

Written Representation on behalf of National Grid Electricity Transmission Plc in respect of the Beacon Fen DCO (the "Project")

This written representation is submitted on behalf of National Grid Electricity Transmission Plc ("NGET") in respect of the Project, and in particular NGET's infrastructure and land which is within or in close proximity to the proposed Order Limits.

NGET will require appropriate protection for retained apparatus including compliance with relevant standards for works proposed within close proximity of its apparatus.

NGET's rights of access to inspect, maintain, renew and repair such apparatus must also be maintained at all times and access to inspect and maintain such apparatus must not be restricted.

Further, where the Applicant intends to acquire land or rights, or interfere with any of NGET's interests in land or NGET's apparatus, NGET will require appropriate protection and further discussion is required on the impact to its apparatus and rights.

In this DCO the Applicant is seeking consent for works for NGET to extend the existing substation and to connect into the existing Transmission Network and accordingly the parties need to reach agreement on respective use of the DCO powers in relation to the NGET works within the DCO and on NGET land.

NGET infrastructure within/in close proximity to the proposed Order Limits:

NGET owns or operates the following infrastructure within or in close proximity to the proposed Order Limits for the Project. These assets form an essential part of the electricity transmission network in England and Wales. Details of these electricity assets are as follows:

- Substations Bicker Fen 400kV Substation and associated overhead and underground apparatus including cables
- Overhead Lines 4ZM 400kV Overhead Line Bicker Fen – Spalding – North West Burton Bicker Fen – Walpole – West Burton

Protection of NGET Assets

As a responsible statutory undertaker, NGET's primary concern is to meet its statutory obligations and ensure that any development does not impact in any adverse way upon those statutory obligations.

As such, NGET has a duty to protect its position in relation to infrastructure and land which is within or in close proximity to the draft Order Limits.

As noted, NGET's rights to retain its apparatus in situ and rights of access to inspect, maintain, renew, repair and refurbishment such apparatus located within or in close proximity to the Order Limits should be maintained at all times and access to inspect and maintain such apparatus must not be restricted.

NGET requests that the Applicant continues to engage with it to provide explanation and reassurances as to how the Applicant's works pursuant to the Order (if made) will ensure protection for those NGET assets which will remain in situ, along with facilitating all future access and other rights as are necessary to allow NGET to properly discharge its statutory obligations.

Protective Provisions (including Compulsory Acquisition Powers)

NGET is aware that a form of protective provisions for the benefit of electricity undertakers has been included by the Applicant at Schedule 11 Part 1 to the draft Development Consent Order (the "Order") for the Project [APP-039].

NGET considers the current form of Protective Provisions to be materially deficient. In particular, where the Applicant intends to acquire land or rights held by NGET compulsorily, to take temporary possession of the same, or otherwise interfere with any of NGET's interests in land, any powers authorising such acquisition, temporary possession or interference must only ever be exercised with the prior agreement and consent of NGET. A failure to secure such prior agreement risks compromising the safety and integrity of NGET's operational assets, in addition to inhibiting the proper discharge of NGET's statutory obligations and functions.

This risk is particularly acute in the context of the Project, where the dDCO includes rights to be compulsorily acquired and extinguished by the Applicant across NGET's 400kV Bicker Fen substation site, as set out in outline in Schedule 8 and summarised as follows:

"The rights to construct, operate, maintain and use Works X (see below) and to construct operate maintain and inspect and access any protective works, utility apparatus or any other ancillary or related development..."

Plot 18-13 – Work 5D and 5E Plot 18-14 – Work 5E (also Work 10) Plot 18-15 – Work 5E (also Work 10) Plot 18-16 – Work 5D and 5E Plot 18-17 – Work 5C, 5D and 5E Plot 18-18 – Work 5E Plot 18-19 – Work 4A, 5A, 5B, 5C and 5E Plot 18-20 – Work 4A and 10 Plot 18-54/18-57/18-53 - Access

The land affected, which comprises Plots listed above (as shown on Sheet 18 of the Land Plans [APP-008]), is owned by NGET and also comprises a 400kV substation and overhead line, along with ancillary infrastructure including fibre cables and underground cables. It is essential that proposals do not prevent NGET from being able to fulfil its statutory duties to operate and maintain assets and connect customers at this site. NGET has asked the Applicant to remove the extent of their operational substation which sits predominantly over plot 18-16 and 18-18 from the CA powers shown on the land plans, as there is no need for the Applicant to have CA powers over NGET's existing operational substation, The Applicant has confirmed that they are willing to do this but has not as yet submitted updated land plans to

reflect this and therefore NGET's objection in this respect remains until resolved. Any works within the existing substation are governed by the connection agreement.

In relation to all other plots outside the existing operational substation boundary NGET has asked the applicant to submit applications under NGET's use of land process to seek shared rights for access/construction/cabling. These applications have been submitted and are ongoing. Including NGET's standard Protective Provisions will address NGET's main concerns about these land rights as they will provide control to NGET to grant such rights voluntarily and on agreed terms, which is essential to ensure NGET can manage its statutory duties as the Transmission Network Operator including other future connections and customers.

As currently drafted, the Protective Provisions permit the unfettered exercise by the Applicant of powers of compulsory acquisition and/or temporary possession over NGET land. NGET considers that in the absence of adequate Protective Provisions to protect NGET's statutory undertaking, the inclusion of compulsory powers across NGET land is likely to significantly impact on NGET's ability to discharge its statutory duties at a critical location in the electricity transmission network.

NGET remains in discussions with the Applicant on the form of Protective Provisions, noting the established line of precedent which supports the position adopted by NGET (and, indeed, other statutory undertakers) as to the need for a restriction on the actual exercise of powers of compulsory acquisition and/or temporary possession across NGET land.

It is therefore essential that the Protective Provisions contain the consent mechanism noted above and, in doing so, enable NGET to continue to deliver planned reinforcements to the electricity transmission network and to accommodate connection requests received from electricity generation customers. The format of Protective Provisions requested by NGET is provided as Appendix 1 to this Written Representation to which paragraph 6 is the consent to use of CA powers clause required to be included by NGET.

NGET will continue to liaise with the Applicant in relation to the Protective Provisions, along with the supplementary agreements which are required to govern the relationship between the parties under the DCO.

In the absence of an agreed form of Protective Provisions, NGET strongly objects to the compulsory acquisition, temporary possession of, or interference with, its assets, land or rights over its land.

Furthermore, the Applicant is seeking compulsory purchase powers over plot 4-06 which includes NGET's 42M 400kV overhead line. Where the Applicant intends to acquire land or rights, or interfere with any of NGET's interests in land, NGET will require further discussion with the Applicant and NGET will require its standard Protective Provisions to be included within the Order to ensure that NGET's right to retain the overhead infrastructure in this plot is not affected.

Next Steps:

NGET will continue to liaise with the Applicant with a view to reaching agreement on the matters documented above as soon as possible during the DCO Examination and will keep the Examining Authority updated in relation to these discussions.

NGET reserves the right to make further representations as part of the Examination process in relation to specific interactions with its assets and land rights and in respect of the Protective Provisions including the right to attend any future hearings if necessary subject to the progression of negotiations.

Appendix 1

National Grid form of requested Protective Provisions

SCHEDULE [] Article []

PROTECTIVE PROVISIONS FOR THE PROTECTION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC AS ELECTRICITY UNDERTAKER

Application

1. (1) For the protection of National Grid as referred to in this Schedule the following provisions have effect, unless otherwise agreed in writing, between the undertaker and National Grid.
(2) Subject to sub paragraph (3) or to the extent otherwise agreed in writing between the undertaker and National Grid, where the benefit of this Order is transferred or granted to another person under article [] (consent to the transfer of benefit of the Order) –
 - (a) Any agreement of the type mentioned in sub-paragraph (1) has effect as if it had been made between National Grid and the transferee or grantee (as the case may be); and
 - (b) Written notice of the transfer or grant must be given to National Grid on or before the date of that transfer or grant
- (3) Sub-paragraph (2) does not apply where the benefit of the Order is transferred or granted to National Grid (but without prejudice to paragraph 11 (3) b).

Interpretation

2. In this Part of this Schedule—

“the 1991 Act” means the New Roads and Street Works Act 1991;

“acceptable credit provider” means a bank or financial institution with a credit rating that is not lower than: (i) “A-” if the rating is assigned by Standard & Poor’s Ratings Group or Fitch Ratings; and “A3” if the rating is assigned by Moody’s Investors Services Inc.;

“acceptable insurance” means general third party liability insurance effected and maintained by the undertaker with a combined property damage and bodily injury limit of indemnity of not less than £50,000,000.00 (fifty million pounds) per occurrence or series of occurrences arising out of one event. Such insurance shall be maintained (a) for the duration of the construction period of the authorised works; and (b) after the construction period of the authorised works in respect of any use and maintenance of the authorised development by or on behalf of the undertaker which constitute specified works and arranged with an insurer whose security/credit rating meets the same requirements as an “acceptable credit provider”, such insurance shall include (without limitation):

- (a) a waiver of subrogation and an indemnity to principal clause in favour of National Grid;
- (b) pollution liability for third party property damage and third party bodily damage arising from any pollution/contamination event with a (sub)limit of indemnity of not less than £10,000,000.00 (ten million pounds) per occurrence or series of occurrences arising out of one event or £20,000,000.00 (twenty million pounds) in aggregate;

“acceptable security” means either—

(a) a parent company guarantee from a parent company in favour of National Grid to cover the undertakers liability to National Grid to a total liability cap of £50,000,000.00 (fifty million pounds) (in a form reasonably satisfactory to National Grid and where required by National Grid, accompanied with a legal opinion confirming the due capacity and authorisation of the parent company to enter into and be bound by the terms of such guarantee); or

(b) a bank bond or letter of credit from an acceptable credit provider in favour of National Grid to cover the undertaker's liability to National Grid for an amount of not less than £10,000,000.00 (ten million pounds) per asset per event up to a total liability cap of £50,000,000.00 (fifty million pounds) (in a form reasonably satisfactory to National Grid); or

“alternative apparatus” means appropriate alternative apparatus to the satisfaction of National Grid to enable National Grid to fulfil its statutory functions in a manner no less efficient than previously;

“apparatus” means any electric lines or electrical plant as defined in the 1989 Act, belonging to or maintained by National Grid; together with any replacement apparatus and such other apparatus whether or not constructed pursuant to the Order that becomes operational apparatus of National Grid for the purposes of transmission, distribution and/or supply and includes any structure in which apparatus is or will be lodged or which gives or will give access to apparatus;

“authorised works” has the same meaning as is given to the term “authorised development” in article 2(1) (interpretation) of this Order and includes any associated development authorised by the Order and for the purposes of this Schedule includes the use and maintenance of the authorised works and construction of any works authorised by this Schedule;

“commence ” and “commencement” has the same meaning as in article 2(1) (interpretation) of this Order except for the purposes of this Schedule only where it shall include any below ground surveys, monitoring, ground work operations or the receipt and erection of construction plant and equipment;

“deed of consent” means a deed of consent, crossing agreement, deed of variation or new deed of grant agreed between the parties acting reasonably in order to vary or replace existing easements, agreements, enactments and other such interests so as to secure land rights and interests as are necessary to carry out, maintain, operate and use the apparatus in a manner consistent with the terms of this Schedule;

“functions” includes powers and duties;

“ground mitigation scheme” means a scheme approved by National Grid (such approval not to be unreasonably withheld or delayed) setting out the necessary measures (if any) for a ground subsidence event;

“ground monitoring scheme” means a scheme for monitoring ground subsidence which sets out the apparatus which is to be subject to such monitoring, the extent of land to be monitored, the manner in which ground levels are to be monitored, the timescales of any monitoring activities and the extent of ground subsidence which, if exceeded, is to require the undertaker to submit for National Grid's approval a ground mitigation scheme;

“ground subsidence event” means any ground subsidence identified by the monitoring activities set out in the ground monitoring scheme that has exceeded the level described in the ground monitoring scheme as requiring a ground mitigation scheme;

“in” in a context referring to apparatus or alternative apparatus in land includes a reference to apparatus or alternative apparatus under, over, across, along or upon such land;

“Incentive Deduction” means any incentive deduction National Grid Electricity Transmission plc receives under its electricity transmission licence which is caused by an event on its transmission system that causes electricity not to be supplied to a demand customer and which arises as a result of the authorised works;

“maintain” and “maintenance” shall include the ability and right to do any of the following in relation to any apparatus or alternative apparatus of National Grid; construct, use, repair, alter, inspect, renew or remove the apparatus;

“National Grid” means National Grid Electricity Transmission Plc (Company Number 2366977) whose registered office is at 1-3 Strand, London, WC2N 5EH or any successor as a licence holder within the meaning of Part 1 of the 1989 Act;

“NESO” means as defined in the STC;

“plan” or “plans” include all designs, drawings, specifications, method statements, soil reports, programmes, calculations, risk assessments and other documents that are reasonably necessary properly and sufficiently to describe and assess the works to be executed;

“parent company” means a parent company of the undertaker acceptable to and which shall have been approved by National Grid acting reasonably;

“specified works” means any of the authorised works or activities undertaken in association with the authorised works which—

- (a) will or may be situated over, or within 15 metres measured in any direction of any apparatus the removal of which has not been required by the undertaker under paragraph 7(2) or otherwise;
- (b) may in any way adversely affect any apparatus the removal of which has not been required by the undertaker under paragraph 7(2) or otherwise; and/or
- (c) includes any of the activities that are referred to in development near overhead lines EN43-8 and HSE’s guidance note 6 “Avoidance of Danger from Overhead Lines”;

“STC” means the System Operator Transmission Owner Code prepared by the electricity Transmission Owners and NESO as modified from time to time;

“STC Claims” means any claim made under the STC against National Grid Electricity Transmission plc arising out of or in connection with the de-energisation (whereby no electricity can flow to or from the relevant system through the generator or interconnector’s equipment) of a generator or interconnector party solely as a result of the de-energisation of plant and apparatus forming part of National Grid Electricity Transmission plc’s transmission system which arises as a result of the authorised works;

“Transmission Owner” means as defined in the STC; and

“undertaker” means the undertaker as defined in article 2(1) of this Order.

On Street Apparatus

3. Except for paragraphs 4 (apparatus of National Grid in affected streets), 9 (retained apparatus: protection), 10 (expenses) and 11 (indemnity) of this Schedule which apply in respect of the exercise of all or any powers under this Order affecting the rights and apparatus of National Grid, the other provisions of this Schedule do not apply to apparatus in respect of which the relations between the undertaker and National Grid are regulated by the provisions of Part 3 (street works in England and Wales) of the 1991 Act.

Apparatus of National Grid in affected streets

4.—(1) Where any street is stopped up under article [] (power to alter layout etc. of streets), article [] (street works), article [] (construction and maintenance of new or altered means of access), if National Grid has any apparatus in the street or accessed via that street National Grid has the same rights in respect of that apparatus as it enjoyed immediately before the stopping up and the undertaker must grant to National Grid, or procure the granting to National Grid of, legal easements reasonably satisfactory to National Grid in respect of such apparatus and access to it prior to the stopping up of any such street or highway but nothing in this paragraph affects any right of the undertaker or National Grid to require the removal of that apparatus under paragraph 7 or the power of the undertaker, subject to compliance with this sub-paragraph, to carry out works under paragraph 9.

(2) Notwithstanding the temporary closure or diversion of any highway under the powers of article [] (temporary closure of streets and public rights of way), National Grid is at liberty at all times to take all necessary access across any such closed highway or public right of way and to execute and do all such works and things in, upon or under any such highway as may be reasonably necessary

or desirable to enable it to maintain any apparatus which at the time of the closure or diversion was in that highway or public right of way.

Protective works to buildings

5. The undertaker, in the case of the powers conferred by article [] (protective works to buildings), must exercise those powers so as not to obstruct or render less convenient the access to any apparatus without the written consent of National Grid.

Acquisition of land

6.—(1) Regardless of any provision in this Order or anything shown on the land plans or contained in the book of reference to the Order, the undertaker may not (a) appropriate or acquire or take temporary possession of any land or apparatus belonging to National Grid or (b) appropriate, acquire, extinguish, interfere with or override any easement, other interest or right and/or apparatus of National Grid otherwise than by agreement.

(2) As a condition of an agreement between the parties in sub-paragraph (1), prior to the carrying out of any part of the authorised works (or in such other timeframe as may be agreed between National Grid and the undertaker) that is subject to the requirements of this Part of this Schedule that will cause any conflict with or breach the terms of any easement or other legal or land interest of National Grid or affect the provisions of any enactment or agreement regulating the relations between National Grid and the undertaker in respect of any apparatus laid or erected in land belonging to or secured by the undertaker, the undertaker must as National Grid reasonably requires enter into such deeds of consent upon such terms and conditions as may be agreed between National Grid and the undertaker acting reasonably and which must be no less favourable on the whole to National Grid unless otherwise agreed by National Grid, and it will be the responsibility of the undertaker to procure and/or secure the consent and entering into of such deeds and variations by all other third parties with an interest in the land at that time who are affected by such authorised works.

(3) Save where otherwise agreed in writing between National Grid and the undertaker, the undertaker and National Grid agree that where there is any inconsistency or duplication between the provisions set out in this Part of this Schedule relating to the relocation and/or removal of apparatus/including but not limited to the payment of costs and expenses relating to such relocation and/or removal of apparatus) and the provisions of any existing easement, rights, agreements and licences granted, used, enjoyed or exercised by National Grid and/or other enactments relied upon by National Grid as of right or other use in relation to the apparatus, then the provisions in this Schedule shall prevail.

(4) Any agreement or consent granted by National Grid under paragraph 9 or any other paragraph of this Part of this Schedule, shall not be taken to constitute agreement under sub-paragraph (1).

Removal of apparatus

7.—(1) If, in the exercise of the powers conferred by this Order, the undertaker acquires any interest in or possesses temporarily any land in which any apparatus is placed, that apparatus must not be removed under this Schedule and any right of National Grid to maintain that apparatus in that land must not be extinguished until alternative apparatus has been constructed, and is in operation to the reasonable satisfaction of National Grid in accordance with sub-paragraphs (2) to (5).

(2) If, for the purpose of executing any works comprised in the authorised development in, on, under or over any land purchased, held, appropriated or used under this Order, the undertaker requires the removal of any apparatus placed in that land, it must give to National Grid advance written notice of that requirement, together with a plan of the work proposed, and of the proposed position of the alternative apparatus to be provided or constructed and in that case (or if in consequence of the exercise of any of the powers conferred by this Order National Grid reasonably

needs to remove any of its apparatus) the undertaker must, subject to sub-paragraph (3), secure any necessary consents for the alternative apparatus and afford to National Grid to its satisfaction (taking into account paragraph 8(1) below) the necessary facilities and rights—

- (a) for the construction of alternative apparatus in other land of or land secured by the undertaker; and
- (b) subsequently for the maintenance of that apparatus.

(3) If alternative apparatus or any part of such apparatus is to be constructed elsewhere than in other land of or land secured by the undertaker, or the undertaker is unable to afford such facilities and rights as are mentioned in sub-paragraph (2) in the land in which the alternative apparatus or part of such apparatus is to be constructed, National Grid may, in its sole discretion, on receipt of a written notice to that effect from the undertaker, take such steps as are reasonable in the circumstances to assist the undertaker to obtain the necessary facilities and rights in the land in which the alternative apparatus is to be constructed save that this obligation shall not extend to the requirement for National Grid to use its compulsory purchase powers to this end unless it elects to so do.

(4) Any alternative apparatus to be constructed in land of or land secured by the undertaker under this Schedule must be constructed in such manner and in such line or situation as may be agreed between National Grid and the undertaker.

(5) National Grid must, after the alternative apparatus to be provided or constructed has been agreed, and subject to a written diversion agreement having been entered into between the parties and the grant to National Grid of any such facilities and rights as are referred to in sub-paragraph (2) or (3), proceed without unnecessary delay to construct and bring into operation the alternative apparatus and subsequently to remove any apparatus required by the undertaker to be removed under the provisions of this Schedule.

Facilities and rights for alternative apparatus

8.—(1) Where, in accordance with the provisions of this Schedule, the undertaker affords to or secures for National Grid facilities and rights in land for the construction, use, maintenance and protection of alternative apparatus in substitution for apparatus to be removed, those facilities and rights must be granted upon such terms and conditions as may be agreed between the undertaker and National Grid and must be no less favourable on the whole to National Grid than the facilities and rights enjoyed by it in respect of the apparatus to be removed unless otherwise agreed by National Grid.

(2) If the facilities and rights to be afforded by the undertaker in respect of any alternative apparatus, and the terms and conditions subject to which those facilities and rights are to be granted, are less favourable on the whole to National Grid than the facilities and rights enjoyed by it in respect of the apparatus to be removed and the terms and conditions to which those facilities and rights are subject the matter may be referred to arbitration in accordance with paragraph 15 (arbitration) of this Schedule and the arbitrator must make such provision for the payment of compensation by the undertaker to National Grid as appears to the arbitrator to be reasonable having regard to all the circumstances of the particular case.

Retained apparatus: protection

9.—(1) Not less than 56 days before the commencement of any specified works the undertaker must submit to National Grid a plan of the works to be executed and seek from National Grid details of the underground extent of their electricity assets.

(2) In relation to the Specified Works the plan to be submitted to National Grid under sub-paragraph (1) must include a method statement and describe—

- (a) the exact position of the works;
- (b) the level at which these are proposed to be constructed or renewed;
- (c) the manner of their construction or renewal including details of excavation, positioning of plant;
- (d) the position of all apparatus;

- (e) by way of detailed drawings, every alteration proposed to be made to or close to any such apparatus;
- (f) any intended maintenance regimes;
- (g) an assessment of risks of rise of earth issues;
- (h) a ground monitoring scheme, where required;
- (i) how impressed voltages have been taken into account in the detailed design for the specified works (where relevant), and ;
- (j) details of how operation and maintenance of the specified works can be carried out.

(3) In relation to any works which will or may be situated on, over, under or within 10 metres of any part of the foundations of an electricity tower or between any two or more electricity towers, the plan to be submitted under sub-paragraph (1) must, in addition to the matters set out in sub-paragraph (2), include a method statement describing—

- (a) details of any cable trench design including route, dimensions, clearance to pylon foundations;
- (b) demonstration that pylon foundations will not be affected prior to, during and post construction;
- (c) details of load bearing capacities of trenches;
- (d) details of any cable installation methodology including access arrangements, jointing bays and backfill methodology;
- (e) a written management plan for high voltage hazard during construction and ongoing maintenance of any cable route;
- (f) written details of the operations and maintenance regime for any cable, including frequency and method of access;
- (g) assessment of earth rise potential if reasonably required by National Grid's engineers; and
- (h) evidence that trench bearing capacity is to be designed to support overhead line construction traffic of up to and including 26 tonnes in weight.

(4) The undertaker must not commence any works to which sub-paragraphs (2) or (3) apply until National Grid has given written approval of the plan so submitted.

(5) Any approval of National Grid required under sub-paragraph (4)—

- (a) may be given subject to reasonable conditions for any purpose mentioned in sub-paragraphs (6) or (8); and
- (b) must not be unreasonably withheld.

(6) In relation to any work to which sub-paragraphs (2) or (3) apply, National Grid may require such modifications to be made to the plans as may be reasonably necessary for the purpose of securing its apparatus against interference or risk of damage, for the provision of protective works or for the purpose of providing or securing proper and convenient means of access to any apparatus.

(7) Works executed under sub-paragraphs (2) or (3) must be executed in accordance with the plan, submitted under sub-paragraph (1) or as relevant sub-paragraph (6), as approved or as amended from time to time by agreement between the undertaker and National Grid and in accordance with such reasonable requirements as may be made in accordance with sub-paragraphs (6) or (8) by National Grid for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and National Grid will be entitled to watch and inspect the execution of those works.

(8) Where National Grid requires any protective works to be carried out by itself or by the undertaker (whether of a temporary or permanent nature) such protective works, inclusive of any measures or schemes required and approved as part of the plan approved pursuant to this paragraph, must be carried out to National Grid's satisfaction prior to the commencement of any specified works (or any relevant part thereof) for which protective works are required and National Grid shall give notice of its requirement for such works within 42 days of the date of submission of a plan pursuant to this paragraph (except in an emergency).

(9) If National Grid in accordance with sub-paragraphs (6) or (8) and in consequence of the works proposed by the undertaker, reasonably requires the removal of any apparatus and gives written notice to the undertaker of that requirement, paragraphs 1 to 3, 7 and 8 apply as if the removal of the apparatus had been required by the undertaker under paragraph 7(2).

(10) Nothing in this paragraph precludes the undertaker from submitting at any time or from time to time, but in no case less than 56 days before commencing the execution of the works for which a plan has been submitted for specified works (or part thereof), a new plan for such works, instead of the plan previously submitted, and having done so the provisions of this paragraph shall apply to and in respect of the new plan.

(11) The undertaker will not be required to comply with sub-paragraph (1) where it needs to carry out emergency works as defined in the 1991 Act but in that case it must give to National Grid notice as soon as is reasonably practicable and a plan of those works and must comply with sub-paragraphs (6), (7) and (8) insofar as is reasonably practicable in the circumstances and comply with sub-paragraph (12) at all times.

(12) At all times when carrying out any works authorised under the Order, the undertaker must comply with National Grid's policies for development near overhead lines EN43-8 and HSE's guidance note 6 "Avoidance of Danger from Overhead Lines".

Expenses

10.—(1) Save where otherwise agreed in writing between National Grid and the undertaker and subject to the following provisions of this paragraph, the undertaker must pay to National Grid within 30 days of receipt of an itemised invoice or claim from National Grid all charges, costs and expenses reasonably anticipated within the following three months or reasonably and properly incurred by National Grid in, or in connection with, the inspection, removal, relaying or replacing, alteration or protection of any apparatus or the construction of any new or alternative apparatus which may be required in consequence of the execution of any authorised works including without limitation—

- (a) any costs reasonably incurred by or compensation properly paid by National Grid in connection with the acquisition of rights or the exercise of statutory powers for such apparatus including without limitation all costs incurred by National Grid as a consequence of National Grid—
 - (i) using its own compulsory purchase powers to acquire any necessary rights under paragraph 7(3); or
 - (ii) exercising any compulsory purchase powers in the Order transferred to or benefitting National Grid;
- (b) in connection with the cost of the carrying out of any diversion work or the provision of any alternative apparatus, where no written diversion agreement is otherwise in place;
- (c) the cutting off of any apparatus from any other apparatus or the making safe of redundant apparatus;
- (d) the approval of plans;
- (e) the carrying out of protective works, plus a capitalised sum to cover the cost of maintaining and renewing permanent protective works; and
- (f) the survey of any land, apparatus or works, the inspection and monitoring of works or the installation or removal of any temporary works reasonably necessary in consequence of the execution of any such works referred to in this Schedule.

(2) There will be deducted from any sum payable under sub-paragraph (1) the value of any apparatus removed under the provisions of this Schedule and which is not re-used as part of the alternative apparatus, that value being calculated after removal.

(3) If in accordance with the provisions of this Schedule—

- (a) apparatus of better type, of greater capacity or of greater dimensions is placed in substitution for existing apparatus of worse type, of smaller capacity or of smaller dimensions; or

- (b) apparatus (whether existing apparatus or apparatus substituted for existing apparatus) is placed at a depth greater than the depth at which existing apparatus was situated,

and the placing of apparatus of that type or capacity or of those dimensions or the placing of apparatus at that depth, as the case may be, is not agreed by the undertaker or, in default of agreement, is not determined by arbitration in accordance with paragraph 15 to be necessary, then, if such placing involves cost in the construction of works under this Schedule exceeding that which would have been involved if the apparatus placed had been of the existing type, capacity or dimensions, or at the existing depth, as the case may be, the amount which apart from this sub-paragraph would be payable to National Grid by virtue of sub-paragraph (1) will be reduced by the amount of that excess save to the extent that it is not possible in the circumstances to obtain the existing type of apparatus at the same capacity and dimensions or place at the existing depth in which case full costs will be borne by the undertaker.

(4) For the purposes of sub-paragraph (3)—

- (a) an extension of apparatus to a length greater than the length of existing apparatus will not be treated as a placing of apparatus of greater dimensions than those of the existing apparatus; and
- (b) where the provision of a joint in a pipe or cable is agreed, or is determined to be necessary, the consequential provision of a jointing chamber or of a manhole will be treated as if it also had been agreed or had been so determined.

(5) Any amount which apart from this sub-paragraph would be payable to National Grid in respect of works by virtue of sub-paragraph (1) will, if the works include the placing of apparatus provided in substitution for apparatus placed more than 7 years and 6 months earlier so as to confer on National Grid any financial benefit by deferment of the time for renewal of the apparatus in the ordinary course, be reduced by the amount which represents that benefit.

(6) Where reasonably anticipated charges, costs or expenses have been paid by the undertaker pursuant to sub-paragraph (1), if the actual charges, costs or expenses incurred by National Grid are less than the amount already paid by the undertaker National Grid will repay the difference to the undertaker as soon as reasonably practicable.

Indemnity

11.—(1) Subject to sub-paragraphs (2) and (3), if by reason or in consequence of the construction of any works authorised by this Schedule or in consequence of the construction, use, maintenance or failure of any of the authorised works by or on behalf of the undertaker or in consequence of any act or default of the undertaker (or any person employed or authorised by it) in the course of carrying out such works, (including without limitation works carried out by the undertaker under this Schedule or any subsidence resulting from any of these works), any damage is caused to any apparatus or alternative apparatus (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of the authorised works) or property of National Grid or there is any interruption in any service provided, or in the supply of any goods by National Grid, or National Grid becomes liable to pay any amount to any third party, the undertaker will—

- (a) bear and pay on demand accompanied by an invoice or claim from National Grid the cost reasonably and properly incurred by National Grid in making good such damage or restoring the supply; and
- (b) indemnify National Grid for any other expenses, loss, demands, proceedings, damages, claims, penalty or costs incurred by or recovered from National Grid, by reason or in consequence of any such damage or interruption or National Grid becoming liable to any third party and including STC Claims or an Incentive Deduction other than arising from any default of National Grid.

(2) The fact that any act or thing may have been done by National Grid on behalf of the undertaker or in accordance with a plan approved by National Grid or in accordance with any requirement of National Grid or under its supervision will not (unless sub-paragraph (3) applies), excuse the undertaker from liability under the provisions of this sub-paragraph (1) unless National Grid fails to

carry out and execute the works properly with due care and attention and in a skilful and workmanlike manner or in a manner that does not accord with the approved plan.

(3) Nothing in sub-paragraph (1) shall impose any liability on the undertaker in respect of—

- (a) any damage or interruption to the extent that it is attributable to the act, neglect or default of National Grid, its officers, servants, contractors or agents;
- (b) any authorised works and/or any other works authorised by this Schedule carried out by National Grid as an assignee, transferee or lessee of the undertaker with the benefit of this Order pursuant to section 156 of the Planning Act 2008 or article [] (consent to transfer benefit of the Order) subject to the proviso that once such works become apparatus (“new apparatus”), any authorised works yet to be executed and not falling within this subsection (b) will be subject to the full terms of this Schedule including this paragraph; and
- (c) any indirect or consequential loss of any third party (including but not limited to loss of use, revenue, profit, contract, production, increased cost of working or business interruption) arising from any such damage or interruption, which is not reasonably foreseeable.

(4) National Grid must give the undertaker reasonable notice of any such third party claim or demand and no settlement, admission of liability, compromise or demand must, unless payment is required in connection with a statutory compensation scheme, be made without first consulting the undertaker and considering their representations.

(5) National Grid must, in respect of any matter covered by the indemnity given by the undertaker in this paragraph, at all times act reasonably and in the same manner as it would as if settling third party claims on its own behalf from its own funds.

(6) National Grid must use its reasonable endeavours to mitigate and to minimise any costs, expenses, loss, demands, and penalties to which the indemnity under this paragraph applies where it is within National Grid’s reasonable ability and control to do so and which expressly excludes any obligation to mitigate liability arising from third parties which is outside of National Grid’s control and if reasonably requested to do so by the undertaker National Grid must provide an explanation of how the claim has been minimised, where relevant

(7) Not to commence construction (and not to permit the commencement of such construction) of the authorised works or maintenance of the authorised works on any land owned by National Grid or in respect of which National Grid has an easement or wayleave for is apparatus or any other interest or to carry out any works within 15 metres of National Grid’s apparatus until the following conditions are satisfied—

- (a) unless and until National Grid is satisfied acting reasonably (but subject to all necessary regulatory constraints) that the undertaker has first provided the acceptable security (and provided evidence that it shall maintain such acceptable security for the construction period of the authorised works (or maintenance thereof) from the proposed date of commencement of construction or maintenance of the authorised works) and National Grid has confirmed the same to the undertaker in writing; and
- (b) unless and until National Grid is satisfied acting reasonably (but subject to all necessary regulatory constraints) that the undertaker has procured acceptable insurance (and provided evidence to National Grid that it shall maintain such acceptable insurance for the construction period of the authorised works (or maintenance thereof) from the proposed date of commencement of construction or maintenance of the authorised works) and National Grid has confirmed the same in writing to the undertaker.

(8) In the event that the undertaker fails to comply with sub-paragraph (7) of this Schedule, nothing in this Schedule shall prevent National Grid from seeking injunctive relief (or any other equitable remedy) in any court of competent jurisdiction.

Enactments and agreements

12. Save to the extent provided for to the contrary elsewhere in this Schedule or by agreement in writing between National Grid and the undertaker, nothing in this Schedule affects the provisions of any enactment or agreement regulating the relations between the undertaker and National Grid in

respect of any apparatus laid or erected in land belonging to the undertaker on the date on which this Order is made.

Cooperation

13.—(1) Where in consequence of the proposed construction of any part of the authorised works, the undertaker or National Grid requires the removal of apparatus under paragraph 7(2) or National Grid makes requirements for the protection or alteration of apparatus under paragraph 9, the undertaker shall use its best endeavours to coordinate the execution of the works in the interests of safety and the efficient and economic execution of the authorised works and taking into account the need to ensure the safe and efficient operation of National Grid's undertaking and National Grid shall use its best endeavours to cooperate with the undertaker for that purpose.

(2) For the avoidance of doubt whenever National Grid's consent, agreement or approval is required in relation to plans, documents or other information submitted by the undertaker or the taking of action by the undertaker, it must not be unreasonably withheld or delayed.

Access

14. If in consequence of the agreement reached in accordance with paragraph 6(1) or the powers granted under this Order the access to any apparatus is materially obstructed, the undertaker must provide such alternative means of access to such apparatus as will enable National Grid to maintain or use the apparatus no less effectively than was possible before such obstruction.

Arbitration

15. Save for differences or disputes arising under paragraphs 7(2), 7(4), 8(1) and 9 any difference or dispute arising between the undertaker and National Grid under this Schedule must, unless otherwise agreed in writing between the undertaker and National Grid, be determined by arbitration in accordance with article [] (arbitration).

Notices

16. Notwithstanding article [] (service of notices), any plans submitted to National Grid by the undertaker pursuant to paragraph 9 must be submitted using the LSBUD system [REDACTED] or to such other address as National Grid may from time to time appoint instead for that purpose and notify to the undertaker in writing.