: 0800 048 3516
- > Write to us at:
Connections and Engineering
Walton Park
Walton Road
Cosham
PO6 1UJ
- > Email us on:
connections.south@sse.com

Scotland

- > Call us on: 0800 048 3515
- > Write to us at:
Connections and Engineering
Inveralmond House
200 Dunkeld Road
Perth
PH1 3AQ
- > Email us on:
connections.north@sse.com

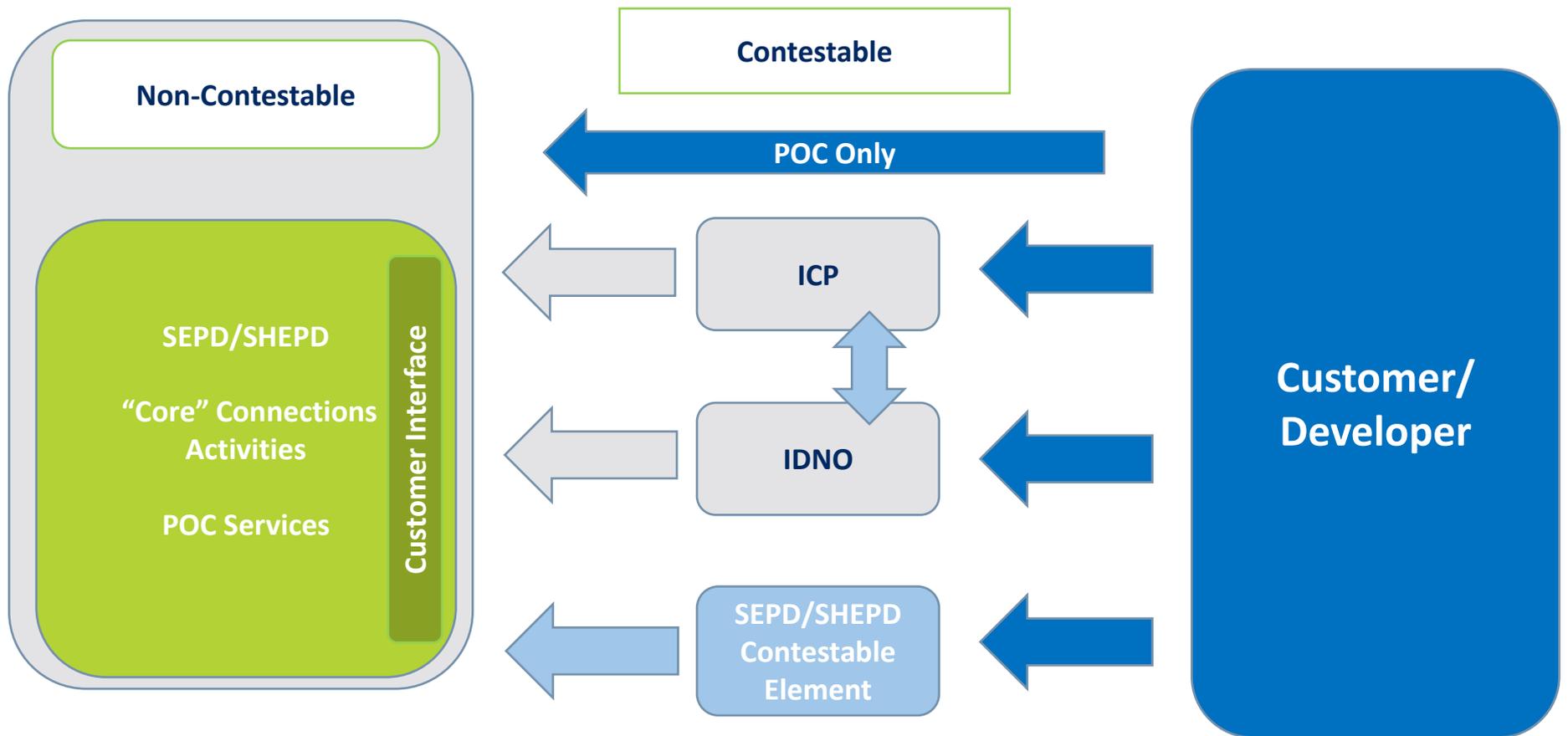
POC Self Identification - Experience to Date

- Specific NERs accreditation is now in place
- A number of ICPs expressed an interest
- Some to identify their own POCs
- Others simply to be better informed when discussing their project with their customer
- SSEN has run a number of ICP Workshops – well attended by ICPs, Consultants and IDNOs
- SSEN has also provided a number of One-to-One ICP meetings to talk through the information and processes

Restructuring to Facilitate Competition

- Dedicated “Contestable” and “Non-Contestable” Teams
- Common Access and Common Information across SSEN’s Contestable Teams and external ICPs/IDNOs
- Clear signal to end Customer around choice and parity

Delivering Transparency and Customer Choice



A new identity

- Simplifying things for our customers

Our old brand – did not clearly incorporate our Transmission business:



Scottish Hydro Electric
Power Distribution
(SHEPD)

Southern Electric Power
Distribution (SEPD)

Scottish Hydro Electric
Transmission (SHE
Transmission)

Our new brand – uniting our businesses:



Powering our
community