



Notification Number: 2017/350/UK

Great Britain Smart Metering Implementation Programme: Notification of smart metering technical specifications for Data Communications Company (DCC) System Release 2.

Date received : 26/07/2017

End of Standstill : 27/10/2017

Message

Message 001

Communication from the Commission - TRIS/(2017) 01958

Directive (EU) 2015/1535

Notificación - Oznámení - Notifikation - Notifizierung - Teavitamine - Γνωστοποίηση - Notification - Notification - Notifica - Pieteikums - Pranešimas - Bejelentés - Notifika - Kennisgeving - Zawiadomienie - Notificação - Hlásenie-Obvestilo - Ilmoitus - Anmälan - Нотификация : 2017/0350/UK - Notificare.

No abre el plazo - Nezahtuje odklady - Fristerne indledes ikke - Kein Fristbeginn - Viivituste perioodi ei avata - Καμία έναρξη προθεσμίας - Does not open the delays - N'ouvre pas de délais - Non fa decorrere la mora - Neietekmē atlikšanu - Atidėjimai nepradedami - Nem nyitja meg a késések - Ma' jiftaħ il-perijodi ta' dawmien - Geen termijnbegin - Nie otwiera opóźnień - Não inicia o prazo - Neotvorí oneskorenia - Ne uvaja zamud - Määräaika ei ala tästä - Inleder ingen frist - Не се предвижда период на прекъсване - Nu deschide perioadele de stagnare - Nu deschide perioadele de stagnare.

(MSG: 201701958.EN)

1. Structured Information Line

MSG 001 IND 2017 0350 UK EN 26-07-2017 UK NOTIF

2. Member State

UK

3. Department Responsible

Department for Business, Energy and Industrial Strategy
Europe Directorate
1 Victoria Street
London, SW1H 0ET

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3. Originating Department



Department for Business, Energy and Industrial Strategy
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4. Notification Number

2017/0350/UK - N00E

5. Title

Great Britain Smart Metering Implementation Programme: Notification of smart metering technical specifications for Data Communications Company (DCC) System Release 2.

6. Products Concerned

Electricity Smart Metering Equipment
Gas Smart Metering Equipment

7. Notification Under Another Act

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8. Main Content

The UK Government has introduced requirements ("roll-out licence conditions") on energy (electricity and gas) suppliers to procure and install smart meters in their domestic and smaller non-domestic customers' premises, with a limited number of exceptions, by the end of 2020. Smart meters must meet the minimum functional requirements defined in the Smart Metering Equipment Technical Specifications (SMETS) in force when they are installed. Energy suppliers must also offer consumers an In Home Display (compliant with the In Home Display (IHD) Technical Specification that forms part of the SMETS document) as part of the installation.

The technical specifications: Smart Meter Equipment Technical Specifications (SMETS); and Communication Hub Technical specifications (CHTS), the Great Britain Companion Specification (GBCS), and the roll-out licence conditions, required for Release 1 of DCC system were notified to the Commission on 31 July 2014 (2014/0378/UK). The Commission responded without detailed opinion. The specifications were adopted into the Smart Energy Code (SEC) on 8 November 2016.

This notification includes the proposed updated technical specifications for GB smart metering proposed for use with the Release 2 of the Data Communications Company (DCC) system. The roll-out licence conditions remain as previously notified.

The UK will fulfil its obligation under Article 9 of Directive 2015/1535/EU when these regulations are officially incorporated into the SEC.

9. Brief Statement of Grounds

The UK Government's vision is for every home and smaller businesses in Great Britain to have smart electricity and, where present, gas meters. Domestic consumers will also be offered an IHD. The roll-out of smart metering systems is playing an important role in Britain's transition to a low-carbon economy and help us meet some of the long-term challenges we face in ensuring an affordable, secure and sustainable energy supply. It is



also consistent with the European Directives 2009/72/EC and 2009/73/EC, the "energy third package" and the Energy Efficiency Directive (2012/27/EU).

The expected gross benefit of smart metering across the domestic and smaller non-domestic sectors is around £16.7 billion in present value terms, with combined gross present value costs of around £11 billion. This results in an expected net present value benefit of around £5.7 billion over the appraisal period to 2030.

The effective operation of a competitive retail market for electricity and gas is dependent on customers being easily able to switch energy supplier without having to exchange metering equipment. Therefore, interoperability is also a core requirement for the roll-out of smart meters. The UK Government ensures that interoperability can be achieved through mandating the SMETS, CHTS and GBCS. Because energy suppliers are responsible for the installation of smart meters, there needs to be a minimum level standardisation in the equipment they install so that smart meters installed by one energy supplier can be operated by another energy supplier. Interoperability between the smart meters, the communications hub (which will be provided by the DCC) and the DCC's systems is also provided for by the GBCS; this is needed to ensure DCC Users (Energy Suppliers, Network Operators, Energy Service Companies, etc.) can interact with the full range of smart meter functionality in a consistent manner.

The draft updated specifications for the GB smart metering DCC System Release 2 differ from those already adopted in the SEC. In essence, these are functional changes that arise from including an additional sub GHz frequency band to be used by the Communications Hub and where required by Gas Smart Metering Equipment and the IHD. This is to enable roll out to more GB homes than is currently possible with equipment working in the 2.4GHz band. A number of additional amendments have also been made as a result of defect issues in the previous versions of the specifications, as well as improvement to the clarity of drafting. However, these amendments have not introduced significant functional change.

10. Reference Documents - Basic Texts

Basic Texts have been forwarded within the framework of a previous notification: 2014/0378/UK

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

No

14. Fiscal measures

No

15. Impact assessment

Yes

16. TBT and SPS aspects



TBT aspect

No - The draft has no significant impact on international trade

SPS aspect

No - The draft is not a sanitary or phytosanitary measure

European Commission

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