

SCHEDULE 8

Protective provisions

PART 4

For the protection of National Grid

Application

1. For the protection of the persons referred to in this Part of this Schedule the following provisions shall, unless otherwise agreed in writing between the undertaker and the person concerned, have effect.

Interpretation

2.—(1) In this Part of this Schedule—

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

“apparatus” means in respect of the various protected persons—

- (a) in the case of an electricity undertaker, electric lines or electrical plant as defined in the Electricity Act 1989(1), belonging to or maintained by that protected person;
- (b) in the case of a gas undertaker, any mains, pipes or other apparatus belonging to or maintained by a gas transporter for the purposes of gas supply;

“commence” has the same meaning as in article 2 but for the purposes of this Schedule any works whatsoever which are near to or may affect apparatus of the protected person shall be included within this definition and for the avoidance of doubt this includes works for the diversion or laying of services;

“functions” includes powers and duties;

“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;

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

“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 the works to be executed;

“protected person” means National Grid Electricity Transmission plc and National Grid Gas plc (together National Grid); and

“removed” in a context referring to the removal of apparatus includes the disconnection and abandonment of apparatus (because it is no longer in service and in respect of gas apparatus it has been emptied of any gas) where the retention of decommissioned apparatus would not affect the construction and use of the scheduled works, and where apparatus is so retained the nominated undertaker will take on all future liabilities arising in relation to that apparatus.

(1) 1989 c.29. Section 64 of that Act was amended by s.108 of, and Part II of Schedule 6 to, the Utilities Act 2000 (c.27). there are other amendments to the Act which are not relevant for the purposes of this Order.

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3. Except for paragraphs 4 (apparatus in stopped up streets), 9 (retained apparatus: protection: electricity undertakers), 11 (expenses) and 12 (indemnity), this Schedule does not apply to apparatus in respect of which the relations between the undertaker and the protected person are regulated by the provisions of Part 3 of the 1991 Act (as if this Order did not apply).

Apparatus of protected persons in stopped up streets

4.—(1) Where any street is permanently stopped up under this Order, any protected person whose apparatus is in the street or accessed via that street shall be entitled to the same rights in respect of such apparatus as it enjoyed immediately before the stopping up and the undertaker will grant to the protected person legal easements reasonably satisfactory to the specified protected person in respect of such apparatus and access to it prior to the stopping up of any such street or highway.

(2) Notwithstanding the temporary stopping up or diversion of any highway under the powers of article 10 (temporary stopping up of streets), or otherwise under this Order, a protected person shall be at liberty at all times to take all necessary access across any such stopped up highway and/or 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 stopping up or diversion was in that highway.

Protective works to buildings

5.—(1) The undertaker must exercise the powers conferred by this Order so as not to obstruct or render less convenient the access to any apparatus without the written consent of the protected person and, if by reason of the exercise of those powers—

- (a) any damage is caused to any apparatus (other than apparatus the repair of which is not reasonably necessary in view of its intended removal or abandonment) or property of any protected person or any interruption in the supply of electricity, gas or water, as the case may be, by the protected person, the undertaker shall bear and pay on demand the cost reasonably incurred by that protected person in making good such damage or restoring the supply; and
- (b) subject to sub-paragraph (2), must—
 - (i) make compensation to the protected person for any loss sustained by it; and
 - (ii) indemnify the protected person against all claims, demands, proceedings, costs, damages and expenses which may be made or taken against or recovered from or incurred by that protected person, by reason of any such damage or interruption.

(2) Nothing in this paragraph shall impose any liability on the undertaker with respect to any damage or interruption to the extent that such damage or interruption is attributable to the act, neglect or default of a protected person or its contractors or workmen; and the protected person shall give to the undertaker reasonable notice of any claim or demand as aforesaid and no settlement or compromise thereof shall be made without first consulting the undertaker and giving it an opportunity to make representations as to the claim or demand.

Acquisition of land

6. This Order shall not authorise the acquisition or extinguishment of land or rights in land owned by a protected person that is or are required for the retention or maintenance of any retained apparatus except with the agreement of the protected person which shall not be unreasonably withheld.

Removal of apparatus

7.—(1) If, in the exercise of agreement reached in accordance with paragraph 6 or in any other authorised manner, the undertaker acquires any interest in any land in which any apparatus is placed, that apparatus shall not be removed under this part of this Schedule and any right of a protected person to maintain that apparatus in that land shall not be extinguished until alternative apparatus has been constructed, and is in operation to the reasonable satisfaction of the protected person in question in accordance with sub-paragraph (2) to (6).

(2) If, for the purpose of executing any works 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 shall give to the protected person in question 56 days' 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 a protected person reasonably needs to remove any of its apparatus) the undertaker shall, subject to sub-paragraph (3), afford to the protected person to their satisfaction (taking into account paragraph 8(1)) the necessary facilities and rights for—

- (a) the construction of alternative apparatus in other land of 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 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, the protected person in question shall, on receipt of a written notice to that effect from the undertaker, take such steps as are reasonable in the circumstances in an endeavour 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 the protected person 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 the undertaker under this part of this Schedule shall be constructed in such manner and in such line or situation as may be agreed between the protected person in question and the undertaker.

(5) The protected person in question shall, after the alternative apparatus to be provided or constructed has been agreed, and subject to the grant to the protected person 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 Part of this Schedule.

(6) The provisions in this Schedule will prevail where there is any inconsistency or duplication between its provisions 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 easements, rights, agreements, and licences granted, used, enjoyed, or exercised by the protected person as of right or otherwise in relation to the apparatus.

Facilities and rights for alternative apparatus

8.—(1) Where, in accordance with the provisions of this Part of this Schedule, the undertaker affords to a protected person facilities and rights for the construction and maintenance in land of the undertaker of alternative apparatus in substitution for apparatus to be removed, those facilities and rights shall be granted upon such terms and conditions as may be agreed between the undertaker and the protected person in question and shall be no less favourable on the whole to the protected person in question than the facilities and rights enjoyed by it in respect of the apparatus to be removed, unless agreed by the protected person.

(2) If the facilities and rights to be afforded by the undertaker and agreed with the protected person under paragraph 8(1) in respect of any alternative apparatus, and the terms and conditions

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subject to which those facilities and rights are to be granted, are less favourable on the whole to the protected person in question 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 shall be referred to arbitration and, the arbitrator shall make such provision for the payment of compensation by the undertaker to that protected person as appears to the arbitrator to be reasonable having regard to all the circumstances of the particular case.

Retained apparatus: protection: electricity undertakers

9.—(1) Not less than 56 days before commencing the execution of any works authorised by this Order that are near to, or will or may affect, any apparatus the removal of which has not been required by the undertaker under paragraph 7(2) or otherwise, the undertaker shall submit to the protected person in question a plan in accordance with the provisions of this paragraph.

(2) In relation to any works which will or may be situated on, over, under or within 15 metres measured in any direction of any apparatus, or involve embankment works within 15 metres of any apparatus, the plan to be submitted to the protected person under sub-paragraph (1) shall be detailed including a method statement and describing—

- (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; and
- (e) by way of detailed drawings, every alteration proposed to be made to or close to any such apparatus.

(3) The undertaker shall not commence the construction or renewal of any works to which sub-paragraph (2) applies until the protected person has given written approval of the plan so submitted.

(4) Any approval of the protected person required under sub-paragraph (2)—

- (a) may be given subject to reasonable conditions for any purpose mentioned in sub-paragraph (5) or (7);
- (b) shall not be unreasonably withheld.

(5) In relation to a work to which sub-paragraph (2) applies, the protected person may require such modifications to be made to the plans as may be reasonably necessary for the purpose of securing its system against interference or risk of damage or for the purpose of providing or securing proper and convenient means of access to any apparatus.

(6) Works executed under this Order shall be executed only in accordance with the plan, submitted under sub-paragraph (1) or as relevant sub-paragraph (5), as amended from time to time by agreement between the undertaker and the protected person and in accordance with such reasonable requirements as may be made in accordance with sub-paragraph (5) or (7) by the protected person for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and the protected person shall be entitled to watch and inspect the execution of those works.

(7) Where any protected person requires any protective works to be carried out either by the protected person itself or by the undertaker (whether of a temporary or permanent nature) such protective works shall be carried out to the protected person's satisfaction prior to the carrying out of any works authorised by the Order (or any relevant part thereof) and the protected person in question shall give 56 days' notice of such works from the date of approval of a plan submitted in line with sub-paragraph (1) or (5) (except in an emergency).

(8) If a protected person in accordance with sub-paragraph (5) or (7) 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 and 7 to 8 shall apply as if the removal of the apparatus had been required by the undertaker under paragraph 7(2).

(9) Nothing in this paragraph shall preclude the undertaker from submitting at any time or from time to time, but in no case shall the execution of any works commence until 56 days have elapsed following submission of any new plan, 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.

(10) The undertaker shall 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 shall give to the protected person in question notice as soon as is reasonably practicable and a plan of those works and shall—

- (a) comply with sub-paragraph (5), (6) and (7) insofar as is reasonably practicable in the circumstances; and
- (b) comply with sub-paragraph (11) at all times.

(11) At all times when carrying out any works authorised under the Order the undertaker shall comply with National Grid’s policies for development near overhead lines EN43-8 and the Health and Safety Executive’s guidance note 6 “Avoidance of Danger from Overhead Lines”.

Retained apparatus: protection: gas undertakers

10.—(1) Not less than 56 days before commencing the execution of any works authorised by this Order that are near to, or will or may affect, any apparatus the removal of which has not been required by the undertaker under paragraph 7(2) or otherwise, the undertaker shall submit to the protected person in question a plan in accordance with the provisions of this paragraph.

(2) In relation to works which will or may be situated on, over, under or within 15 metres measured in any direction of any apparatus, or (wherever situated) impose any load directly upon any apparatus or involve embankment works within 15 metres of any apparatus, the plan to be submitted to the protected person under sub-paragraph (1) shall be detailed including a material statement and describing—

- (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 etc.;
- (d) the position of all apparatus; and
- (e) by way of detailed drawings, every alteration proposed to be made to or close to any such apparatus.

(3) The undertaker shall not commence the construction or renewal of any works to which sub-paragraph (2) applies until the protected person has given written approval of the plan so submitted.

(4) Any approval of the protected person required under sub-paragraph (2)—

- (a) may be given subject to reasonable conditions for any purpose mentioned in sub-paragraph (5) or (7);
- (b) shall not be unreasonably withheld.

(5) In relation to a work to which sub-paragraph (2) applies, the protected person may require such modifications to be made to the plans as may be reasonably necessary for the purpose of securing its system against interference or risk of damage or for the purpose of providing or securing proper and convenient means of access to any apparatus.

(6) Works executed under this Order shall be executed only in accordance with the plan, submitted under sub-paragraph (1) or as relevant sub paragraph (5), as amended from time to time by agreement between the undertaker and the protected person and in accordance with such reasonable

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requirements as may be made in accordance with sub-paragraph (5) or (7) by the protected person for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and the protected person shall be entitled to watch and inspect the execution of those works.

(7) Where any protected person requires any protective works to be carried out either by the protected person itself or by the undertaker (whether of a temporary or permanent nature) such protective works shall be carried out to the protected person's satisfaction prior to the carrying out of any works authorised by this Order (or any relevant part thereof) and the protected person in question shall give 56 days' notice of such works from the date of approval of a plan submitted in line with sub-paragraph (1) or (5) (except in an emergency).

(8) If a protected person in accordance with sub-paragraph (5) or (7) 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 and 7 to 8 shall apply as if the removal of the apparatus had been required by the undertaker under paragraph 7(2).

(9) Nothing in this paragraph shall preclude the undertaker from submitting at any time or from time to time, but in no case shall the execution of any works commence until 56 days have lapsed following submission of any new plan, 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.

(10) The undertaker shall 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 shall give to the protected person in question notice as soon as is reasonably practicable and a plan of those works and shall—

- (a) comply with sub-paragraph (5), (6) and (7) insofar as is reasonably practicable in the circumstances; and
- (b) comply with sub-paragraph (11) at all times.

(11) At all times when carrying out any works authorised under the Order comply with National Grid's policies for safe working in proximity to gas apparatus "Specification for safe working in the vicinity of National Grid, High pressure Gas pipelines and associated installation requirements for third parties T/SP/SSW22" and the Health and Safety Executive's "HS(~G)47 Avoiding Danger from underground services".

Expenses

11.—(1) Subject to the following provisions of this paragraph, the undertaker shall repay to a protected person on demand all charges, costs and expenses reasonably incurred by that protected person in, or in connection with, the inspection, removal, relaying or replacing, alteration or protection of any apparatus or the construction of any new apparatus which may be required in consequence of the execution of any such works as are referred to in this Part of this Schedule including without limitation—

- (a) any costs reasonably incurred or compensation properly paid in connection with the acquisition of rights or the exercise of statutory powers for such apparatus including without limitation in the event that the protected person elects to use compulsory purchase powers to acquire any necessary rights under paragraph 7(3) all costs incurred as a result of such action;
- (b) in connection with the cost of the carrying out of any diversion work or the provision of any alternative apparatus;
- (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;

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- (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 Part of this Schedule.
- (2) There shall 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 Part 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 the 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 settled by arbitration in accordance with article 35 (arbitration) to be necessary, then, if such placing involves cost in the construction of works under this part of 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 the protected person in question by virtue of sub-paragraph (1) shall be reduced by the amount of that excess save where it is not possible in the circumstances to obtain the existing type of operations, capacity, dimensions or place at the existing depth in which case full costs shall 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 shall 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 shall be treated as if it also had been agreed or had been so determined.
- (5) An amount which apart from this sub-paragraph would be payable to a protected person in respect of works by virtue of sub-paragraph (1) shall, 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 the protected person 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.

Indemnity

12.—(1) Subject to sub-paragraphs (2) and (3), if by reason or in consequence of the construction of any such works authorised by this Schedule or in consequence of the construction, use, maintenance or failure of any of the authorised development 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 or a protected person 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 those works) or property of a protected person, or there is any interruption in any service provided, or in the supply of any goods, by any protected person, or the protected person becomes liable to pay any amount to any third party, the undertaker shall—

- (a) bear and pay on demand the cost reasonably incurred by that protected person in making good such damage or restoring the supply; and

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(b) indemnify that protected person for any other expenses, loss, demands, proceedings, damages, claims, penalty or costs incurred by or recovered from the protected person, by reason or in consequence of any such damage or interruption or the protected person becoming liable to any third party as aforesaid.

(2) The fact that any act or thing may have been done by a protected person on behalf of the undertaker or in accordance with a plan approved by a protected person or in accordance with any requirement of a protected person or under its supervision shall not (subject to sub-paragraph (3)), excuse the undertaker from liability under the provisions of sub-paragraph (1).

(3) Nothing in sub-paragraph (1) or (2) shall impose any liability on the undertaker with respect to any damage or interruption to the extent that it is attributable to the act, neglect or default of a protected person, its officers, servants, contractors or agents.

(4) A protected person shall give the undertaker reasonable notice of any such claim or demand and no settlement or compromise shall be made without first consulting the undertaker and considering its representations.

Ground subsidence monitoring scheme in respect of protected person's apparatus

13.—(1) No works within 100 metres of any other apparatus or alternative apparatus which are capable of interfering with or risking damage to a protected person's apparatus shall commence until a scheme for monitoring ground subsidence (referred to in this paragraph as "the monitoring scheme") has been submitted to and approved by the relevant protected person, such approval not to be unreasonably withheld or delayed.

(2) The ground subsidence monitoring scheme described in sub-paragraph (1) shall set out—

- (a) the apparatus which is to be subject to such monitoring;
- (b) the extent of land to be monitored;
- (c) the manner in which ground levels are to be monitored;
- (d) the timescales of any monitoring activities; and
- (e) the extent of ground subsidence which, if exceeded, shall require the undertaker to submit for the protected person's approval a ground subsidence mitigation scheme in respect of such subsidence in accordance with sub-paragraph (3).

(3) The monitoring scheme required by sub-paragraphs (1) and (2) must be submitted within 56 days prior to the commencement of any works authorised by this Order or comprised within the authorised development. Any requirements of the protected person will be notified within 28 days of receipt of the monitoring scheme. Thereafter the monitoring scheme must be implemented as approved, unless otherwise agreed in writing with the protected person.

(4) As soon as reasonably practicable after any ground subsidence identified by the monitoring activities set out in the monitoring scheme has exceeded the level described in sub-paragraph (2)(e), a scheme setting out necessary mitigation measures (if any) for such ground subsidence (referred to in this paragraph as a "mitigation scheme") shall be submitted to the protected person for approval, such approval not to be unreasonably withheld or delayed; and any mitigation scheme must be implemented as approved, unless otherwise agreed in writing with the protected person save that the protected persons retains the right to carry out any further necessary protective works for the safeguarding of their apparatus and can recover any such costs in line with paragraph 11.

(5) If the monitoring scheme or mitigation scheme would conflict with any aspect of any ground subsidence monitoring scheme or ground subsidence mitigation scheme approved by the relevant planning authority pursuant to Part 3 of Schedule 1 (requirements) the undertaker may submit a revised monitoring scheme or mitigation scheme to the protected person for its approval, such approval not to be unreasonably withheld or delayed; and the revised monitoring scheme or

mitigation scheme must be implemented as approved, unless otherwise agreed in writing with the protected person.

Enactments and agreements

14. Nothing in this Part of this Schedule shall affect the provisions of any enactment or agreement regulating the relations between the undertaker and a protected person in respect of any apparatus laid or erected in land belonging to the undertaker on the date on which this Order is made.

Co-operation

15. Where in consequence of the proposed construction of any of the authorised development, the undertaker or a protected person requires the removal of apparatus under paragraph 7(2) or a protected person makes requirements for the protection or alteration of apparatus under paragraph 9, the undertaker shall use its best endeavours to co-ordinate the execution of the works in the interests of safety and the need to ensure the safe and efficient operation of the protected person's undertaking taking into account the undertaker's desire for the efficient and economic execution of the authorised development, and the undertaker and each relevant protected person shall use their best endeavours to co-operate with each other for those purposes.

Access

16. If in consequence of an agreement reached in accordance with paragraph 6 or the powers granted under this Order the access to any apparatus is materially obstructed, the undertaker shall provide such alternative means of access to such apparatus as will enable the protected person to maintain or use the apparatus no less effectively than was possible before such obstruction.

Arbitration

17. Save for differences or disputes arising under paragraph 7(2) or (4), 8(1), 9 and 10 any difference or dispute arising between the undertaker and a protected person under this Part of this Schedule shall, unless otherwise agreed in writing between the undertaker and that protected person, be determined by arbitration in accordance with article 35 (arbitration).