

**THE INFRASTRUCTURE PLANNING (EXAMINATIONS PROCEDURE) RULES 2010**

**APPLICATION BY NATIONAL GRID ELECTRICITY TRANSMISSION  
FOR AN ORDER GRANTING DEVELOPMENT CONSENT FOR THE SEA LINK PROJECT  
(REF: EN020026)**

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**DEADLINE 3: CADENT GAS LIMITED'S  
COMMENTS ON SUBMISSIONS RECEIVED AT  
DEADLINE 2**

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## 1 INTRODUCTION

- 1.1 This is a written submission made on behalf of the Cadent Gas Limited ("Cadent") in respect of comments on Deadline 2 submission, in particular the "Applicant's Responses to Relevant Representations from Statutory Consultees and Bodies [REP2-016]. The response to Cadent's Relevant Representation appears at Table 3.1.
- 1.2 As noted by Cadent in its Relevant Representation, Cadent has identified that it will require adequate protective provisions to be included within the Sea Link Development Consent Order to ensure that its apparatus and land interests are adequately protected and to include compliance with relevant safety standards. The Applicant has indicated as follows in Table 3.1 of REP2-016:

"Cadent's request for bespoke Protective Provisions is acknowledged. The Applicant has undertaken a review of the identified asset interfaces as a basis for assessing the suitability of the Protective Provisions that have been put forward. Ongoing engagement with Cadent will seek agreement on the terms for asset protection, land rights and other requirements over the lifetime of the Proposed Project, and where necessary, their inclusion in the draft DCO" (our emphasis).

- 1.3 Discussions on protective provisions have been occurring but they are being driven by the Norwich to Tilbury Development Consent Order application, which is behind in the examination process. Moreover the above response provides no certainty to Cadent that protective provisions will be included in the draft DCO for the Sea Link project.
- 1.4 The draft DCO's submitted to date do not include specific protective provisions for the protection of Cadent. For the purposes of the Planning Act 2008 and section 127, Cadent is a statutory undertaker. Cadent require its own protective provisions in a form which is consistent with its template protective provisions to ensure that there is no serious detriment to the carrying on of Cadent's undertaking.
- 1.5 The Applicant is aware of Cadent Gas Limited's template protective provisions and section 3.1.4. of "Advice Note Fifteen 15: drafting Development Consent Orders" ("Advice Note 15") provides:

*"4.1 Applicants are encouraged to agree Protective Provisions with the protected party(ies) prior to submitting the application for development consent. Where agreement on Protective Provisions has not been reached during the Preapplication stage, applicants should, as a minimum, submit with their application the standard Protective Provisions for all relevant protected parties with any amendments that the Applicant is seeking annotated with full justification included within the Explanatory Memorandum."*
- 1.6 Notwithstanding Advice Note 15, the draft Development Consent Order has been submitted with no protective provisions for the benefit of Cadent. This is not an acceptable position. It is widely understood and has been rehearsed in numerous Development Consent Order applications that the protective provisions for Electricity, Gas, Water and Sewerage Undertakers are not acceptable to Cadent.
- 1.7 In light of the above and the Applicant's comments at Deadline 2 we wish to make the Examining Authority aware of the form of protective provisions which Cadent would wish to see on the face of the draft DCO for this project to enable these to be included in the Examining Authority's proposed schedule of changes. The form of the protective provisions are appended to this submission and an explanation as to why these protective provisions need to be included is set out in the remainder of this submission.

## **2 REGULATORY PROTECTION FRAMEWORK**

2.1 Cadent require all applicants carrying out development in the vicinity of their Apparatus to comply with:

- (a) CD/SP/SSW/22 Cadent's policies for safe working in the vicinity of Cadent's Assets;
- (b) ICE (institution of Gas Engineers) recommendations IGE/SR/18 Edition 2 Safe Working Practices to Ensure the Integrity of Gas Pipelines and Associated Installations, and
- (c) the HSE's guidance document HS(G)47 Avoiding Danger from Underground Services.

2.2 The industry standards referred to above have the specific intention of protecting:

- (a) the integrity of the pipelines and thus the distribution of gas;
- (b) the safety of the area surrounding gas pipelines;
- (c) the safety of personnel involved in working with gas pipelines.

2.3 Cadent requires specific protective provisions in place for an appropriate level of control and assurance that the industry regulatory standards will be complied with in connection with works in the vicinity of Cadent's Apparatus.

## **3 PROTECTIVE PROVISIONS**

3.1 Cadent seeks to protect its statutory undertaking, and insists that in respect of works in close proximity to its Apparatus as part of the authorised development the following procedures are complied with by the Applicant:

- (a) Cadent has had the opportunity to review and consent to the plans, methodology and specification for works within 15 metres of any Apparatus, works which will adversely affect their Apparatus or otherwise breach distances/guidance set out in paragraph 2 above.
- (b) DCO works in the vicinity of Cadent's apparatus are not authorised or commenced unless protective provisions are in place preventing compulsory acquisition of Cadent's land or rights or overriding or interference with the same.
- (c) DCO works in the vicinity of Cadent's apparatus are not commenced unless there is third party liability insurance effected and maintained for the construction period of the relevant authorised works and that the person or body undertaking the works (acknowledging the ability to transfer the benefit of the DCO) has the appropriate net worth to enable it to meet any liability arising from damage to Cadent's apparatus (acknowledging the potential significant consequences of damaging a gas pipeline) or there is appropriate security in place through a bond or guarantee.

3.2 Cadent maintain that without an agreement or qualification on the exercise of unfettered compulsory powers or works in the vicinity of its Apparatus the following consequences will arise:

- (a) Failure to comply with industry safety standards, legal requirements and Health and Safety Executive standards create a health and safety risk.
- (b) Any damage to Apparatus has potentially serious hazardous consequences for individuals/property located in the vicinity of the pipeline/apparatus if it were to fail.
- (c) Potentially significant consequences arising from lack of continuity of supply;

3.3 Insufficient property rights have the following safety implications:

- (a) Inability for qualified personnel to access apparatus for its maintenance, repair and inspection.
- (b) Risk of strike to pipeline if development occurs within the easement zone in respect of which an easement/restrictive covenant is required to protect the pipeline from development.
- (c) Risk of inappropriate development within the vicinity of the pipeline increasing the risk of the above.

3.4 The form of the protective provisions that should appear on the face of the dDCO are appended to this submission.

**Appendix**  
**Cadent's Form of Protective Provisions**

## SCHEDULE 15 PROTECTIVE PROVISIONS

Articles 44, 46 and 54

### PART 3

#### FOR THE PROTECTION OF CADENT GAS LIMITED AS GAS UNDERTAKER

##### **Application**

**13.** For the protection of Cadent the following provisions will, unless otherwise agreed in writing between the undertaker and Cadent, have effect.

##### **Interpretation**

**14.** In this Part of this Schedule—

“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; 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 (fifty million pounds) per occurrence or series of occurrences arising out of one event. Such insurance must be maintained (a) during the construction period of the authorised development; and (b) after the construction period of the Authorised Development 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 policy must include (but without limitation):

(a) an indemnity to principal clause in favour of Cadent; and

(b) pollution liability for third party property damage and third party bodily damage arising from a pollution/contamination event with a (sub)limit of indemnity of not less than £10,000,000 (ten million pounds) per event or £20,000,000 (twenty million pounds) in aggregate;

“acceptable security” means:

(a) evidence provided to Cadent's reasonable satisfaction that the undertaker has a tangible net worth of not less than £50,000,000.00 (fifty million pounds (or an equivalent financial measure); or

(b) a parent company guarantee from the parent company in favour of Cadent to cover the undertaker's liability to Cadent to a total liability cap of £50,000,000.00 (fifty million pounds) (in a form reasonably satisfactory to Cadent and where required by Cadent, 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

(c) a bank bond or letter of credit from an acceptable credit provider in favour of Cadent to cover the undertaker's liability to Cadent 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 Cadent);

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

“apparatus” means any gas mains, pipes, pressure governors, ventilators, cathodic protections, (including transformed rectifiers and any associated groundbeds or cables), cables, marker posts, block valves, hydrogen above ground installations or other apparatus belonging to or

maintained by Cadent for the purposes of Cadent's undertaking together with any replacement apparatus and such other apparatus constructed pursuant to this Order that becomes operational apparatus of Cadent for the purposes of Cadent's undertaking 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 (*interpretation*) of this Order and includes any associated development authorised by the Order and for the purposes of this Part of this Schedule includes the use and maintenance of the authorised works and construction of any works authorised by this Schedule;

“Cadent” means Cadent Gas Limited and includes its successors in title or any successor as a gas transporter within the meaning of Part 1 of the Gas Act 1986;

“Cadent’s undertaking” means the rights, duties and obligations of Cadent Gas Limited as a public gas transporter within the meaning of section 7 (licensing of public gas transporters) of the Gas Act 1986 (as amended by the Gas Act 1995);

“commence” has the same meaning as in article 2 (*interpretation*) of this Order and commencement will be construed to have the same meaning save that for the purposes of this Part of the Schedule the terms commence and commencement include operations for the purposes of archaeological or ecological investigations and investigations of the existing condition of the ground or of structures;

“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 and/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 Part of this Schedule;

“functions” includes powers and duties;

“ground mitigation scheme” means a scheme approved by Cadent (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, must require the undertaker to submit for Cadent’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;

“maintain” and “maintenance” will include the ability and right to do any of the following in relation to any apparatus or alternative apparatus of Cadent including retain, lay, construct, inspect, maintain, protect, use, access, enlarge, replace, renew, remove, decommission or render unusable or remove the apparatus;

“parent company” means a parent company of the Undertaker acceptable to and which shall have been approved by Cadent;

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

“rights” will include rights and restrictive covenants, and in relation to decommissioned apparatus the surrender of rights, release of liabilities and transfer of decommissioned apparatus;

“specified works” means any of the authorised works or activities (including maintenance) undertaken in association with the authorised works which:

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 19(2) or otherwise;

may in any way adversely affect any apparatus the removal of which has not been required by the undertaker under paragraph 19(2) or otherwise; and/or

include any of the activities that are referred to in CD/SP/SSW/22 (Cadent's policies for safe working in the vicinity of Cadent's Assets); and

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

## On Street Apparatus

**15.**—(1) Except for paragraphs 16 (*apparatus of Cadent in stopped up streets*), 19 (*removal of apparatus*) in so far as sub-paragraph (3) applies, 20 (*facilities and rights for alternative apparatus*) in so far as sub-paragraph (2) below applies, 21 (*retained apparatus: protection of Cadent*), 22 (*expenses*) and 23 (*indemnity*) of this Schedule which will apply in respect of the exercise of all or any powers under the Order affecting the rights and apparatus of Cadent, the other provisions of this Schedule do not apply to apparatus in respect of which the relations between the undertaker and Cadent are regulated by the provisions of Part 3 of the 1991 Act.

(2) Paragraphs 19 (*removal of apparatus*) and 20 (*facilities and rights for alternative apparatus*) of this Agreement will apply to diversions even where carried out under the 1991 Act, in circumstances where any apparatus is diverted from an alignment within the existing adopted public highway but not wholly replaced within existing adopted public highway.

(3) Notwithstanding article 11 (*street works*) or any other powers in the Order generally, section 85 (sharing of cost of necessary measures) of the 1991 Act in relation to cost sharing and the regulations made thereunder will not apply in relation to any diversion of apparatus of Cadent under the 1991 Act.

## Apparatus of Cadent in stopped up streets

**16.**—(1) Without prejudice to the generality of any other protection afforded to Cadent elsewhere in the Order, where any street or public right of way is stopped up under article 16 (*permanent stopping up of streets and public rights of way*), if Cadent has any apparatus in the street or public right of way or accessed via that street or public right of way Cadent will 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 Cadent, or will procure the granting to Cadent of, legal easements reasonably satisfactory to Cadent in respect of such apparatus and access to it prior to the stopping up of any such street or public right of way but nothing in this paragraph will affect any right of the undertaker or of Cadent to require the removal of that apparatus under paragraph 19 (*removal of apparatus*).

(2) Notwithstanding the temporary closure, alteration or diversion of any street, public right of way or permissive path under the powers of article 15 (*temporary closure of streets and public rights of way and permissive paths*), Cadent will be at liberty at all times to take all necessary access across any such closed, altered or diverted street, public right of way or permissive path and/or to execute and do all such works and things in, upon or under any such street, public right of way or permissive path as it would have been entitled to do immediately before such temporary closure, alteration or diversion in respect of any apparatus which at the time of the closure, alteration or diversion was in that street, public right of way or permissive path.

(3) The Protective Provisions in this Part of this Schedule apply and take precedence over article 45 (*apparatus and rights of statutory undertakers in stopped up streets*) of the Order which will not apply to Cadent.

## Protective works

**17.**—(1) The undertaker, in the case of the powers conferred by article 21 (*protective works*), must exercise those powers so as not to obstruct or render less convenient the access to any

apparatus without the written consent of Cadent and, if by reason of the exercise of those powers any damage 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 Cadent or any interruption in the supply of gas by Cadent, as the case may be, is caused solely and directly by the undertaker, the undertaker must bear and pay on receipt of an invoice the cost reasonably incurred by Cadent in making good such damage or restoring the supply; and, subject to sub-paragraph (2), will—

- (a) pay compensation to Cadent for any loss sustained by it; and
- (b) indemnify Cadent against all claims, demands, proceedings, costs, damages and expenses which may be made or taken against or recovered from or incurred by Cadent, by reason of any such damage or interruption.

(2) Nothing in this paragraph imposes 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 Cadent or its contractors or workmen; and Cadent will give to the undertaker reasonable written notice of any claim or demand as aforesaid within 30 days of becoming aware of such claim or demand and no settlement or compromise thereof will be made by Cadent, save in respect of any payment required under a statutory compensation scheme, without first consulting the undertaker and giving the undertaker an opportunity to make representations as to the claim or demand.

### **Acquisition of land**

**18.**—(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 appropriate or acquire any land interest or appropriate, acquire, extinguish, interfere with or override any easement, other interest or right and/or apparatus of Cadent otherwise than by agreement.

(2) As a condition of 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 Cadent and the undertaker) that are subject to the requirements of this Part of this Schedule that will cause any conflict with or breach the terms of any easement and/or other legal or land interest of Cadent and/or affects the provisions of any enactment or agreement regulating the relations between Cadent and the undertaker in respect of any apparatus laid or erected in land belonging to or secured by the undertaker, the undertaker must as Cadent reasonably requires enter into such deeds of consent and variations upon such terms and conditions as may be agreed between Cadent and the undertaker acting reasonably and which must be no less favourable on the whole to Cadent unless otherwise agreed by Cadent, 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) The undertaker and Cadent 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 Cadent and/or other enactments relied upon by Cadent as of right or other use in relation to the apparatus, then the provisions in this Schedule will prevail.

(4) Any agreement or consent granted by Cadent under paragraph 21 (*retained apparatus: protection of Cadent*) or any other paragraph of this Part of this Schedule, will not be taken to constitute agreement under sub-paragraph (1).

(5) As a condition of an agreement between the parties in sub-paragraph (1) that involves de-commissioned apparatus being left in situ the undertaker must accept a surrender of any existing easement and/or other interest of Cadent in such de-commissioned apparatus and consequently acquire title to such de-commissioned apparatus and release Cadent from all liabilities in respect of such de-commissioned apparatus from the date of such surrender.

(6) Where an undertaker acquires land which is subject to any Cadent right or interest (including, without limitation, easements and agreements relating to rights or other interests) and the provisions of paragraph 19 (*removal of apparatus*) do not apply, the undertaker must—

- (a) retain any notice of Cadent's easement, right or other interest on the title to the relevant land when registering the undertaker's title to such acquired land; and
- (b) (where no such notice of Cadent's easement, right or other interest exists in relation to such acquired land or any such notice is registered only on the Land Charges Register) include (with its application to register title to the undertaker's interest in such acquired land at the Land Registry) a notice of Cadent's easement, right or other interest in relation to such acquired land.

### **Removal of apparatus**

**19.**—(1) If, in the exercise of the agreement reached in accordance with paragraph 18 (*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 decommissioned or removed under this Part of this Schedule and any right of Cadent to maintain that apparatus in that land must not be extinguished until alternative apparatus has been constructed, is in operation, and the rights and facilities referred to in sub-paragraph (2) have been provided, to the satisfaction of Cadent and in accordance with sub-paragraph (2) to (5) inclusive.

(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 Cadent advance written notice of that requirement, together with a plan and section 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 Cadent reasonably needs to move or remove any of its apparatus) the undertaker must afford to Cadent to its satisfaction (taking into account paragraph 20(1) below) the necessary facilities and rights—

- (a) for the construction of alternative apparatus (including appropriate working areas required to reasonably and safely undertake necessary works by Cadent in respect of the apparatus);
- (b) subsequently for the maintenance of that apparatus (including appropriate working areas required to reasonably and safely undertake necessary works by Cadent in respect of the apparatus); and
- (c) to allow access to that apparatus (including appropriate working areas required to reasonably and safely undertake necessary works by Cadent in respect of the apparatus).

(3) If 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, Cadent may, 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 assist the undertaker in obtaining the necessary facilities and rights in the land in which the alternative apparatus is to be constructed save that this obligation will not extend to the requirement for Cadent to use its compulsory purchase powers to this end unless it (in its absolute discretion) elects to do so.

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

(5) Cadent must, after the alternative apparatus to be provided or constructed has been agreed, and subject to the prior grant to Cadent of such facilities and rights as are referred to in sub-paragraph (2) or (3) have been afforded to Cadent to its satisfaction, then proceed without unnecessary delay to construct and bring into operation the alternative apparatus and subsequently to decommission or remove any apparatus required by the undertaker to be decommissioned or removed under the provisions of this Part of this Schedule.

### **Facilities and rights for alternative apparatus**

**20.**—(1) Where, in accordance with the provisions of this Part of this Schedule, the undertaker affords to or secures for Cadent facilities and rights in land for the access to, construction and maintenance of alternative apparatus in substitution for apparatus to be decommissioned or

removed, those facilities and rights must be granted upon such terms and conditions as may be agreed between the undertaker and Cadent acting reasonably and must be no less favourable on the whole to Cadent than the facilities and rights enjoyed by it in respect of the apparatus to be decommissioned or removed unless otherwise agreed by Cadent.

(2) If the facilities and rights to be afforded by the undertaker and agreed with Cadent under sub-paragraph (1) above 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 Cadent than the facilities and rights enjoyed by it in respect of the apparatus to be decommissioned or removed (in Cadent's opinion) then the terms and conditions to which those facilities and rights are subject in the matter will be referred to arbitration in accordance with paragraph 27 (Arbitration) of this Part of this Schedule and the arbitrator will make such provision for the payment of compensation by the undertaker to Cadent as appears to the arbitrator to be reasonable having regard to all the circumstances of the particular case.

### **Retained apparatus: protection of Cadent**

**21.**—(1) Not less than 56 days before the commencement of any specified works the undertaker must submit to Cadent a plan and, if reasonably required by Cadent, a ground monitoring scheme in respect of those works.

(2) The plan to be submitted to Cadent 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 etc.;
- (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; and
- (f) any intended maintenance regimes.

(3) The undertaker must not commence any works to which sub-paragraphs (1) and (2) apply until Cadent has given written approval of the plan so submitted.

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

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

(5) In relation to any work to which sub-paragraphs (1) and/or (2) apply, Cadent may require such modifications to be made to the plans as may be reasonably necessary for the purpose of securing apparatus 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 to which this paragraph applies must only be executed in accordance with the plan, submitted under sub-paragraph (1) and (2) or as relevant sub-paragraph (4), as approved or as amended from time to time by agreement between the undertaker and Cadent and in accordance with all conditions imposed under sub-paragraph (4)(a), and Cadent will be entitled to watch and inspect the execution of those works.

(7) Where Cadent 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 Cadent's reasonable satisfaction prior to the commencement of any authorised works (or any relevant part thereof) for which protective works are required prior to commencement

(8) If Cadent, in consequence of the works proposed by the undertaker, reasonably requires the removal of any Cadent's apparatus and gives written notice to the undertaker of that requirement,

sub-paragraphs (1) to (3) and (6) to (8) apply as if the removal of the apparatus had been required by the undertaker under paragraph 19(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 the authorised works, a new plan, instead of the plan previously submitted, and having done so the provisions of this paragraph will apply to and in respect of the new plan.

(10) 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 Cadent notice as soon as is reasonably practicable and a plan of those works and must comply with—

- (a) the conditions imposed under sub-paragraph (4)(a) insofar as is reasonably practicable in the circumstances; and
- (b) sub-paragraph (11) at all times.

(11) At all times when carrying out any works authorised under the Order the undertaker must comply with Cadent's policies for safe working in proximity to gas apparatus “CD/SP/SSW/22 (Cadent's policies for safe working in the vicinity of Cadent's Assets” and HSE's “HS(~G)47 Avoiding Danger from underground services”.

(12) As soon as reasonably practicable after any ground subsidence event attributable to the authorised development the undertaker must implement an appropriate ground mitigation scheme save that Cadent retains the right to carry out any further necessary protective works for the safeguarding of its apparatus and can recover any such costs in line with paragraph 22 (*expenses*).

## Expenses

**22.**—(1) Subject to the following provisions of this paragraph, the undertaker must pay to Cadent on demand on receipt of an invoice or written breakdown all charges, costs and expenses reasonably anticipated or incurred by Cadent 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 as are referred to in this Part of this Schedule including without limitation—

- (a) any costs reasonably incurred by or compensation properly paid by Cadent in connection with the negotiation or acquisition of rights or the exercise of statutory powers for such apparatus including without limitation all costs (including professional fees) incurred by Cadent as a consequence of Cadent—
  - (i) using its own compulsory purchase powers to acquire any necessary rights under paragraph 19(3) if it elects to do so; and/or
  - (ii) exercising any compulsory purchase powers in the Order transferred to or benefitting Cadent;
- (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 Part of this Schedule;
- (g) any watching brief pursuant to paragraph 21(6).

(2) There will be deducted from any sum payable under sub-paragraph (1) the value of any apparatus removed under the provisions of this Part 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, is not determined by arbitration in accordance with article 62 (*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 Cadent by virtue of sub-paragraph (1) will be reduced by the amount of that excess save where it is not possible or appropriate in the circumstances (including due to statutory or regulatory changes) 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) An amount which apart from this sub-paragraph would be payable to Cadent 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 seven years and six months earlier so as to confer on Cadent 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

**23.**—(1) Subject to sub-paragraphs (2) and (3), if by reason or in consequence of the construction of any such works authorised by this Part of this Schedule (including without limitation relocation, diversion, decommissioning, construction and maintenance of apparatus or alternative apparatus) 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 him) in the course of carrying out such works, including without limitation works carried out by the undertaker under this Part of 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 Cadent, or there is any interruption in any service provided, or in the supply of any goods, by Cadent, or Cadent becomes liable to pay any amount to any third party, the undertaker will—

- (a) bear and pay on receipt of an invoice the cost reasonably incurred by Cadent in making good such damage or restoring the supply; and
- (b) indemnify Cadent for any other expenses, loss, demands, proceedings, damages, claims, penalty or costs incurred by or recovered from Cadent, by reason or in consequence of any such damage or interruption or Cadent becoming liable to any third party as aforesaid other than arising from any default of Cadent.

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

Cadent fails to carry out and execute the works properly with due care and attention and in a skilful and workman like manner or in a manner that does not accord with the approved plan.

- (3) Nothing in sub-paragraph (1) will impose any liability on the undertaker in respect of—
  - (a) any damage or interruption to the extent that it is attributable to the neglect or default of Cadent, its officers, servants, contractors or agents; and
  - (b) any authorised works and/or any other works authorised by this Part of this Schedule carried out by Cadent as an assignee, transferee or lessee of the undertaker with the benefit of the Order pursuant to section 156 (benefit of order granting development consent) of the Planning Act 2008 or article 7 (*consent to transfer benefit of 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 sub-paragraph (3)(b) will be subject to the full terms of this Part of this Schedule including this paragraph 23 (indemnity).
- (4) Cadent must give the undertaker reasonable notice of any such third party claim or demand and no settlement or compromise must, unless payment is required in connection with a statutory compensation scheme, be made without first consulting the promoter and considering their representations.
- (5) The undertaker must not commence construction (and must not permit the commencement of such construction) of the specified works until Cadent is satisfied acting reasonably (but subject to all necessary regulatory constraints) that the undertaker has procured acceptable insurance (and provided evidence to Cadent that it will maintain such acceptable insurance for the construction period of the specified works from the proposed date of commencement of construction of the specified works) and Cadent has confirmed the same in writing to the undertaker.
- (6) In the event that the undertaker fails to comply with sub-paragraph 23(5) of this Part of this Schedule, nothing in this Part of this Schedule will prevent Cadent from seeking injunctive relief (or any other equitable remedy) in any court of competent jurisdiction.

### **Enactments and agreements**

**24.** Save to the extent provided for to the contrary elsewhere in this Part of this Schedule or by agreement in writing between Cadent and the undertaker, nothing in this Part of this Schedule will affect the provisions of any enactment or agreement regulating the relations between the undertaker and Cadent 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**

**25.**—(1) Where in consequence of the proposed construction of any of the authorised works, the undertaker or Cadent requires the removal of apparatus under paragraph 19(2) or Cadent makes requirements for the protection or alteration of apparatus under paragraph 21 (*retained apparatus: protection of Cadent*]), the undertaker will use its best 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 Cadent’s undertaking and Cadent will use its best endeavours to co-operate with the undertaker for that purpose.

(2) For the avoidance of doubt whenever Cadent’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, Cadent’s consent must not be unreasonably withheld or delayed.

### **Access**

**26.** If in consequence of the agreement reached in accordance with paragraph 18(1) or the powers granted under this Order the access to any apparatus (including appropriate working areas required to reasonably and safely undertake necessary works by Cadent in respect of the apparatus) is materially obstructed, the undertaker must provide such alternative rights and means

of access to such apparatus as will enable Cadent to maintain or use the apparatus no less effectively than was possible before such obstruction.

### **Arbitration**

**27.** Save for differences or disputes arising under paragraphs 19(2), 19(4), 23(5) and paragraph 21 (*retained assets: protection of Cadent*) any difference or dispute arising between the undertaker and Cadent under this Part of this Schedule must, unless otherwise agreed in writing between the undertaker and Cadent, be determined by being referred to and settled by a single arbitrator to be agreed between the parties, or failing agreement, to be appointed on the application of either party (after giving notice in writing to the other) to the President of the Institute of Civil Engineers and in settling any difference or dispute, the arbitrator must have regard to the requirements of Cadent for ensuring the safety, economic and efficient operation of Cadent's apparatus.

### **Notices**

**28.** The plans submitted to Cadent by the undertaker pursuant to paragraph 21(1) must be sent to Cadent Gas Limited Plant Protection by e-mail to [plantprotection@cadentgas.com](mailto:plantprotection@cadentgas.com) copied by e-mail to [landservices@cadentgas.com](mailto:landservices@cadentgas.com) and sent to the General Counsel Department at Cadent's registered office or such other address as Cadent may from time to time appoint instead for that purpose and notify to the undertaker.