

# **Company Directive**

## **STANDARD TECHNIQUE: NC2L**

## Relating to Independent Connection Provider (ICP) High and Low Voltage Connections under ICP DSRs

## **Policy Summary**

This document describes the process that should be adopted to ensure that WPD and ICP staff meet the requirements of the Adoption and Distribution System Access Agreement which must be implemented between WPD and an ICP where the ICP is to carry out high voltage (greater than 1000 Volts but less than 22kV) and live low voltage (less than 1,000 Volts) mains and service connections for metered and unmetered connections.

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**Implementation Date:** 

December 2012

Approved by

Nul Twe

Design and Development Manager

23/10/12

Date:

Document Revision & Review Table				
Date	Comments	Author		
21/3/2013	• Paragraphs 1.11 and 2.5.3 have been amended in relation to which party sets up and restores WPD's network as required for the agreed outage.	Mike Smith		

Page inserted 21 March 2013

## 1.0 INTRODUCTION

- 1.1 The advent of Competition in Connections in 1995 means that a customer no longer has to depend on the host DNO providing all new connection works. Certain activities are contestable which means that a third party (the "Independent Connection Provider" or "ICP") could be appointed to carry out this work.
- 1.2 The aim of this document is to ensure that WPD does not restrict, distort, or prevent competition in the distribution of electricity and to ensure that WPD and the Independent Connection Provider (ICP) comply with their obligations under the Adoption and Distribution System Access Agreement in place between WPD and the ICP.
- 1.3 The arrangements apply to high voltage (underground works only) and <u>live low</u> voltage mains and service connections for metered and unmetered connections (overhead and underground).
- 1.4 Where an ICP elects to carry out such connections, there shall be an Adoption and Distribution System Access Agreement (the "Agreement") in place between WPD and the ICP and all conditions precedent have been met.
- 1.5 All ICP works shall be undertaken in compliance with the relevant ICP's DSRs. However, the ICP DSRs must take account of all appropriate WPD techniques, policies and procedures and shall ensure that all contestable connection works are compliant with the Specification referred to in Appendix J.
- 1.6 Prior to requesting permission from WPD to make a connection to WPD's existing distribution system, the ICP shall confirm that all its obligations under the Agreement have been complied with.
- 1.7 The ICP shall be accredited under the National Electricity Registration Scheme (NERS) with the appropriate scopes covering the work they wish to undertake. The NERS scheme is currently administered by Lloyds Register. The ICP shall have staff with adequate and recognisable CVs, training records and authorisations in accordance with the ICP's DSRs.
- 1.8 The processes described in this document apply to ICPs working under their own DSRs. This means that, for the purposes of this document, WPD DSRs, authorisations, approved equipment and tools which may be referenced in any of the WPD documents specified in this document refer to the ICP equivalent DSR, authorisation, tools or equipment for which the ICP shall be solely responsible.
- 1.9 <u>For low voltage</u>: emergency works and faults are excluded from this process.
- 1.10 For low voltage: works involving overhead connection are included
- 1.11 For high voltage works:
  - Dependent on the complexity of the network and by mutual agreement, a WPD or ICP authorised person shall conduct HV switching to set up and restore WPD's HV network as required for the agreed outage under the direction of a WPD Central Control Engineer working to an agreed WPD switching schedule.
  - The ICP shall de-energise and re-energise the agreed section of the distribution network under the direction of a WPD Central Control Engineer working to an Approved WPD switching schedule.
  - The ICP's Senior Authorised Person or a Field Control Engineer may also conduct in agreement with WPD Central Control cable identification checks (including cable injection techniques), pre and post outage phasing and commissioning checks working to WPD's Policies and Standard Techniques.

- Faults and emergency works are excluded other than those required to be carried out by the ICP to correct failures associated with their works.
- 1.12 <u>For high voltage:</u> works involving overhead connections are excluded.

## 2.0 **RESPONSIBILITIES AND PROCESS**

- 2.1 Prior to WPD allowing an ICP to carry out any physical works WPD must ensure that the ICP:
  - holds appropriate accreditation under the NERS;
  - has Partial Accreditation in WPD's distribution area or nationally applicable Full Accreditation.

## 2.2 New ICP Enquiry and Operative Authorisation Process

- 2.2.1 Any initial enquiry to carry out work under this process shall be referred initially to the policy team at Avonbank.
- 2.2.2 any operatives who are required by the ICP to carry out physical work on WPD's distribution system shall:
  - hold a current NERS passport or an approved alternative with the relevant scopes and accreditation;
  - be suitably competent and authorised by the ICP for the various stages of the intended works or activity under the ICP's DSRs and;
  - have received basic health and safety training (i.e. avoidance of danger and risk assessment) and emergency first aid training including resuscitation.
- 2.2.3 In order to participate in this process the ICP shall either:
  - be Fully Accredited, with an Adoption and Distribution System Access Agreement in place and the ICP operatives must have appropriate Lloyd's scopes and accreditations or;
  - where the ICP holds only Partial Accreditation the ICP shall also follow the appropriate NERS process leading to Full Accreditation.

## 2.3 ICP Responsibilities

- 2.3.1 Appendices C and D detail the process to be followed by the ICP.
- 2.3.2 The ICP shall for low voltage works:
  - carry out all Contestable Connection Works in accordance with all applicable WPD and Connection Provider's policies, procedures and applicable legislation;
  - where works are proposed to be undertaken on WPD's distribution system, provide an LJNC (a Live Jointing Notice of Connection (LJNC) that is in the form of a spreadsheet a sample of which can be accessed via the link in Appendix A) on the Monday one week prior to the works commencing. The LJNC may contain up to one weeks proposed work (i.e. Monday to Sunday) and where extensions or new connections are proposed this notification shall include a plan illustrating the proposed works (a plan is not required for transfers or disconnections). The LJNC may contain multiple submissions but each submission must be by street or adjacent street for unmetered connections or scheme for metered connections;
  - complete works in the week proposed in the LJNC;

- provide directly to WPD's Records Team a completed LJCC (a Live Jointing Connection Certificate (LJCC) that is in the form of a spreadsheet a sample of which can be accessed via the link in Appendix B) on the second Monday following the week of proposed works. The LJCC must include a plan on a WPD background (EMU) for all completed works including transfers and disconnections and an ICP Service Information Form (Appendix I).
- 2.3.3 The ICP shall for high voltage works:
  - carry out all works in accordance with all applicable WPD techniques, policies and procedures and shall ensure that all contestable connection works are compliant with the Specification referred to in Appendix J;
  - carry out all Contestable Connection Works in accordance with all applicable WPD and Connection Provider's policies, procedures, and applicable legislation;
  - where works are proposed to be undertaken on WPD's distribution system, provide an HVNC (that is in the form of a spreadsheet a sample of which can be accessed via the link in Appendix A) that provides WPD with a minimum of 20 Working Days notice prior to the date of planned works;
  - agree a date with WPD's NS team for the works to proceed that shall be within 20 Working Days of receipt of the request (i.e. receipt by WPD's Records team);
  - receive notification where WPD requires either stand-by generation or alternative network arrangements to be provided that will normally be carried out by WPD at WPD's cost (there may be instance where WPD agrees with the ICP that they carry out these works);
  - note that carrying out the WPD works within 20 working days of request on the date agreed is a Voluntary Guaranteed Standard;
  - confirm to the NS team that they intend to carry out operational activities as detailed in this document;
  - complete the works on the date agreed with WPD;
  - provide directly to WPD's Records Team an HVCC (that is in the form of a spreadsheet a sample of which can be accessed via the link in Appendix A) on the second Monday following the date of the planned works. The HVCC must include a plan on a WPD background (EMU) for all completed works and an ICP HV Cable Assessment Form (Appendix I);
  - at the appropriate time a suitably authorised ICP Senior Authorised Person, Field Control Engineer or a suitably authorised delegated representative shall:
    - formally request and arrange to receive WPD sub-station and switchgear keys relevant for the planned works;
    - formally request and receive WPD network drawings and cable records applicable to the planned works;
    - formally request a WPD planned outage to be arranged with a corresponding HV Incident where required;
    - ensure any relevant plant and conductor details are provided to WPD in advance of the planned outage (for possible CROWN updating, ENMAC / POF updating or patch creation) where required;
    - consider and suitably prepare to undertake pre and post outage checks as required, e.g. LV phase rotation, voltage, HV phasing and proving parallels in accordance with WPD Standard Techniques etc;
    - in liaison with WPD's Central Control, operate WPD's HV Network in accordance with ST:OC1A "High Voltage System Control and Switching", accepting Field Control Engineer responsibility for the required and agreed designated HV section;

- prove dead at the point of work, (U/G switchgear ST: OC3C checks) and cable spiking These activities shall only be conducted under the direction of a WPD Central Control Engineer;
- on completion of the intended works and or testing, e.g. HV testing, LV phase rotation and HV phasing, the ICP Field Control Eng shall contact WPD's Central Control, describing fully the works that have been completed, and that testing is complete;
- agree to relinquish Field Control confirming the state of the network;
- in agreement with WPD's Central Control agree any further HV phasing or paralleling of circuits required.
- $\circ\,$  on submission of HVCC, attach the Field Control Engineers switching log.
- 2.3.4 The ICP shall be responsible for ensuring that all points of isolation that they establish are fitted with a Safety Lock (where facilities exist) and Caution Notice of a type which has been approved by WPD.
- 2.3.5 The ICP shall ensure that their staff do not remove or interfere in anyway with any item of plant which is locked off with a Safety Lock and/or Caution Notice.

### 2.4 WPD's Records Team

- 2.4.1 Appendices C, D and E detail the process to be followed by WPD's Records Team.
- 2.4.2 WPD's Records Team shall for low voltage works:
  - receive a LJNC on the Monday one week prior to the works commencing. The LJNC may contain up to one weeks proposed work (i.e. Monday to Sunday) and where extensions or new connections are proposed this notification shall include a plan illustrating the proposed works (a plan is not required for transfers or disconnections). The LJNC may contain multiple submissions but each submission must be by street or adjacent street for unmetered connections or scheme for metered connections;
  - during normal working hours receive request to carry out High priority Works from the ICP, raise an ICP category enquiry and route to the relevant NS team;
  - raise an ICP category enquiry following notification from a Standby Manager where High Priority Works are undertaken outside normal working hours;
  - raise or up-date Crown ICP enquiry;
  - update LJNC with Crown enquiry reference and WPD's Network Services team location noting that works may involve more than one NS team;
  - e-mail spreadsheet back to ICP so that the ICP has knowledge of the Crown reference(s) and appropriate NS team(s);
  - calculate the number of inspections required for the ICP's activity in the following week and notify the NS team(s) of the number they need to carryout via email;
  - on the second Monday following the week of proposed works receive directly from the ICP a completed LJCC. For each and every planned connection the ICP must identify the type of connection made and the date of connection and specify any connections not completed. The LJCC must be accompanied by an as laid drawing for each completed connection;
  - where required contact the ICP to resolve where the number of connections on the LJCC does not at least equal the number on the LJNC;
  - up-date Crown with the LJCC completion details;

- for metered connection, up-date the parent Crown enquiry with the date of connection for each MPAN energised;
- transfer the enquiry to the appropriate WPD regional mapping centre;
- invoice where applicable for inspections and close enquiry.
- 2.4.3 WPD's Records Team shall for high voltage works:
  - receive an HVNC a minimum of 20 working days prior to the works commencing;
  - raise or up-date Crown ICP enquiry;
  - update HVNC with Crown enquiry reference and WPD Network Services' team (location;
  - e-mail spreadsheet back to ICP so that the ICP has knowledge of the Crown reference(s) and appropriate NS team(s);
  - calculate the number of inspections required for the ICP's activity in the following week and notify the NS team(s) of the number they need to carryout via email;
  - on the second Monday following the week of proposed works receive directly from the ICP a completed HVCC for each and every planned connection <u>including those not completed</u>. The HVCC must include a plan for completed connections;
  - up-date Crown with the HVCC completion details;
  - invoice where applicable for inspections and close enquiry.

## 2.5 WPD Network Services

- 2.5.1 Appendices C, D, E and G detail the process to be followed by WPD Network Services:
- 2.5.2 WPD Network Services shall for low voltage works:
  - receive a LJNC from the ICP via WPD's Records Team. This may contain up to one week's proposed work (i.e. Monday to Sunday) and where extensions or new connections are proposed this notification shall include a plan (a plan is not required for transfers or disconnections) that shall be stored on a network drive and identified by the Crown reference;
  - ensure that all relevant conditions precedent have been met on the Parent Scheme (this is the scheme for which the ICP has applied for design approval and adoption by WPD for the whole development/project to which these works relate) before consenting to connections. Note that if conditions precedent are not in place, the works cannot proceed and consent shall not be given;
  - ascertain whether there are any objections to the ICP proposal and up-date the Crown enquiry accordingly. Crown shall generate an automatic e-mail that shall inform the ICP whether or not there are any objections. If there are objections, contact the ICP to discuss and resolve. Note that the ICP shall complete works in the week proposed in the LJNC;
  - if required, carry out chargeable inspections that shall be notified by the records team via e-mail. Update the Crown enquiry by adding the inspection activity and update when the inspection has been carried out. Appendix K details the Chargeable Inspection Regime. Also, refer to sections 5 and 6 for further information relating to inspections;
  - carry out re-inspections where required and update Crown with re-inspection activity;
  - send signed inspection report to ICP and update the Crown activity; and

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- update Crown enquiry with detail of connections, save to network drive with the Crown 'docs' button and transfer Crown enquiry to WPD's Records Team.
- 2.5.3 WPD Network Services shall for high voltage works:
  - receive an HVNC from the ICP via WPD's Records Team who shall have received the HVNC 20 working days prior to the works commencing;
  - agree a date with the ICP for the works to proceed that shall be within 20 Working Days of receipt of the request (i.e. receipt by WPD's Records team);
  - where appropriate notify the ICP where WPD requires either stand-by generation or alternative network arrangements to be provided that will normally be carried out by WPD at WPD's cost (there may be instance where WPD agrees with the ICP that they carry out these works);
  - ensure that any relevant conditions precedent have been met on the Parent Scheme (this is the scheme for which the ICP has applied for design approval and adoption by WPD for the whole development/project to which these works relate) before agreeing a date for the work. Note that if conditions precedent are not in place, the works cannot proceed and a date cannot be agreed;
  - note that carrying out the WPD works within 20 working days of request on the date agreed is a Voluntary Guaranteed Standard that shall be complied with subject to any applicable exemptions (this shall be a drop down list within Crown);
  - When agreed, conduct HV switching to set up and restore (normally this will be moving split points before the ICP works commence, proving parallels following completion of the works and returning the WPD network to normal operation) the HV network as required for the agreed outage under the direction of a WPD Central Control Engineer working to an Approved WPD Switching Schedule;
  - WPD SAP shall at a suitable time meet the nominated ICP Senior Authorised Person, Field Control Engineer or the ICP's delegated representative to:
    - record, sign and hand over WPD sub-station and switchgear keys relevant for the planned works;
    - record, sign and hand over the relevant requested WPD network drawings and cable records applicable to the planned works;
    - discuss, plan and prepare a WPD planned outage with a corresponding HV Incident where required for the agreed ICP's works;
    - agree generation and LV backfeeds to be provided where required to minimise impact on WPD customers;
    - receive any relevant plant and conductor details in advance of the planned outage (for CROWN, ENMAC / POF updating and or patch creation) where required;
    - review and discuss the ICP's outage request in regard to the scope of their works, considering pre and post outage checks as required, (e.g. LV phase rotation, HV phasing and proving parallels etc. in accordance with WPD Standard Techniques);
    - on completion of the agreed works, arrange to receive and record receipt of previously issued WPD sub-station and switchgear keys;
    - if required, carry out chargeable inspections that shall be notified by the Records Team via e-mail. Update the Crown enquiry by adding the inspection activity and update when the inspection has been carried out. Appendix K details the Chargeable Inspection Regime. Also, refer to sections 5 and 6 for further information relating to inspections;
    - carry out re-inspections where required and update Crown with reinspection activity;
    - send signed inspection report to ICP and update the Crown activity and;
    - update Crown enquiry with detail of connections, save to network drive with the Crown 'docs' button and transfer Crown enquiry to WPD's Records Team.

## 2.6 WPD Central Control

- 2.6.1 WPD Central Control shall for high voltage works:
  - receive from WPD Network Services in no less than seven days in advance of the planned outage an ENMAC / POF switching schedule and any associated documentation where appropriate to prepare the network for a NS team approved ICP planned outage;
  - approve the submitted switching schedule agreeing any necessary changes in advance of approval and where necessary provide appropriate contact telephone numbers for the ICP's use;
  - facilitate HV switching, ST:OC3 checks, cable spiking and delegating ICP Field Control as requested in accordance to WPD Standard Techniques;
  - confirm with the ICP Field Control Eng what physical works have been completed, whether the plant and conductors associated with the works are suitably annotated on the ENMAC / POF diagram including a reference to a private network where required;
  - confirm with the ICP Field Control Engineer on completion where necessary that testing, e.g. HV testing, LV phase rotation and HV phasing, is all complete and correct,
  - o relinquish ICP Field Control;
  - $\circ\;$  consider further network paralleling checks or switching to restore the network to normal running.

## 2.7 WPD Mapping Centre

2.7.1 Appendices E and F detail the process to be followed by the WPD Mapping Centre for low voltage and high voltage works respectively.

- 2.7.2 The WPD Mapping Centre shall:
  - receive Crown Enquiry from WPD's Records Team and retrieve the relevant records (i.e. plans and ICP Service Information Form) accompanying either the LJCC or HVCC from the 'Docs' folder within the Crown Enquiry (Appendices E and F detail this);
  - check records are complete and plotable. If not complete or not plotable resolve with the ICP;
  - if rejected, up-date Crown enquiry 'Update Mapping Activity' with reason for the rejection of individual drawings;
  - update mapping records and retain plans;
  - complete Crown activity 'Update Mapping" by recording all drawings as being plotted.

### 2.8 WPD CONTACT CENTRE

- 2.8.1 Appendix G details the processes to be followed by the WPD Contact Centre
- 2.8.2 The WPD Contact Centre shall:
  - receive a request to carry out "High Priority Works" from the ICP outside normal working hours;
  - route the request to the appropriate standby manager;

## 3.0 HIGH PRIORITY WORKS

- 3.1 In exceptional circumstances, following for example damage to an item of street lighting furniture containing WPD equipment where WPD has already made safe the ICP may request consent to connect. During normal working hours the request shall be made to WPD's Records Team who shall raise an ICP category enquiry and route the enquiry to the appropriate NS Team. Outside normal working hours the ICP shall make the request to the WPD Contact Centre who shall notify the appropriate standby manager. The NS Team or standby manager shall give consent where there are no relevant objections and notify WPD's Records Team who shall raise an ICP category enquiry.
- 3.2 The ICP shall complete and return the LJCC as for non high priority works.

## 4.0 SAFETY

- 4.1 If any of the Contestable Connection Works do not pass the post-commissioning tests the ICP shall notify WPD immediately and WPD may:
  - On safety grounds, under ESQCR Regulation 26, disconnect the contestable connection works from WPD's distribution system until the ICP undertakes all work necessary to enable the contestable connection works to pass the post-commissioning tests; or
  - Undertake such works and recover the cost thereof from the ICP
- 4.2 The ICP shall notify WPD immediately if any unforeseen eventuality relating to WPD's distribution system arises during the course of carrying out the contestable connection works;
- 4.3 The ICP shall provide its personnel with all necessary safety equipment to enable them to work in a safe manner;
- 4.4 The ICP shall be solely responsible for safety of the public at all times during the connection works including instances where work is being carried out on unadopted highways where the provisions of the New Road and Street Works Act 1991 might not apply.

### 5.0 INSPECTION

- 5.1 Inspection activities in relation to this process relate only to high voltage and low voltage closing joints to WPD's existing distribution system and should be read in conjunction with ST: NC2H that describes the procedure under Competition in Connection for inspecting a third party's work and for ensuring the installed assets are accurately recorded. For clarity overhead connections are in scope for low voltage works but out of scope for high voltage works.
- 5.2 Inspection activities shall be carried out in accordance with the Inspection Regime attached as Appendix K and the programme of works submitted by the ICP. The ICP shall initially be allocated to Inspection Level 1 and shall move to lower levels of inspection in accordance with Appendix K.
- 5.3 The ICP shall pay WPD for inspections as detailed in the Inspection Regime in Appendix K. Where further inspections are required as a result of identifying a defect during a previous inspection a charge shall also be made for the re-inspections.

## 6.0 CHARGES FOR INSPECTION

- 6.1 WPD shall charge the ICP for all attended inspections specified by the Inspection Regime as well as any re-inspections which are required as a result of defects identified during previous inspections. If WPD chooses to carry out additional inspections outside the Inspection Regime then those inspections are not chargeable.
- 6.2 A standard inspection charge shall be applied for each visit. The charge shall be based on a Technician hourly rate and include travelling and inspection times. The average visit duration shall be deemed to be 3 hours.
- 6.3 Please note that inspection costs and income shall be allocated as follows:
  - Costs to MU 0570 2336
  - o Income to MU 0103 2336

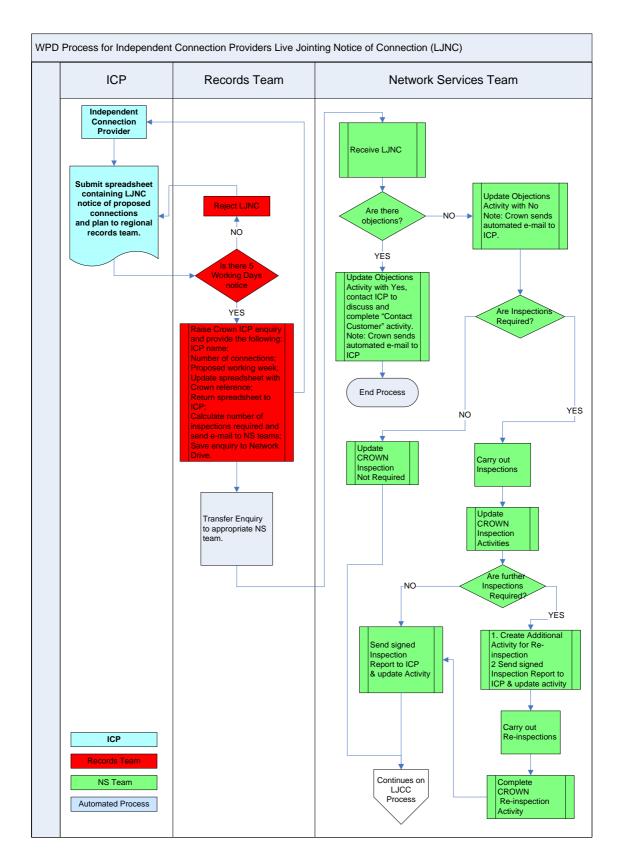
A generic version of the Live Jointing Notice of Connection (LJNC) that is in the form of a spreadsheet can be accessed via the following link. The High Voltage Notice of Connection (HVNC) is of the same form:

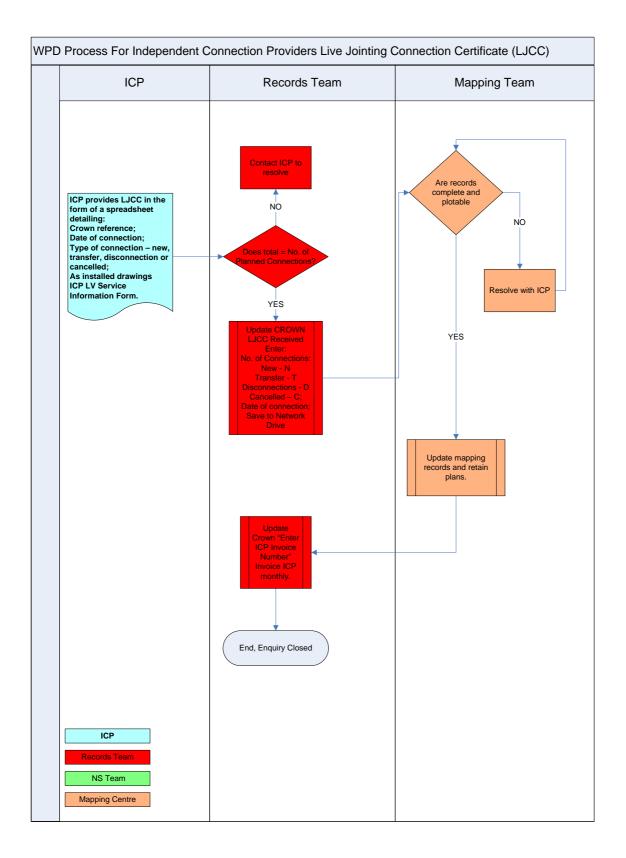
<<u>\Lamdcs01\price\Competition in Connection\Trials\East\_West Midlands LJT\LJNC</u> and LJCC\Example LJNC\_LJCC.xlsb>

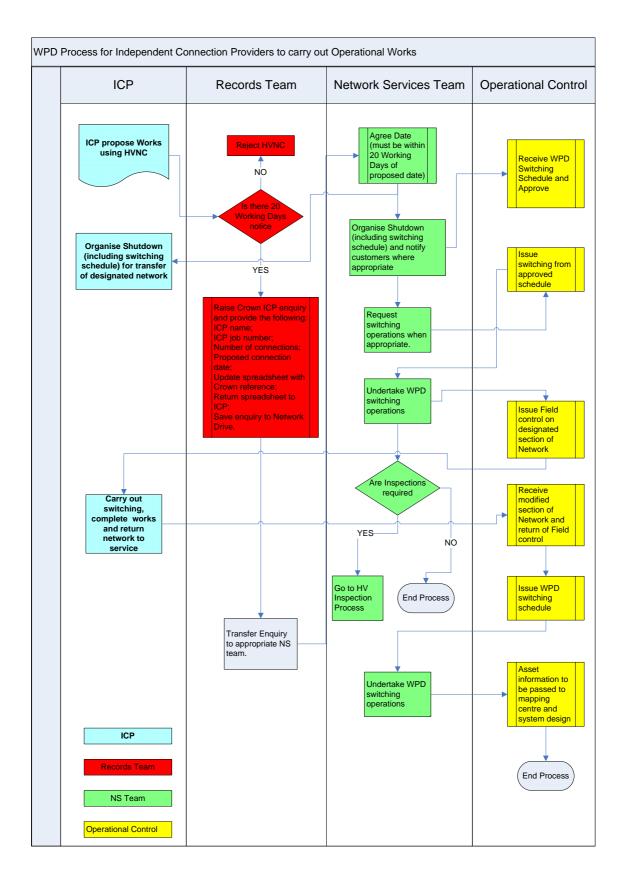
## **APPENDIX B**

A generic version of the Live Jointing Connection Certificate (LJCC) that is in the form of a spreadsheet can be accessed via the following link. The High Voltage Connection Certificate is of the same form:

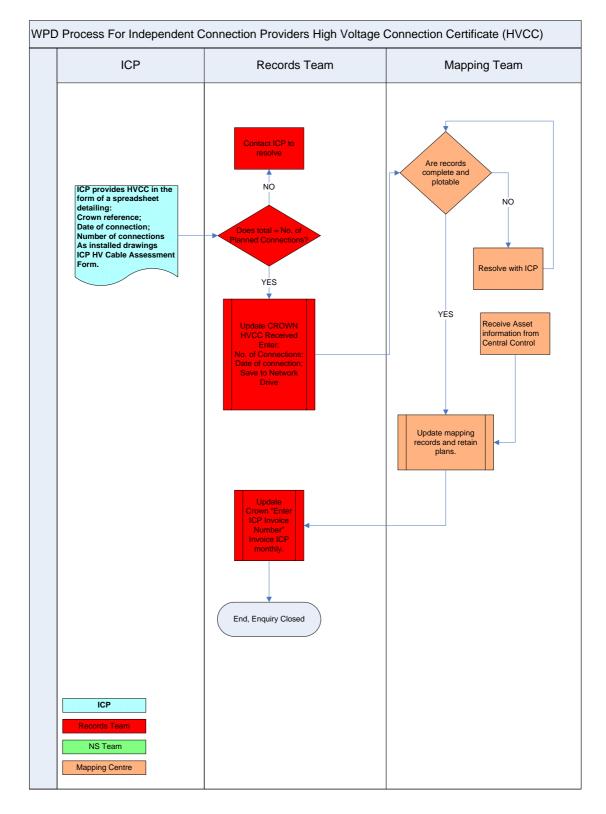
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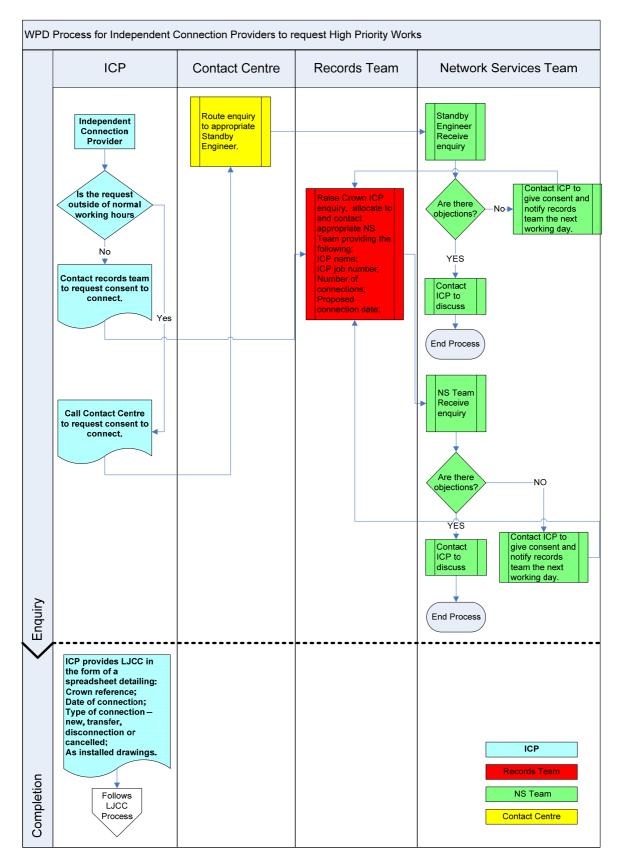


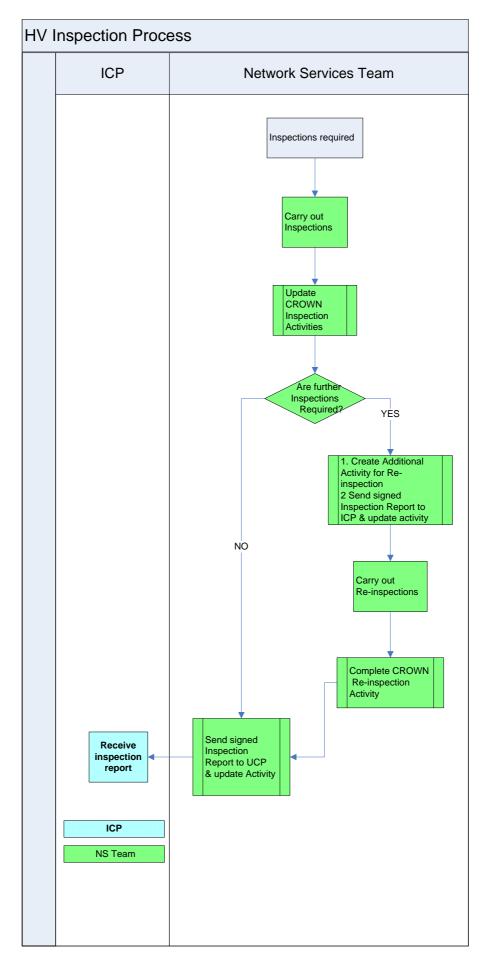


## **APPENDIX F**



## **APPENDIX G**





		w	ESTERN PO DIST	RIBUTION
	ICP I	V Service Information	-	
		V Service information	UIII	
Site Address				
ICP Name	<u> </u>	Material Courses	tion Man (Na	
Crown Reference Activity ID	-	Metered Connec Unmetered Con		
MPAN No.	_	Service OH or U		
	ing Cable Condition	New Cable Type		
Good or Defective?		New Cable Size		
Defect Type:		Joint Type		
Damage/Corrosio	n	Joint Depth		
Water Absorption		Cut-out Type Ins	talled Manufacturer	
Paper Waxin			Rating (Amps)	
Deterioration of Asse			Fuse Size	
Discharge Activity		External Meter B		
Electrical Treein		Grid Reference		
Drying Ou				
oulation Desistance	(value)	Valence (an and	nlation)	
nsulation Resistance (	(value)	Voltage (on com Polarity (on com		
olarity (existing)	20)	Polarity (on com Earth Loop Imp		
arth Loop Imp (existii ervice	3ph or 1ph	Phase Connecte		
ervice	ppn or ipn	Filase Connecte	a 10	
Craftsperson	9	Signature	Date	

	WESTERN	
		DISTRIBUTION
	Serving the M	Iidlands, South West and Wales
ICP H	/ Cable Assessment Form	
Site Address		
ICP Name	New Cable Type/Armour	
Crown Reference	New Cable Size	
Activity ID	Design Voltage	
MPAN No.	Operational Voltage	
Existing Cable Condition	Joint Type	
Good or Defective?		
	Joint Depth	
Defect Type:	Grid Reference	
Damage/Corrosion	11kV source (i.e. Primary SS)	
Water Absorption	11kV feeder number	
Paper Waxing		
Deterioration of Asset		
Discharge Activity		
Electrical Treeing		
Drying Out		
Plan of Connection Arrangements on a WPD	background (EMU). This can be provided belo appropriate.	ow or on a separate plan where
News	Circulture .	Dete
Craftsperson	Signature	Date
Supervisor Name	Signature	Date
	ante de MODie e dies 1914 - 11 - 1	
Please note that any documents that do not cor	nply with WPD's policy will be returned.	

The ICP shall comply with the specification laid out under the following documentation as amended from time to time:

ΑCTIVITY	STANDARD TECHNIQUE REFERENCE
Customer Information Leaflet	ST:NC2C
Guide for Customers and Connection Providers	ST:NC2C
Preparation of Cost Indication or Offer	ST:NC2A
Allocating costs	ST:NC2B
Charges for provision of information	ST:NC2F
Standards of Performance	ST:CS4A / ST:NC2K
Specification:	
Material	ST:NC2D
Design & Planning	ST:NC2D
Records	ST:NC2D
Design Approval	ST:NC2F
Purchase of materials	ST:NC2D
Agreement / Accreditation of Connection Provider	ST:NC2E
Inspection	ST:NC2H
Recording Assets	ST:NC2H
Recording of Underground Assets	ST:DO6A
High Voltage System Control and Switching	ST:OC1A
The Location, Identification and Proving Dead of	ST:OC3
Underground Cables	
Confirmation of Phase Relationships for New or Altered HV Apparatus	ST:OS10E
Field Control	ST:OC1B

a) Relevant parts of Engineering Recommendation G81 and WPD appendices;

b) The Adoption and Distribution System Access Agreement; and

c) Balancing and Settlement Code Procedure BSCP 520.

## Chargeable Inspection Regime

Activity	Inspection Level 1	Qualifying count and period to move to Level 2	Inspection level 2	Qualifying count and period to move to level 3	Inspection level 3	Qualifying count and period to maintain level 3
Service cable installation, jointing and termination (Connections)	20%	A minimum of 100 connections within 6 months	5%	A minimum of 400 connections within 6 months	2%	Maintain a minimum of 400 connections within 6 months *
ICP HV jointing activity	100%	A minimum of 10 joints over within 6 months	50%	A minimum of 10 joints over within 6 months	10%	Maintain a minimum of 10 joints within 6 months **

\* If less than 400 connections are undertaken in the previous six month period then Inspection Level 2 may be applied.

\*\* If less than 10 connections are undertaken in the previous six month period then Inspection Level 2 may be applied.

## **APPENDIX L**

## SUPERSEDED DOCUMENTATION

N/A

## APPENDIX M

## ASSOCIATED DOCUMENTATION

The Electricity Act 1989 as amended by the Utilities Act 2000 The Electricity (Connection Charges) Regulations 2002 The Electricity Safety Quality and Continuity Regulations 2003 The Electricity (Unmetered Supply) Regulations 2001 WPD Electricity Distribution Licence POL: NC2 New Connections

## **APPENDIX N**

## IMPACT ON COMPANY POLICY

This Standard Technique describes the process that shall be adopted to ensure that WPD staff meet the requirements of the Adoption and Distribution System Access Agreement between WPD and an ICP for high and low voltage networks.

## **APPENDIX O**

## IMPLEMENTATION OF POLICY

This Standard Technique shall be implemented on 1 December 2012.

### **APPENDIX P**

### **KEY WORDS**

Records Team, Network Services, Mapping Centre, Inspection, Chargeable Inspection Regime