

## SCHEDULES

### SCHEDULE 6

Article 27

#### PROTECTIVE PROVISIONS

##### **Application**

1. The provisions of this Schedule have effect unless otherwise agreed in writing between the undertaker and National Grid Gas Plc.

##### **Interpretation**

2. In this Schedule—

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

“apparatus” means any mains, pipes or other apparatus belonging to or maintained by National Grid for the purpose of gas supply;

“commence” has the same meaning as in paragraph 1 of Schedule 2 (requirements);

“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” include the ability and right to construct, use or renew any apparatus or alternative apparatus of the undertaker;

“National Grid” means National Grid Gas plc, company number 2006000, registered at 1-3 Strand, London WC2N 5EH; and

“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.

##### **Acquisition of land**

3. Regardless of any provision in this Order or anything shown on the land plans or contained in the book of reference, the undertaker may not acquire any apparatus or override any easement or other interest of National Grid otherwise than by agreement.

##### **Removal of apparatus**

4.—(1) If, in the exercise of any agreement made in accordance with paragraph 3 (acquisition of land) or in any other authorised manner, the undertaker acquires any interest in 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 is not 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 (8).

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(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 must give to National Grid 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 National Grid reasonably needs to remove any of its apparatus) the undertaker must, subject to sub-paragraph (3), afford to National Grid to its satisfaction 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, National Grid must, on receipt of a written notice to that effect from the undertaker, take such steps as are reasonable in the circumstances to obtain the necessary facilities and rights in the land in which the alternative apparatus is to be constructed except that this obligation does not extend to the requirement for National Grid to use its compulsory purchase powers to this end unless it elects to do so.

(4) Any alternative apparatus to be constructed in land of 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 the grant to it 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**

5.—(1) Where, in accordance with this Schedule, the undertaker affords to National Grid 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 are to 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 agreed by it.

(2) If the facilities and rights to be afforded by the undertaker and agreed with National Grid under sub-paragraph (1) 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 is to be referred to arbitration, 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**

6.—(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 4(2) or otherwise, the undertaker must submit to National Grid a plan.

(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 National Grid under sub-paragraph (1) must be detailed including a material statement and describing—

- (a) the exact position of the works;
- (b) the level at which those works are proposed to be constructed or renewed;
- (c) the manner of the construction or renewal of those works including details of excavation, and the 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 must not commence the construction or renewal of any works to which sub-paragraph (2) applies until National Grid has given written approval of the plan so submitted.

(4) Any approval of National Grid required under sub-paragraph (3)—

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

(5) In relation to a work to which sub-paragraph (2) applies, National Grid 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 must be executed only in accordance with the plan, submitted under sub-paragraph (1) or as relevant sub-paragraph (9), 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-paragraph (5) or (7) by National Grid for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and National Grid is entitled to watch and inspect the execution of those works.

(7) Where National Grid requires any protective works (whether of a temporary or permanent nature) to be carried out either by itself or by the undertaker such protective works must be carried out to National Grid's satisfaction prior to the carrying out of any works authorised by the Order (or any relevant part of it) and National Grid must give 56 days' notice of such protective works from the date of submission of a plan in accordance with sub-paragraph (1) or (9) (except in an emergency).

(8) If National Grid 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 6 to 8 apply as if the removal of the apparatus had been required by the undertaker under paragraph 4(2).

(9) 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 any works, a new plan, instead of the plan previously submitted, and having done so the provisions of this paragraph apply to and in respect of the new plan.

(10) The undertaker is not 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 —

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

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(11) At all times when carrying out any works authorised by this Order the undertaker must 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 HSE’s “HSG 47 Avoiding Danger from underground services”.

## **Expenses**

7.—(1) Subject to the following provisions of this paragraph, the undertaker must repay to National Grid on demand all charges, costs and expenses reasonably incurred by it 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 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 National Grid elects to use powers to acquire compulsorily any necessary rights under paragraph 4(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;
- (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 must 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 30 (arbitration) 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 the undertaker in question by virtue of sub-paragraph (1) is to be reduced by the amount of that excess except where it is not possible in the circumstances to obtain the existing type of apparatus, capacity, dimensions or place at the existing depth in which case full costs must 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 must 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 must 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 National Grid in respect of works by virtue of sub-paragraph (1) must, 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.

### **Indemnity**

**8.—(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 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 the undertaker) 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 those 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 must—

- (a) bear and pay on demand the cost reasonably 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 as mentioned above.

(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 does not (subject to sub-paragraph (3)), excuse the undertaker from liability under the provisions of this sub-paragraph (1)).

(3) Nothing in sub-paragraph (1) imposes any liability on the undertaker with respect to any damage or interruption to the extent that it is attributable to the neglect or default of National Grid, its officers, servants, contractors or agents.

(4) National Grid must give the undertaker reasonable notice of any such claim or demand and no settlement or compromise is to be made without first consulting the promoter and considering their representations.

### **Ground subsidence monitoring scheme in respect of National Grid's apparatus**

**9.—(1)** No works within 15 metres of any apparatus or alternative apparatus are to commence until a scheme for monitoring ground subsidence (referred to in this paragraph as “the monitoring scheme”) which is capable of interfering with or risking damage to National Grid's apparatus has been submitted to and approved by it, such approval not to be unreasonably withheld or delayed.

- (2) The monitoring scheme must set out—
  - (a) the apparatus which is to be subject to such monitoring;
  - (b) the extent of land to be monitored;

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- (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, requires the undertaker to submit for National Grid's approval a ground subsidence mitigation scheme in respect of such subsidence in accordance with sub-paragraph (4).

(3) The monitoring scheme 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 National Grid must be notified within 28 days of receipt of the monitoring scheme. Afterwards the monitoring scheme must be implemented as approved, unless otherwise agreed in writing with National Grid.

(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") must be submitted to National Grid 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 by National Grid except that National Grid retains the right to carry out any further necessary protective works for the safeguarding of its apparatus and can recover any such costs in accordance with paragraph 7.

(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 under Schedule 2 (requirements) the undertaker may submit a revised monitoring scheme or mitigation scheme to National Grid 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 by National Grid.

### **Enactments and agreements**

**10.** 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.

### **Co-operation**

**11.** Where in consequence of the proposed construction of any of the authorised development, the undertaker and National Grid require the removal of apparatus under paragraph 4(2) (removal of apparatus) or National Grid makes requirements for the protection or alteration of apparatus under paragraph 6 (retained apparatus), the undertaker must use its reasonable endeavours to co-ordinate the execution of the works in the interests of safety and the efficient and economic execution of the authorised development and taking into account the need to ensure the safe and efficient operation of National Grid's undertaking and National Grid must use its reasonable endeavours to co-operate with the undertaker for that purpose.

### **Access**

**12.** If in consequence of any agreement made in accordance with paragraph 3 (acquisition of land) or the powers conferred by 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**

**13.** Except for differences or disputes arising under paragraphs 4(2), 4(4), 5(1) and 6 any difference or dispute arising between the undertaker and National Grid under this Schedule must, unless otherwise agreed in writing between them, be determined by arbitration in accordance with article 30 (arbitration).