

BASELINE MARGIN PROJECT PERFORMANCE ADJUSTMENT SCHEME

RELEASE 2.0 PROJECT

Introduction

This document is issued for the purposes of the smart meter communication licences granted under the Electricity Act 1989 and the Gas Act 1986 (together, the **DCC Licence**).

This document constitutes –

(A) a direction identifying a 'Project' (the **Project**):

a. issued by the Secretary of State on 12 April 2018 under paragraph 35.5 of Condition 35 of the DCC Licence (The Chapter 9 Particular Definitions); and

~~(A)b.~~ amended on [date] by a further direction issued by the Secretary of State under that paragraph and in accordance with paragraph 2.10(b) of Condition 2 of the DCC Licence (Specific Application of Powers) identifying a 'Project'; and

(B) the terms of a Baseline Margin Project Performance Adjustment Scheme (~~a the~~ **Scheme**):

a. made by the Secretary of State on 12 April 2018 ~~in accordance with~~ under paragraph A2 of Appendix 1 to Condition 38 of the DCC Licence (Baseline Margin Project Performance Adjustment Scheme); and

~~(B)b.~~ amended by the Secretary of State on [date] in accordance with paragraph A11 of that Appendix.

and has effect for the purposes of the Price Control Conditions of the DCC Licence, and in particular Part D of Condition 38 (Calculation of the value of the BMPPA term).

Contents

~~In this Scheme, Section 1 identifies the Project to which the Scheme Relates.~~

In accordance with the provisions of paragraphs A4 and A8 of Appendix 1 to Condition 38 of the DCC Licence (Baseline Margin Project Performance Adjustment Scheme) –

• Section 1 identifies the project to which the Scheme relates (the **Project**).

- [Section 2](#) describes a number of activities carried out by the DCC for the purposes of the Project (the **Project Activities**).
- [Section 3](#) specifies a weighting factor in relation to each Project Activity (the **Project Activity Weighting Factors**).
- [Section 4](#) describes a performance target in relation to each Project Activity (the **Project Activity Milestones**).
- [Section 5](#) specifies a performance factor in relation to each Project Activity Milestone (the **Project Activity Performance Factors**).
- [Section 6 sets out provisions for the purpose of interpreting and giving effect to the Scheme \(the Scheme Principles\)](#).

Words and phrases used in this Scheme shall be interpreted in accordance with, and have any meanings given to them in, [Section 67](#).

1 The Project

1.1 The **Project** means the activities carried out (or to be carried out) by the DCC:

- (a) in accordance with the implementation plan produced by the DCC in compliance with a direction issued by the Secretary of State on 24 January 2017 under Condition 13 of the DCC Licence (Arrangements relating to the Transition Objective);
- (b) during the period 1 April 2017 to 31 March [2019/2021](#);
- (c) in order to support a change in the nature and scope of the Services by facilitating the effective delivery of Service Release 2.0.

2 The Project Activities

2.1 Each of the following activities being carried out by the DCC for the purposes of the Project shall be a Project Activity under the Scheme.

Project Activity 1A

2.2 **Project Activity 1A** constitutes all the activities undertaken by the DCC in order to provide a User Integration Testing facility for the DCC Systems functionality relating to upgraded single-

band Communications Hubs (**SBCH**), including by making available upgraded test SBCH as part of that facility for use in the North Region.

Project Activity 1B

- 2.3 **Project Activity 1B** constitutes all the activities undertaken by the DCC in order to provide a User Integration Testing facility for the DCC Systems functionality relating to upgraded SBCH, including by making available upgraded test SBCH as part of that facility for use in the Central Region and South Region.

Project Activity 2A

- 2.4 **Project Activity 2A** constitutes all the activities undertaken by the DCC in order to provide a User Integration Testing facility for the DCC Systems functionality relating to upgraded SBCH and upgraded dual-band Communications Hubs (**DBCH**), including by making available both upgraded test SBCH and DBCH as part of that facility for use in the North Region.

Project Activity 2B

- 2.5 **Project Activity 2B** constitutes all the activities undertaken by the DCC in order to provide a User Integration Testing facility for the DCC Systems functionality relating to upgraded SBCH and upgraded DBCH, including by making available both upgraded test SBCH and DBCH as part of that facility for use in the Central Region and South Region.

Project Activity 3A

- 2.6 **Project Activity 3A** constitutes the activity of delivering DBCH:

- (a) during the period which falls after the SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0:
 - (i) becoming effective in relation to Smart Metering Systems located in the CSP North Region; and
 - (ii) being supported by appropriate DCC Systems functionality; and
- (b) in accordance with arrangements to secure the delivery of those DBCH made during the period in which the DCC is not required to deliver DBCH by virtue of Section F6 of the SEC, but is obliged by virtue of variations made under Section X3 of the SEC to make a limited quantity of DBCH available to SEC Parties.

Project Activity 3B

- 2.7 **Project Activity 3B** constitutes the activity of delivering DBCH:

- (a) during the period which falls after the SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0:
 - (i) becoming effective in relation to Smart Metering Systems located in the CSP Central Region and South Regions; and
 - (ii) being supported by appropriate DCC Systems functionality; and
- (b) in accordance with arrangements to secure the delivery of those DBCH made during the period in which the DCC is not required to deliver DBCH by virtue of Section F6 of the SEC, but is obliged by virtue of variations made under Section X3 of the SEC to make a limited quantity of DBCH available to SEC Parties.

Project Activity 4A

2.8 **Project Activity 4A** constitutes the activity of delivering DBCH ~~that are required to be delivered to support the roll-out of Smart Metering Systems in the North Region:~~

(a) during the period which falls after the SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0:

(i) becoming effective in relation to Smart Metering Systems located in the CSP North Region; and

(ii) being supported by appropriate DCC Systems functionality; ~~and~~

(b) pursuant to the provisions of Section F6 of the SEC and in response to Valid Communications Hub Orders, in accordance with the provisions of Section F6 of the SEC, and in response to Valid Communications Hubs Orders that, at the time at which they are submitted, are not subject to quantitative limits set by virtue of variations made under Section X3 of the SEC the quantities that are required to be delivered in order to support the mass roll-out of Smart Metering Systems in the North Region; and

~~(b)(c)~~ such that there are no substantive problems in respect of the interoperability between the delivered DBCH in the North Region and other Devices.

Project Activity 4B

2.9 **Project Activity 4B** constitutes the activity of delivering DBCH ~~that are required to be delivered to support the roll-out of Smart Metering Systems in the Central Region and South Region:~~

(a) during the period which falls after the SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0:

(i) becoming effective in relation to Smart Metering Systems located in the CSP Central Region and South Regions; and

(ii) being supported by appropriate DCC Systems functionality; ~~and~~

(b) pursuant to the provisions of Section F6 of the SEC and in response to Valid Communications Hub Orders, in accordance with the provisions of Section F6 of the SEC and in response to Valid Communications Hubs Orders that, at the time at which they are submitted, are not subject to quantitative limits set by virtue of variations made

~~under Section X3 of the SEC~~ the quantities that are required to be delivered in order to support the mass roll-out of Smart Metering Systems in the Central Region and South Region; and

~~(b)(c)~~ such that there are no substantive problems in respect of the interoperability between the delivered DBCH in the Central Region and South Region and other Devices.

3 The Project Activity Weighting Factors

3.1 The Project Activity Weighting Factor in respect of each of the Project Activities shall be ~~that which is set out in the table~~ calculated in accordance with the formula immediately below.

$$WF_{PA} = \left(\frac{(f1_{PA} * M1) + (f2_{PA} * M2)}{M1 + M2} \right)$$

Where:

WF_{PA} is the Project Activity Weighting Factor for a Project Activity (PA);

f1_{PA} in respect of each Project Activity (PA), has the value set out in the second column of the table below;

f2_{PA} in respect of each Project Activity (PA), has the value set out in the third column of the table below;

M1 is the amount of the Project Baseline Margin (expressed in 2013/14 prices) in respect of Internal Costs incurred on the Project within all Regulatory Years up to and including the Regulatory Year ending on 31 March 2019;

M2 is the amount of the Project Baseline Margin (expressed in 2013/14 prices) in respect of Internal Costs incurred on the Project within all Regulatory Years commencing with the Regulatory Year that starts on 1 April 2019.

<u>Project Activity</u>	<u>Project Activity Weighting Factor</u> <u>Value of f1_{PA}</u>	<u>Value of f2_{PA}</u>
1A	0.075	<u>0</u>

1B	0.075	0
2A	0.100	0
2B	0.100	0
3A	0.125	0
3B	0.125	0
4A	0.200	0.500
4B	0.200	0.500

4 The Project Activity Milestones

- 4.1 Each of the following performance targets relating to the DCC's undertaking of a Project Activity shall be a Project Activity Milestone under the Scheme in respect of the specified Project Activity to which it relates.

Project Activity Milestones - General

- 4.2 The Project Activity Milestone which applies in relation to each Project Activity is that the date by which certain activities are treated as being completed by the DCC (the **Specified Date**) should be a date which falls on or before a target date (the **Milestone Date**).

- 4.3 For this purpose:

- (a) the Specified Date and Milestone Date in respect of each Project Activity are those identified in paragraphs 4.4 to 4.18;
- (b) each of the Specified Dates identified in those paragraphs is subject to the provisions of paragraphs 4.19 and 4.20 (Determinations by the Secretary of State).

Project Activity Milestone 1A

- 4.4 The Specified Date in relation to Project Activity 1A is whichever is the later of the following dates:

- (a) the date determined by the Panel as being the date on which both:
 - (i) the User Testing Entry Criteria have been met for the commencement of User Integration Testing in respect of the DCC Systems functionality relating to:
 - (A) upgraded SBCH; and
 - (B) the North Region; and
 - (ii) upgraded test SBCH have been made available within that User Integration Testing environment for use in the North Region; or
- (b) if the Panel has determined that the availability and/or stability of that User Integration Testing environment is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that environment have been satisfactorily resolved.

4.5 The Milestone Date in relation to Project Activity 1A is 21 May 2018.

Project Activity Milestone 1B

4.6 The Specified Date in relation to Project Activity 1B is whichever is the later of the following dates:

- (a) the date determined by the Panel as being the date on which both:
 - (i) the User Testing Entry Criteria have been met for the commencement of User Integration Testing in respect of the DCC Systems functionality relating to:
 - (A) upgraded SBCH; and
 - (B) the Central Region and South Region; and
 - (ii) upgraded test SBCH have been made available within that User Integration Testing environment for use in the Central Region and South Region; or
- (b) if the Panel has determined that the availability and/or stability of that User Integration Testing environment is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that environment have been satisfactorily resolved.

4.7 The Milestone Date in relation to Project Activity 1B is 21 May 2018.

Project Activity Milestone 2A

4.8 The Specified Date in relation to Project Activity 2A is whichever is the later of the following dates:

- (a) the date determined by the Panel as being the date on which both:
 - (i) the User Testing Entry Criteria have been met for the commencement of User Integration Testing in respect of the DCC Systems functionality relating to:
 - (A) both upgraded SBCH and upgraded DBCH;
 - (B) the North Region; and
 - (ii) upgraded test SBCH and DBCH have been made available within that User Integration Testing environment for use in the North Region; or
- (b) if the Panel has determined that the availability and/or stability of that User Integration Testing environment is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that environment have been satisfactorily resolved.

4.9 The Milestone Date in relation to Project Activity 2A is 19 July 2018.

Project Activity Milestone 2B

4.10 The Specified Date in relation to Project Activity 2B is whichever is the later of the following dates:

- (a) the date determined by the Panel as being the date on which both:
 - (i) the User Testing Entry Criteria have been met for the commencement of User Integration Testing in respect of the DCC Systems functionality relating to:
 - (A) both upgraded SBCH and upgraded DBCH;
 - (B) the Central Region and South Region; and

- (ii) upgraded test SBCH and DBCH have been made available within that User Integration Testing environment for use in the Central Region and South Region; or
 - (b) if the Panel has determined that the availability and/or stability of that User Integration Testing environment is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that environment have been satisfactorily resolved.
- 4.11 The Milestone Date in relation to Project Activity 2B is 19 July 2018.

Project Activity Milestone 3A

- 4.12 The Specified Date in relation to Project Activity 3A is whichever is the later of the following dates:
- (a) the date determined by the Panel as being the date from which the DCC is capable of delivering DBCH that are required to be delivered to support the roll-out of Smart Metering Systems in the North Region in circumstances in which, at the time at which the arrangements to secure their delivery are made, the DBCH are to be delivered pursuant to the requirement on the DCC, by virtue of variations made under Section X3 of the SEC, to make a limited quantity of DBCH available to SEC Parties;
 - (b) the date on which SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0 become effective in relation to Smart Metering Systems located in the North Region; or
 - (c) if the Panel has determined that the availability and/or stability of the appropriate DCC Systems functionality which supports the provision of Services in accordance with those SEC modifications is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that functionality have been satisfactorily resolved.

- 4.13 The Milestone Date in relation to Project Activity 3A is 15 October 2018.

Project Activity Milestone 3B

- 4.14 The Specified Date in relation to Project Activity 3B is whichever is the later of the following dates:

- (a) the date determined by the Panel as being the date from which the DCC is capable of delivering DBCH that are required to be delivered to support the roll-out of Smart Metering Systems in the Central Region and South Region in circumstances in which, at the time at which the arrangements to secure their delivery are made, the DBCH are to be delivered pursuant to the requirement on the DCC, by virtue of variations made under Section X3 of the SEC, to make a limited quantity of DBCH available to SEC Parties;
- (b) the date on which SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0 become effective in relation to Smart Metering Systems located in the Central Region and South Region; or
- (c) if the Panel has determined that the availability and/or stability of the appropriate DCC Systems functionality which supports the provision of Services in accordance with those SEC modifications is materially worse than could reasonably be expected, the date determined by the Panel as being the date on which all of the problems relating to the availability and/or stability of that functionality have been satisfactorily resolved.

4.15 The Milestone Date in relation to Project Activity 3B is 15 October 2018.

Project Activity Milestone 4A

4.16 The Specified Date in relation to Project Activity 4A is whichever is the later of the following dates:

- (a) the date determined by the [Panel Secretary of State](#) as being the date from which the DCC is capable of [meeting all Valid Communications Hub Orders for DBCH in the North Region without relying to any material extent on its ability under the provisions of Section F5.17 of the SEC to amend or reject such Communications Hub Orders delivering DBCH that are required to be delivered to support the roll-out of Smart Metering Systems in the North Region in accordance with the provisions of Section F6 of the SEC and in response to Valid Communications Hubs Orders that, at the time at which they are submitted, are not subject to quantitative limits set by virtue of variations made under Section X3 of the SEC](#);
- (b) [if the Secretary of State has determined that one or more Energy Suppliers are limiting the quantity of DBCH in the North Region for which they are submitting Communications Hub Orders due to their reasonable belief that the DCC would not be](#)

able to meet Communications Hub Orders for the actual quantity required, the date determined by the Secretary of State as being the date from which that conduct by those Energy Suppliers has ceased;

~~(b)(c)~~ the date on which SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0 become effective in relation to Smart Metering Systems located in the North Region if the Secretary of State has determined that there are substantive problems in respect of the interoperability between DBCH delivered by the DCC in the North Region and other Devices, the date determined by the Secretary of State as being the date from which those problems have ceased; or

~~(e)(d)~~ if the Panel-Secretary of State has determined that the availability and/or stability of the appropriate DCC Systems functionality which supports the provision of Services in accordance with those SEC modifications is materially worse than could reasonably be expected, the date determined by the Panel-Secretary of State as being the date on which all of the problems relating to the availability and/or stability of that functionality have been satisfactorily resolved.

4.17 The Milestone Date in relation to Project Activity 4A is ~~13-16 December November 2018~~2020.

Project Activity Milestone 4B

4.18 The Specified Date in relation to Project Activity 4B is whichever is the later of the following dates:

(a) the date determined by the Panel-Secretary of State as being the date from which the DCC is capable of meeting all Valid Communications Hub Orders for DBCH in the Central Region and South Region without relying to any material extent on its ability under the provisions of Section F5.17 of the SEC to amend or reject such Communications Hub Orders~~delivering DBCH that are required to be delivered to support the roll-out of Smart Metering Systems in the Central Region and South Region in accordance with the provisions of Section F6 of the SEC and in response to Valid Communications Hubs Orders that, at the time at which they are submitted, are not subject to quantitative limits set by virtue of variations made under Section X3 of the SEC;~~

(b) if the Secretary of State has determined that one or more Energy Suppliers are limiting the quantity of DBCH in the Central Region and South Region for which they are

submitting Communications Hub Orders due to their reasonable belief that the DCC would not be able to meet Communications Hub Orders for the actual quantity required, the date determined by the Secretary of State as being the date from which that conduct by those Energy Suppliers has ceased;

~~(b)(c)~~ if the Secretary of State has determined that there are substantive problems in respect of the interoperability between DBCH delivered by the DCC in the Central Region and South Region and other Devices, the date determined by the Secretary of State as being the date from which those problems have ceased~~the date on which SEC modifications requiring the DCC to provide Enrolment and Communications Services in accordance with Service Release 2.0 become effective in relation to Smart Metering Systems located in the Central Region and South Region;~~ or

~~(c)(d)~~ if the ~~Panel~~ Secretary of State has determined that the availability and/or stability of the appropriate DCC Systems functionality which supports the provision of Services in accordance with those SEC modifications is materially worse than could reasonably be expected, the date determined by the ~~Panel~~ Secretary of State as being the date on which all of the problems relating to the availability and/or stability of that functionality have been satisfactorily resolved.

4.19 The Milestone Date in relation to Project Activity 4B is ~~13-26 December November~~ 20~~20~~18.

Determinations by the Secretary of State

4.20 Where the Panel has made a determination of a type described in any of sub-paragraphs 4.4(b), 4.6(b), 4.8(b), 4.10(b), 4.12(a), 4.12(c), 4.14(a), or 4.14(c), ~~4.16(a), 4.16(c), 4.18(a) or 4.18(c),~~ and where the DCC disagrees with that determination, the DCC:

- (a) may within 14 days of the Panel's determination apply to the Secretary of State to make a fresh determination of the same question that was determined by the Panel; and
- (b) shall, where it makes that application, promptly provide to the Secretary of State all such information and evidence as he requests in relation to the question that is to be determined.

4.21 Where, following the receipt of any such application and all such information of evidence as he may request, and having followed any such process as he may consider appropriate, the Secretary of State makes a determination, and where the date that is determined by him is different from that originally determined by the Panel, then for the purposes of this Scheme:

- (a) the date determined by the Panel shall be treated as having no effect;
- (b) the date determined by the Secretary of State shall:
 - (i) be substituted for that determined by the Panel; and
 - (ii) have effect in its place as the date identified by the relevant sub-paragraph;
- (c) any consequential amendment to the Specified Date shall be made accordingly.

5 The Project Activity Performance Factors

5.1 Each of the numbers identified below in respect of a Project Activity shall be treated as the Project Activity Performance Factor (**PAPF**) in respect of that Project Activity for the purposes of this Scheme, but subject to the overriding provisions of paragraphs 5.3 to 5.6.

5.2 Where in relation to any Project Activity:

- (a) the Specified Date is either on or before the Milestone Date, the PAPF in relation to that Project Activity shall be zero;
- (b) the Specified Date occurs later than the Milestone Date, the PAPF shall be the ~~date~~ value which corresponds to the Specified Date in relation to that Project Activity in the table immediately below.

<u>Project Activities 1A and 1B Specified Date</u>	<u>Project Activities 2A and 2B Specified Date</u>	<u>Project Activities 3A and 3B Specified Date</u>	<u>PAPF for Project Activities 1A, 1B, 2A, 2B, 3A & 3B</u>	<u>Project Activity 4A Specified Date</u>	<u>Project Activity 4B Specified Date</u>	<u>PAPF for Project Activities 4A & 4B</u>
<u>Up to and including 21/05/2018</u>	<u>Up to and including 19/07/2018</u>	<u>Up to and including 15/10/2018</u>	<u>0.000</u>	<u>Up to and including 16/11/2020</u>	<u>Up to and including 26/11/2020</u>	<u>0.000</u>
<u>22/05/2018</u>	<u>20/07/2018</u>	<u>16/10/2018</u>	<u>0.017</u>	<u>17/11/2020</u>	<u>27/11/2020</u>	<u>0.033</u>
<u>23/05/2018</u>	<u>21/07/2018</u>	<u>17/10/2018</u>	<u>0.033</u>	<u>18/11/2020</u>	<u>28/11/2020</u>	<u>0.067</u>
<u>24/05/2018</u>	<u>22/07/2018</u>	<u>18/10/2018</u>	<u>0.050</u>	<u>19/11/2020</u>	<u>29/11/2020</u>	<u>0.100</u>
<u>25/05/2018</u>	<u>23/07/2018</u>	<u>19/10/2018</u>	<u>0.067</u>	<u>20/11/2020</u>	<u>30/11/2020</u>	<u>0.133</u>
<u>26/05/2018</u>	<u>24/07/2018</u>	<u>20/10/2018</u>	<u>0.083</u>	<u>21/11/2020</u>	<u>01/12/2020</u>	<u>0.167</u>
<u>27/05/2018</u>	<u>25/07/2018</u>	<u>21/10/2018</u>	<u>0.100</u>	<u>22/11/2020</u>	<u>02/12/2020</u>	<u>0.200</u>
<u>28/05/2018</u>	<u>26/07/2018</u>	<u>22/10/2018</u>	<u>0.117</u>	<u>23/11/2020</u>	<u>03/12/2020</u>	<u>0.233</u>
<u>29/05/2018</u>	<u>27/07/2018</u>	<u>23/10/2018</u>	<u>0.133</u>	<u>24/11/2020</u>	<u>04/12/2020</u>	<u>0.267</u>
<u>30/05/2018</u>	<u>28/07/2018</u>	<u>24/10/2018</u>	<u>0.150</u>	<u>25/11/2020</u>	<u>05/12/2020</u>	<u>0.300</u>
<u>31/05/2018</u>	<u>29/07/2018</u>	<u>25/10/2018</u>	<u>0.167</u>	<u>26/11/2020</u>	<u>06/12/2020</u>	<u>0.333</u>
<u>01/06/2018</u>	<u>30/07/2018</u>	<u>26/10/2018</u>	<u>0.183</u>	<u>27/11/2020</u>	<u>07/12/2020</u>	<u>0.367</u>
<u>02/06/2018</u>	<u>31/07/2018</u>	<u>27/10/2018</u>	<u>0.200</u>	<u>28/11/2020</u>	<u>08/12/2020</u>	<u>0.400</u>
<u>03/06/2018</u>	<u>01/08/2018</u>	<u>28/10/2018</u>	<u>0.217</u>	<u>29/11/2020</u>	<u>09/12/2020</u>	<u>0.433</u>
<u>04/06/2018</u>	<u>02/08/2018</u>	<u>29/10/2018</u>	<u>0.233</u>	<u>30/11/2020</u>	<u>10/12/2020</u>	<u>0.467</u>
<u>05/06/2018</u>	<u>03/08/2018</u>	<u>30/10/2018</u>	<u>0.250</u>	<u>01/12/2020</u>	<u>11/12/2020</u>	<u>0.500</u>
<u>06/06/2018</u>	<u>04/08/2018</u>	<u>31/10/2018</u>	<u>0.267</u>	<u>02/12/2020</u>	<u>12/12/2020</u>	<u>0.533</u>
<u>07/06/2018</u>	<u>05/08/2018</u>	<u>01/11/2018</u>	<u>0.283</u>	<u>03/12/2020</u>	<u>13/12/2020</u>	<u>0.567</u>
<u>08/06/2018</u>	<u>06/08/2018</u>	<u>02/11/2018</u>	<u>0.300</u>	<u>04/12/2020</u>	<u>14/12/2020</u>	<u>0.600</u>

<u>09/06/2018</u>	<u>07/08/2018</u>	<u>03/11/2018</u>	<u>0.317</u>	<u>05/12/2020</u>	<u>15/12/2020</u>	<u>0.633</u>
<u>10/06/2018</u>	<u>08/08/2018</u>	<u>04/11/2018</u>	<u>0.333</u>	<u>06/12/2020</u>	<u>16/12/2020</u>	<u>0.667</u>
<u>11/06/2018</u>	<u>09/08/2018</u>	<u>05/11/2018</u>	<u>0.350</u>	<u>07/12/2020</u>	<u>17/12/2020</u>	<u>0.700</u>
<u>12/06/2018</u>	<u>10/08/2018</u>	<u>06/11/2018</u>	<u>0.367</u>	<u>08/12/2020</u>	<u>18/12/2020</u>	<u>0.714</u>
<u>13/06/2018</u>	<u>11/08/2018</u>	<u>07/11/2018</u>	<u>0.383</u>	<u>09/12/2020</u>	<u>19/12/2020</u>	<u>0.729</u>
<u>14/06/2018</u>	<u>12/08/2018</u>	<u>08/11/2018</u>	<u>0.400</u>	<u>10/12/2020</u>	<u>20/12/2020</u>	<u>0.743</u>
<u>15/06/2018</u>	<u>13/08/2018</u>	<u>09/11/2018</u>	<u>0.417</u>	<u>11/12/2020</u>	<u>21/12/2020</u>	<u>0.757</u>
<u>16/06/2018</u>	<u>14/08/2018</u>	<u>10/11/2018</u>	<u>0.433</u>	<u>12/12/2020</u>	<u>22/12/2020</u>	<u>0.771</u>
<u>17/06/2018</u>	<u>15/08/2018</u>	<u>11/11/2018</u>	<u>0.450</u>	<u>13/12/2020</u>	<u>23/12/2020</u>	<u>0.786</u>
<u>18/06/2018</u>	<u>16/08/2018</u>	<u>12/11/2018</u>	<u>0.467</u>	<u>14/12/2020</u>	<u>24/12/2020</u>	<u>0.800</u>
<u>19/06/2018</u>	<u>17/08/2018</u>	<u>13/11/2018</u>	<u>0.483</u>	<u>15/12/2020</u>	<u>25/12/2020</u>	<u>0.814</u>
<u>20/06/2018</u>	<u>18/08/2018</u>	<u>14/11/2018</u>	<u>0.500</u>	<u>16/12/2020</u>	<u>26/12/2020</u>	<u>0.829</u>
<u>21/06/2018</u>	<u>19/08/2018</u>	<u>15/11/2018</u>	<u>0.517</u>	<u>17/12/2020</u>	<u>27/12/2020</u>	<u>0.843</u>
<u>22/06/2018</u>	<u>20/08/2018</u>	<u>16/11/2018</u>	<u>0.533</u>	<u>18/12/2020</u>	<u>28/12/2020</u>	<u>0.857</u>
<u>23/06/2018</u>	<u>21/08/2018</u>	<u>17/11/2018</u>	<u>0.550</u>	<u>19/12/2020</u>	<u>29/12/2020</u>	<u>0.871</u>
<u>24/06/2018</u>	<u>22/08/2018</u>	<u>18/11/2018</u>	<u>0.567</u>	<u>20/12/2020</u>	<u>30/12/2020</u>	<u>0.886</u>
<u>25/06/2018</u>	<u>23/08/2018</u>	<u>19/11/2018</u>	<u>0.583</u>	<u>21/12/2020</u>	<u>31/12/2020</u>	<u>0.900</u>
<u>26/06/2018</u>	<u>24/08/2018</u>	<u>20/11/2018</u>	<u>0.600</u>	<u>22/12/2020</u>	<u>01/01/2021</u>	<u>0.903</u>
<u>27/06/2018</u>	<u>25/08/2018</u>	<u>21/11/2018</u>	<u>0.617</u>	<u>23/12/2020</u>	<u>02/01/2021</u>	<u>0.906</u>
<u>28/06/2018</u>	<u>26/08/2018</u>	<u>22/11/2018</u>	<u>0.633</u>	<u>24/12/2020</u>	<u>03/01/2021</u>	<u>0.910</u>
<u>29/06/2018</u>	<u>27/08/2018</u>	<u>23/11/2018</u>	<u>0.650</u>	<u>25/12/2020</u>	<u>04/01/2021</u>	<u>0.913</u>
<u>30/06/2018</u>	<u>28/08/2018</u>	<u>24/11/2018</u>	<u>0.667</u>	<u>26/12/2020</u>	<u>05/01/2021</u>	<u>0.916</u>
<u>01/07/2018</u>	<u>29/08/2018</u>	<u>25/11/2018</u>	<u>0.683</u>	<u>27/12/2020</u>	<u>06/01/2021</u>	<u>0.919</u>
<u>02/07/2018</u>	<u>30/08/2018</u>	<u>26/11/2018</u>	<u>0.700</u>	<u>28/12/2020</u>	<u>07/01/2021</u>	<u>0.922</u>
<u>03/07/2018</u>	<u>31/08/2018</u>	<u>27/11/2018</u>	<u>0.707</u>	<u>29/12/2020</u>	<u>08/01/2021</u>	<u>0.925</u>
<u>04/07/2018</u>	<u>01/09/2018</u>	<u>28/11/2018</u>	<u>0.714</u>	<u>30/12/2020</u>	<u>09/01/2021</u>	<u>0.929</u>

<u>05/07/2018</u>	<u>02/09/2018</u>	<u>29/11/2018</u>	<u>0.721</u>	<u>31/12/2020</u>	<u>10/01/2021</u>	<u>0.932</u>
<u>06/07/2018</u>	<u>03/09/2018</u>	<u>30/11/2018</u>	<u>0.729</u>	<u>01/01/2021</u>	<u>11/01/2021</u>	<u>0.935</u>
<u>07/07/2018</u>	<u>04/09/2018</u>	<u>01/12/2018</u>	<u>0.736</u>	<u>02/01/2021</u>	<u>12/01/2021</u>	<u>0.938</u>
<u>08/07/2018</u>	<u>05/09/2018</u>	<u>02/12/2018</u>	<u>0.743</u>	<u>03/01/2021</u>	<u>13/01/2021</u>	<u>0.941</u>
<u>09/07/2018</u>	<u>06/09/2018</u>	<u>03/12/2018</u>	<u>0.750</u>	<u>04/01/2021</u>	<u>14/01/2021</u>	<u>0.944</u>
<u>10/07/2018</u>	<u>07/09/2018</u>	<u>04/12/2018</u>	<u>0.757</u>	<u>05/01/2021</u>	<u>15/01/2021</u>	<u>0.948</u>
<u>11/07/2018</u>	<u>08/09/2018</u>	<u>05/12/2018</u>	<u>0.764</u>	<u>06/01/2021</u>	<u>16/01/2021</u>	<u>0.951</u>
<u>12/07/2018</u>	<u>09/09/2018</u>	<u>06/12/2018</u>	<u>0.771</u>	<u>07/01/2021</u>	<u>17/01/2021</u>	<u>0.954</u>
<u>13/07/2018</u>	<u>10/09/2018</u>	<u>07/12/2018</u>	<u>0.779</u>	<u>08/01/2021</u>	<u>18/01/2021</u>	<u>0.957</u>
<u>14/07/2018</u>	<u>11/09/2018</u>	<u>08/12/2018</u>	<u>0.786</u>	<u>09/01/2021</u>	<u>19/01/2021</u>	<u>0.960</u>
<u>15/07/2018</u>	<u>12/09/2018</u>	<u>09/12/2018</u>	<u>0.793</u>	<u>10/01/2021</u>	<u>20/01/2021</u>	<u>0.963</u>
<u>16/07/2018</u>	<u>13/09/2018</u>	<u>10/12/2018</u>	<u>0.800</u>	<u>11/01/2021</u>	<u>21/01/2021</u>	<u>0.967</u>
<u>17/07/2018</u>	<u>14/09/2018</u>	<u>11/12/2018</u>	<u>0.807</u>	<u>12/01/2021</u>	<u>22/01/2021</u>	<u>0.970</u>
<u>18/07/2018</u>	<u>15/09/2018</u>	<u>12/12/2018</u>	<u>0.814</u>	<u>13/01/2021</u>	<u>23/01/2021</u>	<u>0.973</u>
<u>19/07/2018</u>	<u>16/09/2018</u>	<u>13/12/2018</u>	<u>0.821</u>	<u>14/01/2021</u>	<u>24/01/2021</u>	<u>0.976</u>
<u>20/07/2018</u>	<u>17/09/2018</u>	<u>14/12/2018</u>	<u>0.829</u>	<u>15/01/2021</u>	<u>25/01/2021</u>	<u>0.979</u>
<u>21/07/2018</u>	<u>18/09/2018</u>	<u>15/12/2018</u>	<u>0.836</u>	<u>16/01/2021</u>	<u>26/01/2021</u>	<u>0.983</u>
<u>22/07/2018</u>	<u>19/09/2018</u>	<u>16/12/2018</u>	<u>0.843</u>	<u>17/01/2021</u>	<u>27/01/2021</u>	<u>0.986</u>
<u>23/07/2018</u>	<u>20/09/2018</u>	<u>17/12/2018</u>	<u>0.850</u>	<u>18/01/2021</u>	<u>28/01/2021</u>	<u>0.989</u>
<u>24/07/2018</u>	<u>21/09/2018</u>	<u>18/12/2018</u>	<u>0.857</u>	<u>19/01/2021</u>	<u>29/01/2021</u>	<u>0.992</u>
<u>25/07/2018</u>	<u>22/09/2018</u>	<u>19/12/2018</u>	<u>0.864</u>	<u>20/01/2021</u>	<u>30/01/2021</u>	<u>0.995</u>
<u>26/07/2018</u>	<u>23/09/2018</u>	<u>20/12/2018</u>	<u>0.871</u>	<u>21/01/2021</u>	<u>31/01/2021</u>	<u>0.998</u>
<u>27/07/2018</u>	<u>24/09/2018</u>	<u>21/12/2018</u>	<u>0.879</u>	<u>22/01/2021</u>	<u>01/02/2021</u>	<u>1.000</u>
<u>28/07/2018</u>	<u>25/09/2018</u>	<u>22/12/2018</u>	<u>0.886</u>	-	-	-
<u>29/07/2018</u>	<u>26/09/2018</u>	<u>23/12/2018</u>	<u>0.893</u>	-	-	-
<u>30/07/2018</u>	<u>27/09/2018</u>	<u>24/12/2018</u>	<u>0.900</u>	-	-	-

<u>31/07/2018</u>	<u>28/09/2018</u>	<u>25/12/2018</u>	<u>0.902</u>	-	-	-
<u>01/08/2018</u>	<u>29/09/2018</u>	<u>26/12/2018</u>	<u>0.903</u>	-	-	-
<u>02/08/2018</u>	<u>30/09/2018</u>	<u>27/12/2018</u>	<u>0.905</u>	-	-	-
<u>03/08/2018</u>	<u>01/10/2018</u>	<u>28/12/2018</u>	<u>0.906</u>	-	-	-
<u>04/08/2018</u>	<u>02/10/2018</u>	<u>29/12/2018</u>	<u>0.908</u>	-	-	-
<u>05/08/2018</u>	<u>03/10/2018</u>	<u>30/12/2018</u>	<u>0.910</u>	-	-	-
<u>06/08/2018</u>	<u>04/10/2018</u>	<u>31/12/2018</u>	<u>0.911</u>	-	-	-
<u>07/08/2018</u>	<u>05/10/2018</u>	<u>01/01/2019</u>	<u>0.913</u>	-	-	-
<u>08/08/2018</u>	<u>06/10/2018</u>	<u>02/01/2019</u>	<u>0.914</u>	-	-	-
<u>09/08/2018</u>	<u>07/10/2018</u>	<u>03/01/2019</u>	<u>0.916</u>	-	-	-
<u>10/08/2018</u>	<u>08/10/2018</u>	<u>04/01/2019</u>	<u>0.917</u>	-	-	-
<u>11/08/2018</u>	<u>09/10/2018</u>	<u>05/01/2019</u>	<u>0.919</u>	-	-	-
<u>12/08/2018</u>	<u>10/10/2018</u>	<u>06/01/2019</u>	<u>0.921</u>	-	-	-
<u>13/08/2018</u>	<u>11/10/2018</u>	<u>07/01/2019</u>	<u>0.922</u>	-	-	-
<u>14/08/2018</u>	<u>12/10/2018</u>	<u>08/01/2019</u>	<u>0.924</u>	-	-	-
<u>15/08/2018</u>	<u>13/10/2018</u>	<u>09/01/2019</u>	<u>0.925</u>	-	-	-
<u>16/08/2018</u>	<u>14/10/2018</u>	<u>10/01/2019</u>	<u>0.927</u>	-	-	-
<u>17/08/2018</u>	<u>15/10/2018</u>	<u>11/01/2019</u>	<u>0.929</u>	-	-	-
<u>18/08/2018</u>	<u>16/10/2018</u>	<u>12/01/2019</u>	<u>0.930</u>	-	-	-
<u>19/08/2018</u>	<u>17/10/2018</u>	<u>13/01/2019</u>	<u>0.932</u>	-	-	-
<u>20/08/2018</u>	<u>18/10/2018</u>	<u>14/01/2019</u>	<u>0.933</u>	-	-	-
<u>21/08/2018</u>	<u>19/10/2018</u>	<u>15/01/2019</u>	<u>0.935</u>	-	-	-
<u>22/08/2018</u>	<u>20/10/2018</u>	<u>16/01/2019</u>	<u>0.937</u>	-	-	-
<u>23/08/2018</u>	<u>21/10/2018</u>	<u>17/01/2019</u>	<u>0.938</u>	-	-	-
<u>24/08/2018</u>	<u>22/10/2018</u>	<u>18/01/2019</u>	<u>0.940</u>	-	-	-
<u>25/08/2018</u>	<u>23/10/2018</u>	<u>19/01/2019</u>	<u>0.941</u>	-	-	-

<u>26/08/2018</u>	<u>24/10/2018</u>	<u>20/01/2019</u>	<u>0.943</u>	-	-	-
<u>27/08/2018</u>	<u>25/10/2018</u>	<u>21/01/2019</u>	<u>0.944</u>	-	-	-
<u>28/08/2018</u>	<u>26/10/2018</u>	<u>22/01/2019</u>	<u>0.946</u>	-	-	-
<u>29/08/2018</u>	<u>27/10/2018</u>	<u>23/01/2019</u>	<u>0.948</u>	-	-	-
<u>30/08/2018</u>	<u>28/10/2018</u>	<u>24/01/2019</u>	<u>0.949</u>	-	-	-
<u>31/08/2018</u>	<u>29/10/2018</u>	<u>25/01/2019</u>	<u>0.951</u>	-	-	-
<u>01/09/2018</u>	<u>30/10/2018</u>	<u>26/01/2019</u>	<u>0.952</u>	-	-	-
<u>02/09/2018</u>	<u>31/10/2018</u>	<u>27/01/2019</u>	<u>0.954</u>	-	-	-
<u>03/09/2018</u>	<u>01/11/2018</u>	<u>28/01/2019</u>	<u>0.956</u>	-	-	-
<u>04/09/2018</u>	<u>02/11/2018</u>	<u>29/01/2019</u>	<u>0.957</u>	-	-	-
<u>05/09/2018</u>	<u>03/11/2018</u>	<u>30/01/2019</u>	<u>0.959</u>	-	-	-
<u>06/09/2018</u>	<u>04/11/2018</u>	<u>31/01/2019</u>	<u>0.960</u>	-	-	-
<u>07/09/2018</u>	<u>05/11/2018</u>	<u>01/02/2019</u>	<u>0.962</u>	-	-	-
<u>08/09/2018</u>	<u>06/11/2018</u>	<u>02/02/2019</u>	<u>0.963</u>	-	-	-
<u>09/09/2018</u>	<u>07/11/2018</u>	<u>03/02/2019</u>	<u>0.965</u>	-	-	-
<u>10/09/2018</u>	<u>08/11/2018</u>	<u>04/02/2019</u>	<u>0.967</u>	-	-	-
<u>11/09/2018</u>	<u>09/11/2018</u>	<u>05/02/2019</u>	<u>0.968</u>	-	-	-
<u>12/09/2018</u>	<u>10/11/2018</u>	<u>06/02/2019</u>	<u>0.970</u>	-	-	-
<u>13/09/2018</u>	<u>11/11/2018</u>	<u>07/02/2019</u>	<u>0.971</u>	-	-	-
<u>14/09/2018</u>	<u>12/11/2018</u>	<u>08/02/2019</u>	<u>0.973</u>	-	-	-
<u>15/09/2018</u>	<u>13/11/2018</u>	<u>09/02/2019</u>	<u>0.975</u>	-	-	-
<u>16/09/2018</u>	<u>14/11/2018</u>	<u>10/02/2019</u>	<u>0.976</u>	-	-	-
<u>17/09/2018</u>	<u>15/11/2018</u>	<u>11/02/2019</u>	<u>0.978</u>	-	-	-
<u>18/09/2018</u>	<u>16/11/2018</u>	<u>12/02/2019</u>	<u>0.979</u>	-	-	-
<u>19/09/2018</u>	<u>17/11/2018</u>	<u>13/02/2019</u>	<u>0.981</u>	-	-	-
<u>20/09/2018</u>	<u>18/11/2018</u>	<u>14/02/2019</u>	<u>0.983</u>	-	-	-

<u>21/09/2018</u>	<u>19/11/2018</u>	<u>15/02/2019</u>	<u>0.984</u>	-	-	-
<u>22/09/2018</u>	<u>20/11/2018</u>	<u>16/02/2019</u>	<u>0.986</u>	-	-	-
<u>23/09/2018</u>	<u>21/11/2018</u>	<u>17/02/2019</u>	<u>0.987</u>	-	-	-
<u>24/09/2018</u>	<u>22/11/2018</u>	<u>18/02/2019</u>	<u>0.989</u>	-	-	-
<u>25/09/2018</u>	<u>23/11/2018</u>	<u>19/02/2019</u>	<u>0.990</u>	-	-	-
<u>26/09/2018</u>	<u>24/11/2018</u>	<u>20/02/2019</u>	<u>0.992</u>	-	-	-
<u>27/09/2018</u>	<u>25/11/2018</u>	<u>21/02/2019</u>	<u>0.994</u>	-	-	-
<u>28/09/2018</u>	<u>26/11/2018</u>	<u>22/02/2019</u>	<u>0.995</u>	-	-	-
<u>29/09/2018</u>	<u>27/11/2018</u>	<u>23/02/2019</u>	<u>0.997</u>	-	-	-
<u>30/09/2018</u>	<u>28/11/2018</u>	<u>24/02/2019</u>	<u>0.998</u>	-	-	-
<u>01/10/2018</u>	<u>29/11/2018</u>	<u>25/02/2019</u>	<u>1.000</u>	-	-	-

Project Activities 3A and 3B

5.3 Where the circumstances described in paragraph 5.4 apply:

- (a) the PAPF in relation to each of Project Activities 3A and 3B shall be 1 (one);
- (b) any different PAPF that would otherwise apply by virtue of the table at paragraph 5.2 shall be disregarded for the purposes of this Scheme.

5.4 The circumstances described in this paragraph are that:

- (a) DBCH have been delivered by the DCC in accordance with any arrangements made pursuant to a requirement on it, by virtue of variations made under Section X3 of the SEC, to make a limited quantity available to SEC Parties; and
- (b) more than 0.10% of those DBCH which were delivered within the first month in which that requirement had effect, have been, within three months of the date of delivery:
 - (i) returned, lost or destroyed for a reason that constitutes a CH Pre-Installation DCC Responsibility or a CH Post-Installation DCC Responsibility; or
 - (ii) subject to a Product Recall or Technology Refresh.

Project Activities 4A and 4B

5.5 Where the circumstances described in paragraph 5.6 apply:

- (a) the PAPF in relation to each of Project Activities 4A and 4B shall be 1 (one);
- (b) any different PAPF that would otherwise apply by virtue of the table at paragraph 5.2 shall be disregarded for the purposes of this Scheme.

5.6 The circumstances described in this paragraph are that:

- (a) DBCH have been delivered by the DCC, pursuant to the provisions of Section F6 of the SEC and in response to Valid Communications Hub Orders, following -such date as is determined by the Secretary of State as being the date from which the DCC is capable of meeting all Valid Communications Hub Orders for DBCH without relying to any material extent on its ability under the provisions of Section F5.17 of the SEC to amend or reject such Communications Hub Orders-~~that, at the time at which they are~~

~~submitted, are not subject to quantitative limits set by virtue of variations made under Section X3 of the SEC;~~ and

- (b) more than 0.10% of those DBCH which were delivered within the first month ~~in which following that date these provisions had effect~~, have been, within three months of the date of delivery:
 - (i) returned, lost or destroyed for a reason that constitutes a CH Pre-Installation DCC Responsibility or a CH Post-Installation DCC Responsibility; or
 - (ii) subject to a Product Recall or Technology Refresh.

6 **BMPPA Scheme Principles**

Recording and Reporting

6.1 For the purposes of paragraphs 5.3 to 5.6, the DCC shall:

- (a) maintain accurate records, supported by documentary evidence, sufficient to establish whether the circumstances described in each of paragraphs 5.4 and 5.6 apply;
- (b) whenever requested by the Secretary of State to do so, promptly provide a report to him containing such up-to-date information and evidence relating to those records as he may request;
- (c) within four months of the delivery to a SEC Party of the last DBCH falling within the scope of each of paragraphs 5.4 and 5.6:
 - (i) submit a report to the Secretary of State identifying, by reference to those records, whether or not the circumstances described in that paragraph apply; and
 - (ii) provide together with that report such supporting information and evidence as is reasonably required to support the conclusion set out in it; and
- (d) whenever requested by the Secretary of State to do so, make its records, and their supporting evidence, available for inspection and audit by any person nominated by him for that purpose.

Assessment Criteria

6.2 In respect of any provision of this Scheme under which the Panel or the Secretary of State (the Determiner) is to determine a Specified Date:

- (a) the DCC may propose criteria which are to be applied by the Panel-Determiner in making any determination or category of determinations;
- (b) the Panel-Determiner may adopt, ~~(whether or not following any proposal made by the DCC)~~, such criteria as it or he (as the case may be) considers are appropriate for that purpose;
- (c) the Panel-Determiner shall inform the DCC of any criteria that have been adopted; and
- (d) where the Panel-Determiner has adopted criteria in accordance with this paragraph, it or he (as the case may be) shall apply them when making any relevant determination of a Specified Date.

Independent Audit

6.3 In respect of any provision of this Scheme under which the Panel or the Secretary of State (the Determiner) is to determine a Specified Date:

- (a) the Panel-Determiner may instruct the DCC to appoint an independent auditor to provide a report to ~~the Panel~~the Determiner, which shall contain information and advice in relation to such matters as the Panel-Determiner may specify, in order to assist it or him (as the case may be) in making any determination or category of determinations;
- (b) the DCC shall comply with any such instruction given to it by the Panel-Determiner;
- (c) the Panel-Determiner shall be required to approve the terms on which the independent auditor is appointed and the terms of reference for the work which the auditor is to carry out, and the DCC shall appoint the auditor only on such terms as have been approved.

7 Definitions and Interpretation

7.1 Except to the extent to which an alternative definition is set out in paragraph 7.4:

- (a) words and phrases defined in either the DCC Licence or in the Smart Energy Code shall have the same meaning in this Scheme as in that document;

- (b) if the same word or phrase is defined in both such documents and the definitions are not consistent, the definition in the Smart Energy Code shall take precedence for the purposes of this Scheme.

- 7.2 The rules of interpretation set out at Condition 2 of the DCC Licence shall apply as if they formed part of this Scheme.
- 7.3 References to a Project Activity followed by an alphanumeric indicator shall be interpreted in accordance with the relevant provisions of paragraphs 2.2 to 2.9.
- 7.4 For the purposes of this Scheme, unless the context otherwise requires –

DBCH means dual-band Communications Hubs.

DCC Licence means the smart meter communication licences granted under the Electricity Act 1989 and the Gas Act 1986, taken together.

Milestone Date has the meaning given to that expression in paragraph 4.2.

PAPF means Project Activity Performance Factor.

Project has the meaning given to that expression in paragraph 1.1.

SBCH means single-band Communications Hubs.

Scheme means this Baseline Margin Project Performance Adjustment Scheme.

[SEC](#) [means the Smart Energy Code.](#)

Service Release 2.0 has the meaning given to that expression in the direction issued by the Secretary of State on 24 January 2017 under Condition 13 of the DCC Licence (Arrangements relating to the Transition Objective).

Specified Date has the meaning given to that expression in paragraph 4.2.

DRAFT