

RETAIL ENERGY CODE

REC RELEASE JANUARY 2022

Item	Title	Presenter
1	Introduction	Fiona Murray
2	Release Plan	Fiona Murray
3	Release scope & impacts	Fiona Murray
4	EMAR Pre-Release demonstration	Michael Taylor
5	Questions	Code Manager
6	Data Specification preview	Neil Brinkley
7	Questions	Neil Brinkley

Hyperlinks

- ✓ User Guides and Operational Documents
- ✓ REC Documents
- ✓ Smart Meter Installation Code of Practice (SMICoP)
- ✓ Code Administration Code of Practice
- ✓ RECCo website
- ✓ Gas Enquiry Service

1



Search...

Back to REC Documents

Upcoming REC Releases

This page will provide REC stakeholders with information relating to upcoming REC releases. This includes access to the Release Plan, Pre-Release and other relevant information. If you have any questions relating to upcoming REC releases please contact change.management@recmanager.com for further assistance.

Extraordinary Release - (V2.2.0) - 31st January 2022

Release Plan	V1.0	Download
--------------	------	----------

June 2022 Release (V2.3.0) - 30th June 2022

Coming soon

Archived Releases

Access archived release documentation here

3

Release Plan

- Scope of the January 2022 Release;
- Detail of impacted REC products and REC Service Provider systems;
- Impacted stakeholders;
- Release milestone plan, including Pre Release, stakeholder engagement and Release information; and
- Training and Guidance.

The following Change Proposals are in scope of this Release:

R0012 – Housekeeping amendments to REC V2

Some Change Proposals, implemented in previous codes, were identified by the Code Manager that were not reflected in the REC V2 drafting.

Other updates include omissions and typographical errors in the Code.

These need to be corrected to ensure the REC accurately reflects the provisions migrated from previous codes.

The updated and two new REC products will be available on the REC Portal and EMAR from 31 January 2022. However, you will be able to see the detailed changes via the Pre-Release on EMAR.

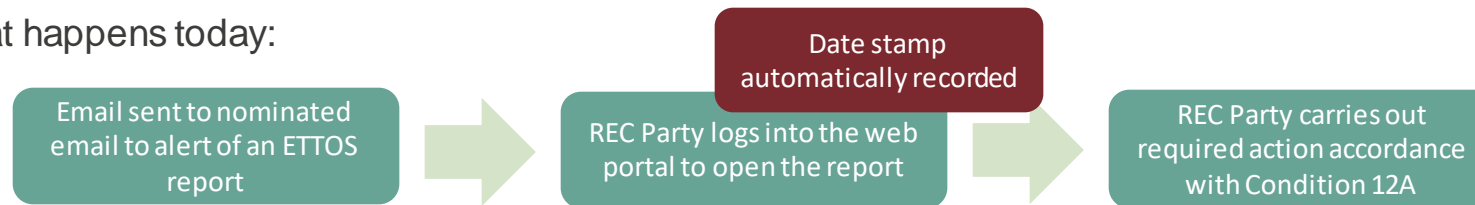
As these changes have already been implemented under other codes, this change does not introduce any direct impacts to stakeholders.

R0020 – ETTOS Report Dissemination

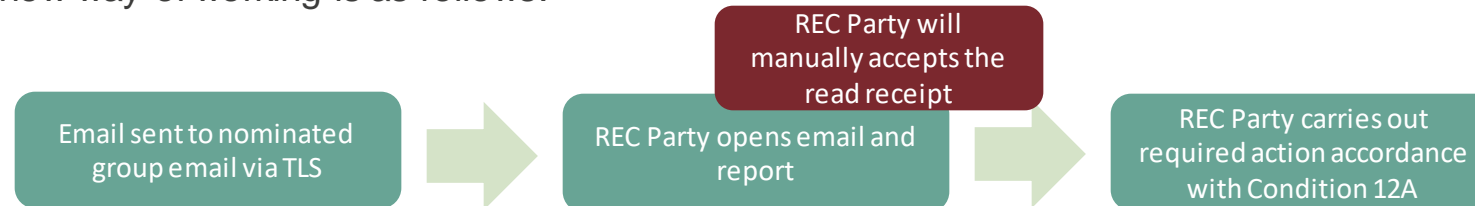
The Energy Theft Tip Off Service Provider is replacing the web portal with the encrypted email service Transport Layer Security (TLS) v1.2.

This change will impact Gas Transporters, Distribution Network Operators and Energy Suppliers.

What happens today:



The new way of working is as follows:



Group email addresses need to be provided to the ETTOS Service Provider by 31 January 2022, to ensure reports can continue to be received.

The web portal will be decommissioned on 14 February 2022, any historical reports that are required will need to be downloaded prior to this date.

Any reports that have been raised since 17 February 2022 that have been unopened will be resent via email on 31 January 2022.

RETAIL
ENERGY
CODE



EMAR PRE-RELEASE DEMONSTRATION

ACCESSING PRE-RELEASE INFORMATION IN EMAR

- Portal Release Page to EMAR
- Pre-Release Information

The screenshot displays the 'RETAIL ENERGY CODE' portal interface. On the left is a navigation sidebar with options: My Dashboard, Past Operations, Change and Release, Committees, Knowledge and Service Desk, and Digital REC and EMAR. The main content area is titled 'REC Documents' and includes a search bar, a user profile for 'Beth Brown', and a list of document categories: 'The REC', 'Category 3 Products', 'REC Forms and Templates', 'Stakeholder Engagement Products', and 'REC Release Information'. The 'REC Release Information' button is circled in red. An 'Upcoming REC Releases' pop-up window is overlaid on the right, containing a table of releases and a 'Link to EMAR' button circled in red.

REC Documents

This page provides access to various REC documents you may need to access:

- The REC - a copy of the current version of the REC in PDF format. Access to the Digital REC or previous versions of the REC can be accessed via the [EMAR](#).
- Category 3 Products - all Category 3 documents listed on the REC Baseline Statement, such as user guides and operational procedures.
- REC Forms and Templates - application forms and document templates used by parties and the Code Manager to support REC processes.
- Stakeholder Engagement Products - Access the Code Manager's Stakeholder Engagement Strategy and Stakeholder Communication Plan to understand more about how you can expect the Code Manager to engage with you in the operation of the REC.
- REC Release Information - access to information on upcoming REC releases, including Release Plans and Pre-Release Information.

Upcoming REC Releases

This page will provide REC stakeholders with information relating to upcoming REC releases. This includes access to the Release Plan, Pre-Release and other relevant information.

If you have any questions relating to upcoming REC releases please contact change.management@recmanager.co.uk for further assistance.

Extraordinary Release - (V2.2.0) - 31st January 2022

Release Plan	V1.0	Download
REC V2.2.0 Pre-Release	V2.2.0	Link to EMAR

June 2022 Release (V2.3.0) - 30th June 2022

Coming soon

Archived Releases

[Access archived release documentation here](#)

- 31 January Pre-Release Landing Page
- Explore Stream

The screenshot shows the EMAR web interface. At the top, there is a navigation bar with 'Project Dashboard', 'Artifacts', 'Reviews', and 'Reports'. Below this is a breadcrumb trail: 'Manage Components and Configurations / Browse Components / EMAR /'. The main title of the page is 'Stream: REC V2.2.0_Pre-release_31 January 2022'. Below the title, there are tabs for 'Change Sets', 'Streams', 'Baselines', and 'Details'. The 'Baselines' tab is currently selected. Below the tabs, there is a table with columns for 'Actions', 'Name', 'Created by', 'Created', and 'Description'. The table is currently empty. To the right of the table, there is a sidebar with an 'Overview' section. The 'Overview' section contains the following information: 'Type: Stream', 'Flow target: REC_V2.1.0_Live_4_November_2021', 'Baseline: REC V2.2.0_Pre-release_31 January 2022 Initial Baseline', 'Created by: dec.parnell@caggemini.com', 'Date created: Jan 4, 2022, 4:49:14 PM', and 'Last modified: Jan 4, 2022, 4:49:22 PM'. The 'Explore Stream' button in the top right corner of the main content area is circled in red.

- Explore REC Artifacts
- Compare Streams Functions

IBM Engineering Requirements Management DOORS Next (/rm)

EMAR | EMAR

Project Dashboard | Artifacts | Reviews | Reports

REC V2.2.0_Pre-release_31 January 2022 | Michael Taylor

Search Artifacts

To create, edit, or save artifacts, views and ReqIF settings, you must work in a new or existing change set. [show details](#)

Artifacts | All | Modules | Collections

Create | Folder | Type to filter artifacts by text or by ID

Folders | Views

- EMAR
 - Business Processes
 - Business Rules
 - Business Terms
 - Code Schedules**
 - Accession Agreement Artifacts
 - ASPCoP Artifacts
 - Central Data Service Provider Further Services Service Definition Artifacts
 - Change Management Artifacts
 - Change Management Schedule artifacts

ID	Name	Artifact Type	Modified By	Modified On	Primary Text
291891	Charging Methodology	Code Schedule	Rosalind Timperley	Sep 7, 2021, 1:16:47 PM	
282158	Interpretations	Code Schedule	Nina Petkovski	Aug 27, 2021, 9:21:11 AM	
52693	Metering Accreditation	Code Schedule	Will Graham	Sep 14, 2021, 5:30:03 PM	
21152	MOCOP	Code Schedule	Rosalind Timperley	Sep 14, 2021, 5:08:11 PM	
20802	Unbilled Energy Code of Practice	Code Schedule	Will Graham	Sep 23, 2021, 4:17:26 PM	
20633	MCoP	Code Schedule	Nina Petkovski	Sep 24, 2021, 9:30:57 AM	
20370	ASPCoP	Code Schedule	Rosalind Timperley	Aug 26, 2021, 7:33:16 AM	
20158	Performance Assurance	Code Schedule	Rosalind Timperley	Aug 17, 2021, 12:17:02 PM	
20002	REC Transition Schedule	Code Schedule	Nina Petkovski	Aug 27, 2021, 10:04:45 AM	
19039	SPAA Transition Schedule	Code Schedule	Brendan Mulrone	Jan 7, 2022, 12:12:05 PM	

- Compare Stream – Local Configuration Options

Select Configuration to Compare

Component: EMAR

Streams

Configurations that you switched to: [Filters](#)

Stream Name	Created By	Creation Date
REC V2.2.0_Pre-release_31 January 2022	dec.parnell@capgemini.com	Jan 4, 2022 4:49 PM
EMAR V3 Additions and Updates	charles.mason@capgemini.com	Apr 26, 2021 9:08 AM
REC_V2.1.0_Live_4_November_2021	dec.parnell@capgemini.com	Nov 3, 2021 9:53 AM

◀ Previous | 1 - 3 of 3 | Next ▶

Cancel OK

The screenshot shows the EMAR Dashboard interface. At the top, there are tabs for "[EMAR Dashboard]" and "[REC Portal]". The user is logged in as "Michael Taylor". A dropdown menu is open for the configuration "REC V2.2.0_Pre-release_31 January 2022". The menu options are:

- Local Configuration
 - Create Baseline...
 - Compare Configuration...
 - Deliver Changes...
 - Accept Changes...
- Change Set
 - Create Change Set...

The "Compare Configuration..." option is circled in red. Below the menu, a table lists configuration changes with columns for "Modified On" and "Created On".

Modified On	Created On
Sep 7, 2021, 1:16:47 PM	Sep 7, 2021, 1:16:47 PM
Aug 27, 2021, 9:21:11 AM	Aug 27, 2021, 9:21:11 AM
Sep 14, 2021, 5:30:03 PM	Sep 14, 2021, 5:30:03 PM
Sep 14, 2021, 5:08:11 PM	Sep 14, 2021, 5:08:11 PM
Sep 23, 2021, 4:17:26 PM	Sep 23, 2021, 4:17:26 PM
Sep 24, 2021, 9:30:57 AM	Sep 24, 2021, 9:30:57 AM

IBM Engineering Requirements Management DOORS Next (r/m)

EMAR | EMAR

Michael Taylor

Compare Configurations

< Back Next > Close

Artifacts

Search Artifacts...

Only in REC V2.2.0_Pre-release_31 January 2022 (0 of 200)

In both, but different (11 of 173)

- 291891: Charging Methodology
- 12665: Data Access
- 282158: Interpretations
- 52693: Metering Accreditation
- 9059: Metering Operations
- 16781: MRA Transition Schedule
- 20158: Performance Assurance
- 9594: Prepayment Arrangements
- 13241: Service Definition for the Electricity E...
- 19039: SPAA Transition Schedule
- 20802: Unbilled Energy Code of Practice**

Changes from REC V2.2.0_Pre-release_31 January 2022 to REC_V2.1.0_Live_4_November_2021. (?)

20802:Unbilled Energy Code of Practice

Content Attributes

	REC V2.2.0_Pre-release_31 January 2022 (Source)	REC_V2.1.0_Live_4_November_2021 (Target)
	have an appropriate reporting process in place to enable individuals to inform them of suspected interference. This should include a telephone number for reporting such information,	include a telephone number for reporting such information,
20856	6 Information exchange between Parties	6 Information exchange between Parties
20857	Provision of Information from Distributors and/or Gas Transporters to Energy Suppliers	Provision of Information from Distributors and/or Gas Transporters to Energy Suppliers
20858	6.1 Network Parties and Energy Suppliers must have an appropriate mechanism in place to enable individuals to inform them of suspected Energy Theft.	6.1 Network Parties and Energy Suppliers must have an appropriate mechanism in place to enable individuals to inform them of suspected Theft of Energy.
20859	6.2 If a Network Party becomes aware of any suspected incidents of Energy Theft, and where the Network Party is providing information to the	6.2 If a Network Party becomes aware of any suspected incidents of Energy Theft, and where the Network Party is providing information to the
20860	6.3 When the Distributor or Gas Transporter carries out a Disconnection on the grounds of safety due to damage or interference arising as a result of Energy Theft, then the Network Party shall i	6.3 When the Distributor or Gas Transporter carries out a Disconnection on the grounds of safety due to damage or interference arising as a result of Energy Theft, then the Network Party shall i
20861	6.4 If the Distributor or Gas Transporter (or its Revenue Protection Agent) becomes aware of any suspected or actual incidence of Energy Theft which is not	6.4 If the Distributor or Gas Transporter (or its Revenue Protection Agent) becomes aware of any suspected or actual incidence of Energy Theft which is not
20862	6.5 Where an exchange of data is required, Parties shall pass the data between themselves with the appropriate levels of security.	6.5 Where an exchange of data is required, Parties shall pass the data between themselves with the appropriate levels of security.

Synchronized scrolling Open Artifact

RETAIL ENERGY CODE



LIVE DEMO

RETAIL ENERGY CODE



ANY QUESTIONS?

RETAIL ENERGY CODE



NEW FORMAT FOR HUMAN READABLE DATA
SPECIFICATION

RETAIL ENERGY CODE

NEW EMAR DATA SPECIFICATION FORMAT



← / Message Flows / | 297098 MM00001 - D0001 - 001 - Request Metering System Investigation

MM00001 - D0001 - 001 - Request Metering System Investigation

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00001	Investigation into suspected metering fault due to possible MAR discrepancies, invalid meter readings, timing device or meter or communications fault.	D0001	001	Sufficient information to identify the nature of the fault must be given. This flow only to be used where the metering point is currently energised.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner
SV00001	Request Metering System Investigation	Distribution Network Operator	Half Hourly Data Collector	Balancing and Settlement Code Company
SV00002	Request Metering System Investigation	Electricity Supplier	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00112	Request Metering System Investigation	Distribution Network Operator	Non Half Hourly Data Collector	Balancing and Settlement Code Company
SV00223	Request Metering System Investigation	Distribution Network Operator	Electricity Supplier	Balancing and Settlement Code Company
SV00334	Request Metering System Investigation	Half Hourly Data Collector	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00387	Request Metering System Investigation	Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement Code Company
SV00398	Request Metering System Investigation	Non Half Hourly Data Collector	Electricity Meter Equipment Manager	Balancing and Settlement Code Company

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50008	J0012	Additional Information
DI50016	J0024	Site Visit Check Code
DI50098	J0173	Reason for Request
DI50099	J0174	Appointment Date
DI50154	J0292	Earliest Appointment Time
DI50155	J0293	Latest Appointment Time
DI50468	J1012	Date Fault Suspected/Detected

Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name
001	Metering Points for Investigation	1-*		G								
					1							MPAN Core
					O							Appointment Date
					O							Earliest Appointment Time
					O							Latest Appointment Time
002	Meters to be Investigated	1-*		G								
						1						Meter Id (Serial Number)
003	Meter Registers to be Investigated	1-*				G						
							1					Meter Register Id

Type:
Format:

Comments:
Links:
Where:

RETAIL ENERGY CODE

NEW DOWNLOADABLE HTML DATA SPECIFICATION

Message Flows (Market Messages)

Market Message ID	Legacy Id	Name
MM00001	D0001	Request Metering System Investigation
MM00003	D0082	Supplier - Supplier Purchase Matrix Report
MM00004	D0086	Notification of Change of Supplier Readings
MM00007	D0089	Notification from MPAS of Changed Metering Point Details
MM00008	D0090	Confirmation of the Removal of a Registration Objection
MM00009	D0091	Notification of Removal of a Registration Objection
MM00010	D0092	Advice to an Old Supplier of a Change of Supply Registration Deletion
MM00011	D0093	Advice to a New Supplier of a Change of Supply Registration Deletion
MM00012	D0095	Non Half Hourly Data Aggregation Exception Report
MM00013	D0002	Fault Resolution Report or Request for Decision on Further Action
MM00014	D0125	Confirmation of Disconnection of Supply
MM00016	D0126	Asset Condition Report Response / Clearance
MM00017	D0131	Metering Point Address Details
MM00020	D0132	Details of Disconnection of Supply
MM00021	D0134	Request to Change Energisation Status
MM00023	D0135	Asset Condition Report
MM00029	D0136	Report to Supplier of Possible Irregularity
MM00036	D0139	Confirmation or Rejection of Energisation Status
MM00042	D0142	Request for Installation or Change to a Metering Functionality or the Removal of All Meters
MM00043	D0148	Notification of Change to Other Parties
MM00047	D0149	Notification of Mapping Details
MM00051	D0150	Non Half-hourly Meter Technical Details
MM00056	D0151	Termination of Appointment or Contract by Supplier
MM00062	D0152	Metering System EAC/AA Historical Data
MM00063	D0153	Notification of Data Aggregator Appointment and Terms
MM00065	D0155	Notification of Meter Operator or Data Collector and Terms
MM00069	D0164	Notification of New or Changed Interruption of Distribution System Enquiry
MM00071	D0166	Distribution System Enquiry
MM00072	D0167	Response to Distribution System Enquiry
MM00073	D0168	Request for Additional/New MPAN Core(s)
MM00074	D0169	Allocation of New/Additional MPAN Core(s)
MM00075	D0170	Request for Metering System Related Details
MM00079	D0003	Half Hourly Advances
MM00085	D0171	Notification of Distributor Changes to Metering

Flow Structure

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name	
001	Metering Points for Investigation	1-*		G								MPAN Core	
					1							Appointment Date	
					O								Earliest Appointment Time
					O								Latest Appointment Time
002	Meters to be Investigated	1-*		G								Meter Id (Serial Number)	
						1							
003	Meter Registers to be Investigated	1-*				G						Meter Register Id	
							1					Reason for Request	
								1					Date Fault Suspected/Detected
										C			
759	Site Visit Information	0-*		G								Additional Information	
						1							Site Visit Check Code
						O						Additional Information	

MM00001 - Request Metering System Investigation

Market Message Information

Market Message Reference	MM00001
MM Description	Investigation into suspected metering fault due to possible MAR discrepancies, invalid meter readings, timing device or meter or communications fault.
Legacy Reference	D0001
Version	001
Notes	Sufficient information to identify the nature of the fault must be given. This flow only to be used where the metering point is currently energised.

Scenario Variants

Scenario Variant	Source	Target	Owner
SV00001	Distribution Network Operator	Half Hourly Data Collector	Balancing and Settlement Code Company
SV00002	Electricity Supplier	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00112	Distribution Network Operator	Non Half Hourly Data Collector	Balancing and Settlement Code Company
SV00223	Distribution Network Operator	Electricity Supplier	Balancing and Settlement Code Company
SV00334	Half Hourly Data Collector	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00387	Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement Code Company
SV00398	Non Half Hourly Data Collector	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00409	Non Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement Code Company
SV00420	Non Half Hourly Data Retriever	Non Half Hourly Data Collector	Balancing and Settlement Code Company
SV00431	Electricity Supplier	Half Hourly Data Collector	Balancing and Settlement Code Company

Data Items

Data Item Number	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50008	J0012	Additional Information
DI50016	J0024	Site Visit Check Code
DI50098	J0173	Reason for Request
DI50099	J0174	Appointment Date

RETAIL ENERGY CODE



LIVE DEMO

RETAIL ENERGY CODE



ANY QUESTIONS?