RETAIL ENERGY CODE

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CHANGE PROPOSAL FORM (COPY)

1 PERSONAL DETAILS

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COMPANY *(Optional)*	Code body/ Administrator
COMPANY TYPE *(Optional)*	Elexon
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2 CHANGE PROPOSAL SUMMARY

CHANGE PROPOSAL TITLE *(Mandatory)*	Removing the Enumerations from Communications Method Data Item (J0386) to align with BSC CP 1594
WHAT IS THE ISSUE YOU ARE SEEKING TO SOLVE? *(Mandatory)*	BSC has raised Change Proposal CP1594 which seeks to create an approvals process and a valid set for communications method. This change is proposing to create an approvals process to allow for the managed end dating of older technologies, such as Public switched telephone network (PSTN), Circuit Switched Data (CSD) and later 2G, and the assessment of the validity of newer communications technologies, such as (but not exclusively) Narrow Band-Intern of Things (NBIoT) and Category M (CAT-M). The evolution of metering communication systems underscores the need for timely updates. Legacy systems risk inefficiencies and potential security vulnerabilities. Implementing an approval process, modelled on BSCP601, ensures a standardised approach to introducing new technologies and managing the exit of old ones. Further justifications include: To allow for the centrally managed end-dating of redundant communications technologies in line with known deadlines for those technologies to become redundant and unreliable. To allow for the wider industry education of newer types of

	communication technologies. To create and expand the already existing central knowledge base of the evolution and attributes of newer communication technologies as they relate to Settlement Metering Equipment. To ensure transparency for all industry participants on the newer communications types available and the dates for which legacy communications must be removed. CP1594 will create a valid set, linked to the new approval process and using Data Item J0386 as a conduit to detail the approved communication methods as well as end dates for communication methods which are becoming redundant and unreliable.
WHAT IMPACT IS THIS HAVING? *(Mandatory)*	Given the impending timescales for the PSTN shut off, the cessation of CSD (and later the shutdown of 2G) it is imperative that communications methods used for remote Advanced Metering are updated and future proofed as soon as possible. Without a more central intervention of education of the issue and newer communication types, as well as the regulatory end dating of redundant methods, there is a large risk to Settlement and wider industry that a large proportion of the Advanced Metering portfolio will stop communicating at the end of 2025 if these Metering Systems are not upgraded to newer 4G LTE communication methods.
WHAT OUTCOMES DO YOU CONSIDER ARE NEEDED TO ACHIEVE AN EFFECTIVE SOLUTION? *(Mandatory)*	As the new process is linked to the J0386 Data Item within the Retail Energy Code (REC) Energy Market Data Specification (EMDS), Elexon are raising this corresponding REC Change to amend the Communications Method Data Item (J0386) to remove the hard coded enumerations and instead state the valid set is defined under the BSC within the Communications Method Approval document (which will be created as part of CP1594. This is akin to the current process for managing the Outstation Type Data Item (J0471) but also remove the need to raise an EMDS change whenever an update to the valid set is required. It will also allow end dates to be assigned against communication types which is a critical feature of the process implemented under CP1594. it should be noted that the intention of CP1594 is to implement the foundational process for which Communication Methods can be more centrally managed. However to minimise the impact to participants it is not intended to act as a vehicle for the data cleanse of the values

	themselves. This activity will take place following any implementation of this REC Change This will allow a quicker and more efficient review of the current communication types whilst ensuring that there is no impact to parties where the BSC CP is implemented prior to the corresponding REC Change. One exclusion to this will be the end-dating of CSD and PSTN as communication methods. This is due to these services becoming redundant by the end of 2025. However as the end date is long after the proposed implementation of the REC CP then there will be no immediate impacts to REC (or BSC) stakeholders, other than to note that PSTN and CSD Communication Methods should be replaced by December 2025.
IS THERE ANY BACKGROUND INFORMATION OR CONTEXT TO THE CHANGE PROPOSAL THAT WOULD BE USEFUL? *(Optional)*	CP1594 is the primary CP for which this REC Change has been raised to align with.

3 CONSUMER IMPACTS

WHICH CONSUMER TYPES WILL BE IMPACTED BY THIS CHANGE PROPOSAL? *(Mandatory)*	☒ Electricity ☐ Gas ☐ Domestic Prepayment ☐ Domestic Credit ☒ Microbusiness ☒ Small and Medium Enterprise (SME) ☒ Industrial and Commercial (I&C) ☐ Other (please specify in the Additional information box below)
WHAT IMPACT WILL THIS CHANGE PROPOSAL HAVE FOR THESE CONSUMERS? *(Mandatory)*	☐ Switching experience ☒ Billing accuracy ☐ Trust and confidence ☐ Safety ☐ Security of supply ☐ Ability to pay ☐ On site experience ☒ Other (please provide details in the Additional information box below)

ADDITIONAL INFORMATION *(Optional)*	If redundant Communications replacements are not actioned in a timely manner effectively then consumers could lose access to remote data. Whilst this isn't a direct impact it would likely lead to estimated data until such time those communications could be replaced (meaning less accurate bills).

4 CODE IMPACTS

Does this Issue relate to or impact:

THE REC OR REC SCHEDULES? *(Optional)*	☐ Main Body ☐ Interpretations and Definitions Schedule ☐ Transition Schedule ☐ Accession Agreement ☐ Company Governance Schedule ☐ Change Management Schedule ☐ Performance Assurance Schedule ☐ Qualification and Maintenance Schedule ☐ Market Exit Schedule ☐ Charging Methodology Schedule ☐ Prepayment Arrangements Schedule ☐ Central Switching Service Schedule ☐ Data Access Schedule ☐ Energy Theft Reduction Schedule ☐ Transfer of Consumer Data Schedule ☐ Metering Operations Schedule ☐ Metering Accreditation Schedule ☐ Secure Data Exchange Schedule ☐ Green Deal Arrangements Schedule ☐ Registration Services Schedule ☐ Related Metering Points Schedule ☐ Address Management Schedule ☐ Switching Data Management Schedule ☐ RMP Lifecycle Schedule ☐ Switching Service Management Schedule ☐ Resolution of Consumer Facing Switching and Billing Issues Schedule ☐ SPAA Transition Schedule ☐ MRA Transition Schedule ☐ Unbilled Energy Code of Practice

	☐ Consolidated Metering Code of Practice (CoMCoP) ☐ Change Panel Terms of Reference ☐ Performance Assurance Board Terms of Reference
ADDITIONAL INFORMATION *(Optional)*	Elexon do not believe that this CP should have any impact on the REC or any REC schedules.

THE DATA SPECIFICATION? *(Optional)*	☒ Data Item Catalogue ☐ Market Message Catalogue ☐ Data Access Matrix ☐ Standards Definition
ADDITIONAL INFORMATION *(Optional)*	

CENTRAL SYSTEMS OR REC SERVICES? *(Optional)*	☐ Electricity Enquiry Service ☐ Central Data Service Provider Further Services ☐ Secure Data Exchange Service ☐ Green Deal Central Charging Database ☐ Central Switching Service (CSS) ☐ CSS Certificate Authority ☐ Switching Operator ☐ Gas Retail Data Service ☐ Electricity Retail Data Service ☐ Gas Enquiry Service ☐ Energy Theft Tip Off Service (ETTOS)
ADDITIONAL INFORMATION *(Optional)*	No impact

REC PARTIES AND/OR MARKET PARTICIPANTS? *(Optional)*	☒ Energy Suppliers ☐ Distribution Network Operators ☐ Gas Transporters ☒ Metering Equipment Managers ☐ DCC ☐ Shippers ☒ Data Collectors

	☐ Data Aggregators ☐ Green Deal Providers ☐ Green Deal Finance Parties ☐ Meter Asset Providers ☐ AMR Service Providers ☐ EES Users ☐ GES Users ☐ GDCC Users ☐ Other (please provide details in the Additional Information box)
ADDITIONAL INFORMATION *(Optional)*	

OTHER INDUSTRY CODES? *(Optional)*	☒ BSC ☐ DCUSA ☐ SEC ☐ UNC ☐ IGT UNC
ADDITIONAL INFORMATION *(Optional)*	

DOES THIS CHANGE PROPOSAL IMPACT A SIGNIFICANT CODE REVIEW? *(Optional)*	No
ADDITIONAL INFORMATION *(Optional)*	

5 CHANGE PROGRESSION

DO YOU BELIEVE THIS CHANGE PROPOSAL MEETS THE CRITERIA FOR 'URGENCY' AND SHOULD BE PROGRESSED UNDER AN URGENT TIMETABLE? **IF SO, PLEASE PROVIDE JUSTIFICATION?** *(Optional)*	No
ARE THERE ANY REQUIRED TIMESCALES FOR THE DEVELOPMENT OR IMPLEMENTATION OF THIS CHANGE PROPOSAL? *(Optional)*	Elexon request that this CP is implemented 23 August 2024. We understand that there is a scheduled EMAR release for this time. The BSC CP is proposed for a June release date but recognise that this is likely to soon for the corresponding REC Changes to the EMAR to be progressed. Elexon are proposing this August date as opposed to the November release so that the process implemented under CP1594 can be used as soon as possible to refine the current communication methods under this data item. This will allow Elexon and industry to have a better understanding of the volume of certain type of communication methods currently in situ and begin to work towards more education and centrally required data cleanses that will be essential to ensure that the risk of redundant communication methods is managed effectively.
ARE YOU AWARE OF ANY DEPENDENCIES ASSOCIATED WITH THE CHANGE PROPOSAL WHICH MAY IMPACT ITS PRIORITY OR PROGRESSION TIMETABLE? *(Optional)*	CP1594 is the corresponding BSC Change but that CP has been designed so that the REC Change does not need to be implemented at the same time as the BSC Change is proposed for a June Implementation. However the process implemented under CP1594 can not be used fully until this REC Change is implemented and so we have requested implementation in August as opposed to November.
DOES THIS CHANGE PROPOSAL RELATE TO AN EXISTING OR PREVIOUS CHANGE PROPOSAL? *(Optional)*	BSC CP1594

6 ATTACHMENTS

ATTACH/PROVIDE ANY SUPPORTING DOCUMENTS TO BE SUBMITTED WITH THE FORM	