

# Triton Knoll Offshore Wind Farm Limited Triton Knoll Electrical System

Outline Communications Plan

April 2015

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Appendix Ten to the Outline Code of Construction  
Practice

APFP Regulation 5(2)(q)

Triton Knoll Offshore Wind Farm  
Limited

## Triton Knoll Electrical System

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# 1 INTRODUCTION

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## Overview

- 1.1 Triton Knoll Offshore Wind Farm Limited (TKOWFL) is submitting an application to the Planning Inspectorate (PINS), on behalf of the Secretary of State for Energy and Climate Change, for a Development Consent Order (DCO) for the Triton Knoll Electrical System (the proposed development) under the Planning Act 2008. The Triton Knoll Electrical System (TKES) would connect the consented Triton Knoll Offshore Wind Farm (TKOWF) to the National Grid substation at Bicker Fen, Boston, and would comprise offshore and onshore export cable circuits, landfall infrastructure, an onshore electrical compound, an onshore substation and works at the Bicker Fen substation.
- 1.2 The TKOWF is located approximately 33km (20.5 miles) east of the Lincolnshire coast. The Secretary of State granted a DCO for the TKOWF on 12th July 2013.
- 1.3 All terms, acronyms and abbreviations used within this Plan are explained on first use, and / or set out in full within the Glossary appearing in the Environmental Statement (Application Document 6.2).

## The Applicant

- 1.4 TKOWFL is a joint venture between two leading international energy companies; RWE Innogy UK Limited and Statkraft UK Limited. RWE Innogy UK is the UK subsidiary of the German renewable energy company RWE Innogy (part of RWE AG), a company with a strong and diversified position in renewable energy development. Statkraft UK Limited is the UK subsidiary of Statkraft Group, Europe's largest generator of renewable energy and the leading power company in Norway.

## Project Overview

- 1.5 The components of the TKES, which are needed to connect TKOWF to the National Grid, comprise:
- Up to six offshore export cable circuits – to transmit the high voltage alternating current (HVAC) electricity from the offshore substations to the transition joint bays at the landfall;

- Landfall infrastructure just north of Anderby Creek, Lincolnshire – including transition joint bays which house the connection between the offshore cables and the onshore cables;
  - Up to six onshore export cable circuits (up to 220 kV) – to transmit the HVAC electricity from the transition joint bays at the landfall to the proposed Triton Knoll Substation via the Intermediate Electrical Compound;
  - An Intermediate Electrical Compound near to Orby Marsh – to provide compensation for reactive power to allow more efficient transmission to minimise losses;
  - A substation near the existing Bicker Fen National Grid Substation – to step-up the voltage to the voltage used by the National Grid and provide additional compensation for reactive power built up over the export transmission;
  - Up to four onshore export cable circuits (400 kV) – to transmit the electricity from the proposed Triton Knoll Substation to the existing National Grid substation at Bicker Fen, Boston; and
  - Unlicensed Works within the existing National Grid substation compound comprising up to two bays each accommodating electrical equipment.
- 1.6 The Order Limits for the Triton Knoll Electrical System are shown on the Order Limits Plans (Application Document 2.1).
- 1.7 Any works at the National Grid substation near Bicker Fen required to connect the power produced by TKOWF will be consented, constructed and operated by National Grid (the ‘Enabling Works’). National Grid has not yet completed the engineering studies necessary to define the Enabling Works required at their existing Bicker Fen substation. However, it is anticipated that these works will only involve modifications to the existing infrastructure within the existing site boundary.

### **Purpose of this Outline Communications Plan**

- 1.8 This Outline Communications Plan is provided as an Appendix to the Outline Code of Construction Practice which forms part of the application to PINS for a DCO for the TKES.
- 1.9 This Outline Communications Plan is being provided in an indicative form to provide the Examining Authority and parties to the examination with an outline of the matters which will be addressed within the final Communications Plan

submitted as part of the final Code of Construction Practice (CoCP) for any part of the TKES in accordance with Requirement 14 of the draft DCO. This Outline Communications Plan sets out the communication measures which may be implemented by TKOWFL and its contractors during the construction of the TKES, and should be read in conjunction with the Outline CoCP and all of its supporting appendices.

- 1.10 Requirement 14 of the draft DCO requires the Code of Construction Practice and its supporting appendices to be submitted for each stage of the works permitted by the Order. This Outline Communications Plan will therefore be adapted and submitted separately for each stage of works as part of the CoCP for that stage. For certain stages of works it may be the case that a particular environmental plan is not required for that specific stage of works, and in those cases the undertaker will agree with the relevant planning authority which of the appendices to the CoCP are (not) required for such works. It may therefore be that a Communications Plan is not provided for a particular stage of works.

### **Scope of this Outline Communications Plan**

- 1.11 This Outline Communications Plan relates to the onshore elements of the TKES for the proposed TKOWF, landward of Mean Low Water (MLW). This document does not relate to offshore works seaward of MLW, or any works above MLW that are principally marine activities.

## 2 COMMUNICATIONS PLAN

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### Objectives

- 2.1 The following objectives shall govern TKOWF's communications with the local community and interested parties during the construction of the TKES:
- Communicate effectively and to all relevant parties that works will be taking place, when, where and for how long.
  - Inform local communities, business, leisure and other organisations of any impact our works will have on them.
  - Inform local communities, business, leisure and other organisations how TKOWF will maximise any positive impacts (eg contract awards) and minimise any potential disruptive impacts.
  - Provide a means of contact for people with questions about TKOWF's construction activities.
  - Provide regular updates on activity via letters, newsletters, media coverage or drop-in sessions.

### Management measures

- 2.2 An identified member of the TKOWF project team will be responsible for communication with local residents, businesses, local councils and highways authorities.
- 2.3 A Local Liaison Committee will be established comprising representatives of the local community and the project team. Regular meetings will discuss up and coming activity and arrange appropriate means and timescales to communicate information to the wider community.
- 2.4 Drop-in sessions will be arranged ahead of construction activity to keep local communities informed of activity. These will be repeated at intervals if required. There will be an Information Line with a single point of contact and similarly TKOWFL will have an email address for single point of contact. Both the telephone and email will be widely communicated on newsletters, press releases and signs along the cable route both ahead of and throughout construction activity.
- 2.5 These measures will ensure that there is ongoing liaison with statutory and non-statutory consultees, stakeholders and the general public.

## **Local diversions**

- 2.6 With the exception of Hutt/10/4, all public rights of way (PROW) will kept open or diverted within the Proposed Development Boundary to minimise impact for users.
- 2.7 PROW closures / diversions will be communicated to Lincolnshire County Council and other relevant organisations, including Parish Councils. Information will include the duration and proposed alternative routes. A PROW Diversion Plan has been prepared which contains further details of the proposed diversions (Application Document 2.7). Those diversions are also addressed within the Outline Construction Method Statement (Application Document 8.7).
- 2.8 Nearby caravan parks, chalet sites etc will be informed of construction activities which may affect their usual operations and activities, such as access, opening hours, and planned events; Information will include the duration and proposed alternative routes.

## **Local employment opportunities**

- 2.9 Local employers and suppliers will be informed of the proposed construction works and participation of local and regional companies in the tendering process will be encouraged.