

# Managing Generation Connections that may impact on NGET's Transmission Network

## 1.0 DEFINITIONS

1.1 Unless the context otherwise requires, the following words have the following meanings:

**"Business Days"** means any day other than a Saturday, a Sunday, Christmas Day, Good Friday or a day which is a bank holiday within the meaning of the Banking and Financial Dealings Act 1971;

**"NETS"** means National Electricity Transmission System;

**"NGET"** means National Grid Electricity Transmission plc;

**"SoW"** means a Statement of Works;

## 2.0 BACKGROUND

2.1 This document outlines the process for Connection Offer preparation and liaising with both NGET and our customers where WPD believes the generator will have an effect on the NETS.

2.2 Section 5 outlines WPD's approach for the assessment of the impact of generation on the NETS under Statement of Works process. However, WPD and NGET are currently trialing a modified process which is implemented by a register of generation and materiality headroom (via an Appendix G to WPD's Bilateral Connection Agreement with NGET at a Grid Supply Point). This trial process is outlined in Sections 6.

## 3.0 OFFER PREPARATION

3.1 On application WPD will contact the customer and explain the current position on Grid restrictions that may affect their connection, and prepare an Offer accordingly.

3.2 The Connection Offer will include confirmation of the requirement to follow the SoW process. It will specify the specific conditions for Connection, including any power factor operating characteristics, or WPD/NGET constraint requirements known at that time.

3.3 For new or augmented connections that have an installed generation capacity equal to or more than **1MW**, the Offer will include the requirement for the installation of a WPD tele-control outstation and a generator constraint panel.

## 4.0 OFFER ACCEPTANCE

4.1 Upon acceptance by the customer of a Connection Offer, WPD will ensure their connection is included in the monthly assessment, in acceptance date order.

4.2 WPD will contact the customer to confirm acceptance and to inform them of the requirement for WPD to follow the SoW process. The notification will include the likely timescales for the process.

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## 5.0 STATEMENT OF WORKS

- 5.1 WPD will carry out the assessment to determine if accepted generator connections are likely to have an effect on the NETS on a monthly basis.
- 5.2 Where it is deemed the connecting generation does not have an effect WPD will notify the customer(s) within 5 Business Days and in any event as soon as reasonably practicable.
- 5.3 Where deemed the connecting generation does have an effect, WPD will notify the customer(s) within 5 Business Days and in any event as soon as reasonably practicable, of the need to follow the SoW process and the likely timescales. WPD will then submit to NGET a SoW request within 15 Business Days.
- 5.4 WPD will invoice the customer(s) for their proportion of the applicable fees.
- 5.5 NGET must, within 28 days of submission, provide a written SoW. WPD shall endeavour to make the SoW response available to the customer(s) within 7 Business Days and in any event as soon as reasonably practicable.
- 5.6 WPD shall communicate on the basis;
- i) the customer may connect with no constraints
  - ii) the customer may only connect by meeting operational constraints
  - iii) the customer cannot connect and will be required to wait for the outcome of a Modification Application.
- 5.7 WPD will require confirmation from the customer(s) within 10 Business Days that they wish to continue. If the customer does not wish to proceed WPD will terminate the Agreement.

## 6.0 MATERIALITY HEADROOM

- 6.1 For those Bilateral Connection Agreements with NGET for a specific Grid Supply Point (GSP) that include an Appendix G, Part 5 will identify the capacity headroom potentially available under the GSP (the "Materiality Headroom"). This is currently a trial process with NGET and may not cover all GSPs.
- 6.2 WPD will assess the level of generation each month to determine any relevant generation that
- a) have disconnected from the Distribution System since the last update
  - b) have terminated their Connection Agreement with WPD
  - c) WPD believes the current connection date is expected to be delayed.
  - d) other recorded information has changed or any that have subsequently energised
  - e) are new generators added since the last update
  - f) have changed capacity and/or technology type
- 6.3 Where there is sufficient Materiality Headroom to accommodate newly accepted Connection Offers WPD is not required to follow the SoW process. It shall instead notify NGET in accordance with the trial process.

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- 6.4 Subject to confirmation from NGET (formal update of Appendix G) WPD shall notify the customer(s) on the basis of how they may proceed. It should be noted that headroom may not be guaranteed as NGET may be contracting for capacity with a customer who will be directly connected to the NETS. If the customer's connection is subject to operating constraints, or interim restrictions they must be agreed under a variation to the Agreement.
- 6.5 Where there is insufficient Materiality Headroom to accommodate the customer(s) required capacity WPD must proceed either to a SoW request, or where NGET has previously indicated any works are required, to the Modification Application.

### **7.0 PROJECT PROGRESSION/MODIFICATION APPLICATION**

- 7.1 Where a customer(s) have been informed by WPD in accordance with paragraphs 5.7 iii) or 6.5 above, and have confirmed they wish to proceed, WPD will submit to NGET a Confirmation of Project Progression.
- 7.2 WPD shall have 90 Business Days from notification by NGET of the SoW to return to NGET a completed and signed Confirmation of Project Progression, together with the appropriate fee.
- 7.3 WPD will invoice the customer(s) for their proportion of the applicable fees.
- 7.4 When NGET has accepted a competent Confirmation of Project Progression WPD will contact the customer to confirm this.

### **8.0 MODIFICATION OFFER**

- 8.1 NGET must within 3 months of receipt and payment of the Confirmation of Project Progression make a Modification Offer to WPD specifying the terms for connection to the NETS.
- 8.2 WPD shall consider the Modification Offer and within 20 Business Days submit to the customer(s) a notification of proposed amendment to the Agreement detailing the extent of NGET constraints/works required, the revised Connection Charge, revised connection date and the amount of security required as part of the cancellation charge.
- 8.3 The customer(s) shall have 10 Business Days to confirm whether or not they wish to continue or terminate the scheme and their Agreement.
- 8.4 If the customer(s) confirm they wish to proceed WPD shall submit to the customer(s) a variation to the Agreement detailing the extent of NGET works required, the revised Connection Charge, revised connection date and the amount of security required as part of the cancellation charge.
- 8.5 WPD shall have 3 months to accept NGET's Modification Offer and sign a variation to the Bilateral Connection Agreement