GUIDE FOR THE IMPLEMENTATION OF EXCHANGE OF DATA WITH RTE FOR THE MANAGEMENT OF PERIMETERS, THE PERFORMANCE CONTROL AND THE DEMAND RESPONSE COMPENSATION PAYMENT UNDER THE BALANCING MECHANISM

Version 2.5

This implementation guide applies to exchanges of data with a validity date after 1 November 2020

CONTENTS

Recitals

This document describes the formats and procedures for exchanging data to RTE relating to the management of the perimeters of the extraction balancing entities and the load curves of the extraction and injection balancing entities.

1 General points

1.1 General elements on the structure of the exchanged files

All files exchanged are text files:

- each row is a set of fields separated by a "separator";
- the "separator" of the fields is the semicolon character (";");
- the decimal separator for numeric values is the comma (",").

1.1.1 Line 1 of a file transmitted to RTE

No.	Field	Format
1	The date the file was created	A *date* in the form "YYYYYMMDD"
2	Time to create file	A *time* in the form "hhmmss"

1.1.2 Last line of a file passed to RTE

No.	Field	Format
1	An end-of-file indicator to ensure that the file is fully populated	"<EOF>" (5 characters)

In the rest of the document, the contents of the first and last lines are indicated only if necessary.

1.2 General elements about the format of data in files

A date is said to be "YYYYMMDD" when it is a string of characters where:

- YYYY represents the year in 4 digits (e.g. 2012);
- MM represents the month in 2 digits, from 01 to 12;
- DD represents the day in 2 digits, from 01 to 31.

A month is said as "YYYYMM" when it is a character string where:

- YYYY represents the year in 4 digits (e.g. 2012);
- MM represents the month in 2 digits, from 01 to 12.

A time is said as "hhmmss" when it is a character string where:

- "hh" represents the hour in 2 digits, from 00 to 23;
- "mm" represents the minutes in 2 digits, from 00 to 59;
- "ss" represents the seconds in 2 digits, from 00 to 59.

A date/time (i.e., a date and time) is said as "YYYYMMDDhhmmss" when it is a character string where:

- "YYYY" represents the year in 4 digits (e.g. 2012);
- "MM" represents the month in 2 digits, from 01 to 12;
- "DD" represents the day in 2 digits, from 01 to 31;
- "hh" represents the hour in 2 digits, from 00 to 23;
- "mm" represents the minutes in 2 digits, from 00 to 59;
- "ss" represents the seconds in 2 digits, from 00 to 59.

Subscribed capacity is an electrical power expressed in kVA for extraction sites connected in LV and in kW for extraction sites connected in HV.

The EIC code (Energy Identification Code) is an identifier used for electronic exchanges (EDI - Electronic Data Interchange) between service providers in the power market. The codes used in several markets are published on the ENTSO-E[1]'s institutional website. Local codes of service providers who wish to do so are published in the Customer Space of RTE[2]'s web portal.

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[1] EIC codes published on the institutional website of the ENTSO-E → www.eiccodes.eu.

[2] EIC codes published by the various European referencing bureaus: by RTE's codification office in the Customer Area → Entity Code.. By other European TSOs: https://www.entsoe.eu/resources/edi-library/links/..

An EIC code is a string of no more than 62 characters composed of the following characters only:

- alphabetical letters in uppercase and unaccented letters (A-Z);
- hyphen (-);
- number (0-9).

A site is associated with a flag named TYPE_CDC indicating the type of load profile used for the allocation process. Possible values are:

- TELERELEVE;
- ESTIME.

A site code can refer to the code of a Delivery Point (PDL), the code of a Distribution Network Access Agreement (CARD), or the code of a Measurement Reference Point (PRM). It is a code composed of alphanumeric characters (maximum forty characters, only non-accented letters, numbers and underscores are allowed), internal to the distribution system operator and uniquely identifies the site.

For a given site, once the PDL, CARD or PRM code has been chosen by the distribution system operator to communicate with RTE on a demand response mechanism, the distribution system operator undertakes to use the same identifier to communicate with RTE under the other mechanisms.

An RPD site is a site connected to the Public Distribution System.

An external RPD site code is a concatenation of the character strings "PDL", "CARD" or "PRM" (3 or 4 characters) and of the previously defined site code.

A Source Substation code is a 6-character string (5 characters corresponding to the CODENAT and 1 additional digit corresponding to the voltage level). It is composed only of the following characters:

- alphabetical letters in uppercase and unaccented letters (A-Z);
- full stop (.);
- space ( )
- underscore (_);
- number (0-9).

An EDA code consists of no more than 8 characters from:

- alphabetical letters in uppercase and unaccented letters (A-Z);
- numbers (0-9).

The EIF code is an identifier used to identify a Bid of Inseparable from Supply Demand Response (EIF). The EIF code associated with an EIF bid is determined by the supplier marketing the bid.

The EIF code is a string composed only of:

- alphabetical letters in capital letters and not accented letters (A-Z);
- numbers (0-9).

2 Technique for exchanging data to RTE

The technique used for the transfer of reference data (contractualisation of impact factor by delivery point substation, load curves) is the https protocol.

Https can be sent automatically via a dedicated URL that will be communicated later or via an interface made available by RTE allowing manual loading of the file.

An exemption from sending by email to an RTE Front Office mailbox may be granted to Distribution System Operators for sending their data where it is impossible to implement.

These techniques are derived from those described in the RTE IS (Information System) access rules. The descriptions of these can be found on RTE's Customer Portal, and more specifically in the documents currently available: IS Rules and General Appendix of IS Rules.

For technical installation arrangements, Balancing Service Provider and Distribution System Operators are invited to approach their RTE contact.

Files can be sent compressed or uncompressed. They are accepted if their size is less than 30 MB.

For large shipments greater than 30 MB compressed, the file must be sent in multiple zipped archives. The size of each zipped archive should not exceed 30 MB.

To split a file "filename" into multiple archives, the following order of operations is important and must be complied with:

- Truncate the file "filename" into n files: with n the total number of files and i varying from 1 to n
  - <filename>_i_n
- Zip each of these files into a .zip archive
  - <filename>_i_n.zip
  - each of the archives.zip must not exceed 30 MB

3 Data exchanged between Balancing Service Providers and Distribution System Operators

The methods for the exchange of information between balancing service providers and distribution system operators are described in specific technical agreements.

4 List of Distribution System Operators from which receipt of contract data for consumption sites is expected

RTE maintains a list of DSOs from which consumption site contracting data is expected. Of these DSOs, RTE expects each month all 3 files described in paragraphs 5.1, 5.2 and 5.4.

This list includes DSOs that submitted contract data during the previous month (i.e. DSOs on the network from which sites that participate in the Balance Mechanism during the current month).

If, for the month M+1, no consumption site connected to the network of a DSO in this list participates in the Balance Mechanism, RTE expects an empty file from this DSO. If this situation continues, the DSO can forward a request to its RTE contact person to be removed from the list and thus avoid the obligation to provide empty files on a monthly basis.

If a DSO not included in the list receives a request for a consumption site to be attached to a balancing perimeter, no later than 10 working days before the end of month M, the DSO must make itself known to the RTE contact person in order to be included in the above list.

5 Data provided by RTE Distribution System Operators

5.1 Consumption Sites connected to the distribution grid belonging to a Remotely-Read Consumption Balancing Entity (Contract Data)

5.1.1 Description

Each Distribution System Operator concerned shall forward to RTE the reference of all Consumption Sites connected to its distribution network that participate in the Balance Mechanism within a Remotely-Read Extraction EDA. This file is updated every calendar month.

5.1.2 File Name

No.	Field	Format
1	File type	"MA_REFST_TLRLV_GRD" (uppercase).
2	The month of validity of this information	A *month* in the form "YYYYMM".
3	The EIC code of the site connection DSO.	An *EIC code*. The site connection DSO may be required from another DSO.
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

MA_REFST_TLRLV_GRD_[Month of Validity]_[GRD's EIC Code]_[Creation Time].csv

5.1.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

5.1.4 File line 2

No.	Field	Format
1	The EIC code of the site connection DSO	An *EIC code*. The site connection DSO may be required from another DSO.
2	The month of validity of this information	A *month* in the form "YYYYMM".

5.1.5 File line 3

This line is identical in all files of this type. It contains, in order to improve the readability of the files, the ordered labels of the fields in the following rows:

"CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE; CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MAX_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC; ORIGINE_DONNEE;OBJET_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORRIGE;CODE_EIF;"

5.1.6 Line 4 to penultimate

Each row in a file corresponds to a Consumption Site. The format of each row is as follows:

No.	Field	Format
1	The EIC code of the site connection distribution system operator (CODE_EIC_GRD)	The service provider's *EIC code*.
2	<PDL/PRM/CARD> (TYPE_SITE)	Value "PDL" or "PRM" or "CARD".
3	Consumption Site unique ID (ID_SITE)	A *site code.*
4	The Maximum Balancing Cross-zonal capacity Upward of the Consumption Site (CAPA_MAX_H_SITE)	In kW (integer, maximum 6 digits, strictly greater than zero)
5	The Minimum Balancing Cross-zonal capacity Upward of the Consumption Site (CAPA_MIN_H_SITE)	In kW (positive integer not more than 6 digits)
6	The Maximum Balancing Cross-zonal capacity Downward of the Consumption Site (CAPA_MAX_B_SITE)	In kW (positive integer not more than 6 digits)
7	The Minimum Balancing Cross-zonal capacity Downward of the Consumption Site (CAPA_MIN_B_SITE)	In kW (positive integer not more than 6 digits)
8	CAPA_MAX_RPH_SITE	Empty field
9	CAPA_MAX_RSH_SITE	Empty field
10	CAPA_MAX_RPB_SITE	Empty field
11	CAPA_MAX_RSB_SITE	Empty field
12	Subscribed Capacity of the Site (PS)	In kW (maximum 6 digit integer)
13	The EIC code of the Consumption Site BRE (CODE_EIC_RE)	The service provider's *EIC code*.
14	The EIC code of the Consumption Site Supplier (CODE_EIC_FOURNISSEUR)	The service provider's *EIC code*.
15	Fixed scale of prices for the Supplier Payment (BAREME)	"REMOTELY-READ"

No.	Field	Format
16	Demand response category (CATEGORIE)	"INF_36" (for a power-consuming site subscribing to power ≤ 36 kVA) or "SUP_36" (power-consuming site subscribing to power > 36 kVA)
17	The type of load curve used in the flow allocation process (TYPE_CDC)	"REMOTELY-READ"
18	Source of the load curve (ORIGINE_DONNEE)	"DSO"
19	Measurement subject (OBJET_MESURE)	"METERING DATA "
20	Type of contract between the DSO and the distribution grid access site (TYPE_CONTRAT)	"CARD" or "CONTRAT_UNIQUE" or Empty Field.
21	The code of an EDA (CODE_EDA)	An *EDA code.*
22	This Consumption Site participates in NEBEF (demand response participation in energy markets) (CODE_EDE)	"N" (for no) or the code of an Demand Response Entity (EDE). An EDE code is a string composed only of the following characters: – alphabetical letters in uppercase and unaccented letters (A-Z); – hyphen (-); – number (0-9).
23	The date of contractualisation of the site with the OE that has within its perimeter the EDE identified in the CODE_EDE field (DATE_CONTRACTUALISATION)	Empty field
24	CODE_EDR	Empty field
25	DEROGATION_MODELECORRIGE	"YES" or "NO" or blank field to indicate if the site has a waiver that prevents it from being on the corrected model for the type of mechanism (Balance Mechanism or NEBEF Mechanism) concerned.
26	CODE_EIF	The "EIF code" of the inseparable from supply demand response bid, as defined by the supplier when transmitting to the system operators. "N" if no bid of inseparable from supply demand response is subscribed by the site.

5.1.7 Sample File

File "MA_REFST_TLRLV_GRD_201209_1598765432C1234X_20120822141234.csv"

```
20120822;141234

1598765432C1234X;201209

CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE;
CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MA
X_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC;ORIGINE_DONNEE;OBJET
_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORR
IGE;CODE_EIF;

1598765432C1234X;PDL;12345654321456;6;0;3,5;1;;;;;50;64575678C1234X67S91Z;1111678C1234X67S91Z
;TELERELEVE;SUP_36;TELERELEVE;GRD;COMPTAGE;CARD;NMEDATC1;N;;;OUI;EIFPOW001;

1598765432C1234X;PRM;65445611111456;9;0;6,5;2,5;;;;;10;64575678C1234X67S91Z;1111678C1234X67S9
1Z;TELERELEVE;SUP_36;TELERELEVE;GRD;COMPTAGE;CARD;NMEDATC1;EDEPOPE001;;;OUI;N;

1598765432C1234X;PRM;65445655555456;150;5;0;0;;;;;20;64575678C1234X67S91Z;1111678C1234X67S91Z
;TELERELEVE;SUP_36;TELERELEVE;GRD;COMPTAGE;CONTRAT_UNIQUE;NMEDATC1;N;;;OUI;N;

…

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5.1.8 Submission frequency and limit time for receipt by RTE

Each Distribution System Operator concerned transmits one file to RTE per Calendar Month. This file must be received by RTE no later than five (5) Working days before the beginning of the 1st day of the calendar month of validity of this information (M). It provides an image of the contractual situation of the sites (BRE and Supplier) on the 1st day of the month M-1. In the event of any change in the BRE and Supplier data between the 1st day of the month M-1 and the first day of the month M, the Distribution System Operator is invited to contact RTE for regularisation.

Data transmission is done via the https protocol or in case of technical impossibility by email.

In case of technical impossibility requiring sending by email, the subject of the mail sending the file to RTE is imposed:

RD-MAREF	Character string
__	Two successive underscores
DSO's COVADIS code	4-digit code from COVADIS
_	An underscore
Date of the first day of data	Format YYYYMM01

Example: *RD-MAREF__9999_20100201* is the subject of the e-mail by which the 9999 Distribution System Operator sends RTE the reference data of consumption sites belonging to a Remotely-Read Extraction EDA for the month of February 2010.

5.2 Consumption Sites connected to the distribution network belonging to a Profiled Extraction Balancing Entity (Contractualisation Data)

5.2.1 Description

Each Distributor System Operator concerned shall forward to RTE the reference of all Consumption Sites connected to its distribution system that participate in the Balance Mechanism within a Profiled Extraction EDA. This file is updated every calendar month.

5.2.2 File Name

No.	Field	Format
1	File type	"MA_REFST_PROF_GRD" (in uppercase).
2	The month of validity of this information	A *month* in the form "YYYYMM".
3	The EIC code of the site connection DSO	An *EIC code*. The site connection DSO may be required from another DSO.
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

MA_REFST_PROF_GRD_[Month of validity]_[DSO's EIC code]_[Date/time created].csv

5.2.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

5.2.4 File line 2

No.	Field	Format
1	The EIC code of the site connection DSO	An *EIC code*. The site connection DSO may be required from another DSO.
2	The month of validity of this information	A *month* in the form "YYYYMM".

5.2.5 File line 3

This line is identical in all files of this type. It contains, in order to improve the readability of the files, the ordered labels of the fields in the following rows:

"CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE;CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MAX_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC;ORIGINE_DONNEE;OBJET_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORRIGE;CODE_EIF;"

5.2.6 Line 4 to penultimate

Each line in a file corresponds to a Consumption Site and the format of each line is as follows:

No.	Field	Format
1	The EIC code of the EU connection DSO (CODE_EIC_GRD)	The service provider's *EIC code*.
2	<PDL/PRM/CARD> (TYPE_SITE)	Value "PDL" or "PRM" or "CARD".
3	Consumption Site unique ID (ID_SITE)	A *site code.*
4	The Maximum Balancing Cross-zonal capacity Upward of the Consumption Site (CAPA_MAX_H_SITE)	In kW (integer, maximum 6 digits, strictly greater than zero) Approximated by the power subscribed for the profiled sites.
5	The Minimum Balancing Cross-zonal capacity Upward of the Consumption Site (CAPA_MIN_H_SITE)	In kW (positive integer not more than 6 digits)
6	The Maximum Balancing Cross-zonal capacity Downward of the Consumption Site (CAPA_MAX_B_SITE)	In kW (positive integer not more than 6 digits)
7	The Minimum Balancing Cross-zonal capacity Downward of the Consumption Site (CAPA_MIN_B_SITE)	In kW (positive integer not more than 6 digits)
8	CAPA_MAX_RPH_SITE	Empty field
9	CAPA_MAX_RSH_SITE	Empty field
10	CAPA_MAX_RPB_SITE	Empty field
11	CAPA_MAX_RSB_SITE	Empty field
12	Subscribed Capacity of the Site (PS)	In kVA (maximum 6-digit integer)
13	The EIC code of the Consumption Site BRE (CODE_EIC_RE)	The service provider's *EIC code*.
14	The EIC code of the Consumption Site Supplier (CODE_EIC_FOURNISSEUR)	The service provider's *EIC code*.
15	Fixed scale of prices for the Supplier Payment (BAREME)	"PROFILE_BASE" or "PROFILE_NON_BASE" or "TELERELEVE"
16	Demand response category (CATEGORIE)	"INF_36" (for a power-consuming site subscribing to power ≤ 36 kVA) or "SUP_36" (power-consuming site subscribing to power > 36 kVA)
17	The type of load curve used in the flow allocation process (TYPE_CDC)	"ESTIME" or "TELERELEVE"
18	Data Source (ORIGINE_DONNEE)	"DSO" or "Balancing Service Provider"
19	Measurement subject (OBJET_MESURE)	"METERING DATA" or "DEMAND RESPONSE ROUTES"
20	Type of contract between the DSO and the distribution grid access site (TYPE_CONTRAT)	"CARD" or "CONTRAT_UNIQUE" or Empty Field.

No.	Field	Format
21	The code of an EDA (CODE_EDA)	An *EDA code.*
22	This Consumption Site participates in NEBEF (demand response participation in energy markets) (CODE_EDE)	"N" (for no) or the code of an Demand Response Entity (EDE). An EDE code is a string composed only of the following characters: alphabetical letters in uppercase and unaccented letters (A-Z); hyphen (-); number (0-9).
23	The date of contractualisation of the site with the OE that has within its perimeter the EDE identified in the CODE_EDE field (DATE_CONTRACTUALISATION)	Empty field
24	CODE_EDR	Empty field
25	DEROGATION_MODELECORRIGE	Empty field
26	CODE_EIF	The "EIF code" of the inseparable from supply demand response provision, as defined by the supplier when transmitting to the system operators. "N" if no bid of inseparable from supply demand response is subscribed by the site.

5.2.7 Sample File

File « MA_REFST_PROF_GRD_201209_1598765432C1234X_20120822141234.csv »

```
20120822;141234

1598765432C1234X;201209

CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE;
CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MA
X_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC;ORIGINE_DONNEE;OBJET
_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORR
IGE;CODE_EIF;

1598765432C1234X;PDL;12345654321456;6;0;3,5;1;;;;;6;64575678C1234X67S91Z;1111678C1234X67S91Z;
PROFILE_BASE;INF_36;ESTIME;AA;COMPTAGE;CARD;NMEDATC1;N;;;;EIFPOW001;

1598765432C1234X;PRM;65445611111456;9;0;6,5;2,5;;;;;9;64575678C1234X67S91Z;1111678C1234X67S91
Z;PROFILE_NON_BASE;INF_36;ESTIME;AA;COMPTAGE;CARD;NMEDATC1;EDEPOPE001;;;;N;

1598765432C1234X;PRM;65445655555456;150;5;0;0;;;;;250;64575678C1234X67S91Z;1111678C1234X67S91
Z;TELERELEVE;SUP_36;TELERELEVE;GRD;VOIES_EFFACABLES;CONTRAT_UNIQUE;NMEDATC1;N;;;;N;

…

<EOF>
```

5.2.8 Submission frequency and limit time for receipt by RTE

Each Distribution System Operator concerned transmits one file to RTE per Calendar Month. This file must be received by RTE no later than five (5) Working Days before the beginning of the 1st day of the Calendar Month of validity of this information.

Data transmission is done via the https protocol or in case of technical impossibility by email.

In case of technical impossibility requiring sending by email, the subject of the email sending the file to RTE must be:

RD-MAREF	Character string
__	Two successive underscores
DSO's COVADIS code	4-digit code from COVADIS
_	An underscore
Date of the first day of data	Format YYYYMM01

Example: *RD-MAREF__9999_20100201* is the subject of the e-mail by which Distribution System Operator 9999 sends RTE the reference data of consumption sites belonging to a Profiled Extraction EDA for the month of February 2010.

5.3 Injection sites connected to the distribution grid belonging to a Distribution Grid Injection Balancing Entity (Contractualisation Data)

5.3.1 Description

Each Distribution System Operator concerned shall forward to RTE the reference of all Injection Sites connected to its distribution system that participate in the Balance Mechanism within a Remotely-Read Injection EDA.

5.3.2 File Name

No.	Field	Format
1	File type	"MA_REFINJ_GRD" (uppercase).
2	The month of validity of this information	A *month* in the form "YYYYMM".
3	The EIC code of the site connection DSO	An *EIC code*. The site connection DSO may be required from another DSO.
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

MA_REFINJ_GRD_[Validity Month]_[DSO EIC Code]_[Date/time created].csv

5.3.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

5.3.4 File line 2

No.	Field	Format
1	The EIC code of the site connection DSO	An *EIC code*. The site connection DSO may be required from another DSO.
2	The month of validity of this information	A *month* in the form "YYYYMM".

5.3.5 File line 3

This line is identical in all files of this type. It contains, in order to improve the readability of the files, the ordered labels of the fields in the following rows:

"CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE;CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MAX_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC;ORIGINE_DONNEE;OBJET_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORRIGE;CODE_EIF;"

5.3.6 Line 4 to penultimate

Each line in a file corresponds to a Consumption Site. The format of each row is as follows:

No.	Field	Format
1	The EIC code of the site connection distribution system operator (CODE_EIC_GRD)	The service provider's *EIC code*.
2	<PDL/PRM/CARD> (TYPE_SITE)	Value "PDL" or "PRM" or "CARD".
3	Injection Site Unique ID (ID_SITE)	A *site code.*
4	The Maximum Balancing Cross-zonal capacity Upward of the Injection Site (CAPA_MAX_H_SITE)	In kW (integer, maximum 6 digits, strictly greater than zero)
5	The Minimum Balancing Cross-zonal capacity Upward of the Injection Site (CAPA_MIN_H_SITE)	In kW (positive integer not more than 6 digits)
6	The Maximum Balancing Cross-zonal capacity Downward of the Injection Site (CAPA_MAX_B_SITE)	In kW (positive integer not more than 6 digits)
7	The Minimum Balancing Cross-zonal capacity Downward of the Injection Site (CAPA_MIN_B_SITE)	In kW (positive integer not more than 6 digits)
8	CAPA_MAX_RPH_SITE	Empty field
9	CAPA_MAX_RSH_SITE	Empty field
10	CAPA_MAX_RPB_SITE	Empty field
11	CAPA_MAX_RSB_SITE	Empty field
12	Subscribed Capacity of the Site (PS)	Empty field
13	The EIC code of the injection site's BRE (CODE_EIC_RE)	The service provider's *EIC code*.
14	The EIC code of the Injection Site Supplier (CODE_EIC_FOURNISSEUR)	Empty field

No.	Field	Format
15	Fixed scale of prices for the Supplier Payment (BAREME)	Empty field
16	Demand response category (CATEGORIE)	Empty field
17	The type of load curve used in the flow allocation process (TYPE_CDC)	Empty field
18	Source of the load curve (ORIGINE_DONNEE)	"DSO"
19	Measurement subject (OBJET_MESURE)	"METERING DATA "
20	Type of contract between the DSO and the distribution grid access site (TYPE_CONTRAT)	Empty field
21	The code of an EDA (CODE_EDA)	An *EDA code.*
22	This Site participates in NEBEF (CODE_EDE)	Empty field
23	The date of contractualisation of the site with the OE that has within its perimeter the EDE identified in the CODE_EDE field (DATE_CONTRACTUALISATION)	Empty field
24	CODE_EDR	Empty field
25	DEROGATION_MODELECORRIGE	Empty field
26	CODE_EIF	Empty field

5.3.7 Sample File

File "MA_REFINJ_GRD_201209_1598765432C1234X_20120822141234.csv"

```
20120822;141234

1598765432C1234X;201209

CODE_EIC_GRD;TYPE_SITE;ID_SITE;CAPA_MAX_H_SITE;CAPA_MIN_H_SITE;
CAPA_MAX_B_SITE;CAPA_MIN_B_SITE;CAPA_MAX_RPH_SITE;CAPA_MAX_RSH_SITE;CAPA_MAX_RPB_SITE;CAPA_MA
X_RSB_SITE;PS;CODE_EIC_RE;CODE_EIC_FOURNISSEUR;BAREME;CATEGORIE;TYPE_CDC;ORIGINE_DONNEE;OBJET
_MESURE;TYPE_CONTRAT;CODE_EDA;CODE_EDE;DATE_CONTRACTUALISATION;CODE_EDR;DEROGATION_MODELECORR
IGE;CODE_EIF;

1598765432C1234X;PDL;12345654321456;6;0;3,5;1;;;;;;64575678C1234X67S91Z;;;;;GRD;COMPTAGE;;NME
DATC1;;;;;;

1598765432C1234X;PRM;65445611111456;9;0;6,5;2,5;;;;;;64575678C1234X67S91Z;;;;;GRD;COMPTAGE;;N
MEDATC1;;;;;;

1598765432C1234X;PRM;65445655555456;150;5;0;0;;;;;;64575678C1234X67S91Z;;;;;GRD;COMPTAGE;;NME
DATC1;;;;;;

…

<EOF>
```

5.3.8 Submission frequency and limit time for receipt by RTE

Each Distribution System Operator concerned can transmit one file to RTE per Calendar Month. This file must be received by RTE no later than five (5) Working Days before the beginning of the 1st day of the Calendar Month of validity of the information.

This submission is not systematic. DSOs are required to make a submission during the month M describing the perimeter of the month M+1 if:

- a feature of one of the sites connected to their network and belonging to an Distribution System Injection EDA differs from the previous submission;
- the constitution of Distribution System Injection EDA is modified compared with the previous submission.

Data transmission is done via the https protocol or in case of technical impossibility by email.

In case of technical impossibility requiring sending by email, the subject of the mail sending the file to RTE is imposed:

RD-MAREF	Character string
__	Two successive underscores
DSO's COVADIS code	4-digit code from COVADIS
_	An underscore
Date of the first day of data	Format YYYYMM01

Example: *RD-MAREF__9999_20100201* is the subject of the e-mail by which Distribution System Operator 9999 sends RTE the reference data of injection sites belonging to a Distribution Grid Injection EDA for the month of February 2010.

5.4 Impact Factor by Delivery Point Substation of Balancing Entities

5.4.1 Description

The Distribution System Operator transmits to RTE on a monthly basis the Impact Factor by Delivery Point Substation associated with each Balancing Entity containing Consumption Sites or Injection Sites connected to its network.

These Substation balancing capacities are valid for a full calendar month.

5.4.2 File Name

No.	Field	Format
1	File type	"MA_FIPS_GRD" (uppercase).
2	The month of validity of the distribution	A *month* in the form "YYYYMM".
3	The EIC code of the service provider who created the file (a DSO)	An *EIC code*.
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

MA_FIPS_GRD_[Month of Validity]_[DSO's EIC Code]_[Creation Time].csv

5.4.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

5.4.4 File line 2

No.	Field	Format
1	The EIC code of the service provider who created the file (a DSO)	An *EIC code*.
2	The month of validity of the distribution	A *month* in the form "YYYYMM".

5.4.5 File line 3

This line is identical in all files of this type. It contains the ordered labels of the fields in the following lines:

"CODE_EDA;CODE_EIC_GRD;CODE_POSTE_SOURCE;VMAX_H;VMAX_B"

5.4.6 Line 4 to penultimate

There are several lines per EDA.

No.	Field	Format
1	The EDA code	An *EDA code*
2	The EIC code of the connection DSO (CODE_EIC_GRD)	The service provider's *EIC code*.
3	The Delivery Point Substation connected for a portion of the EDA (CODE_POSTE_SOURCE)	The *Delivery Point Substation code*.
4	Maximum flow power variation at the Delivery Point Substation identified in field 3 when balancing Upward on the EDA (VMAX_H)	In kW (maximum 6 digit integer)
5	Maximum flow power variation at the Delivery Point Substation identified in field 3 when balancing Downward on the EDA (VMAX_B)	In kW (maximum 6 digit integer)

5.4.7 Sample File

File "MA_FIPS_GRD_201211_5678C1234X67S91Z_20121022150001.csv"

```
20121022;150001;
5678C1234X67S91Z;201211;
CODE_EDA;CODE_EIC_GRD;CODE_POSTE_SOURCE;VMAX_H;VMAX_B;
NMEDATC1;5678C1234X67S91Z;CHESN3;456;0;
NMEDATC1;5678C1234X67S91Z;P.COR4;512;0;
…
<EOF>
```

5.4.8 Submission frequency and limit time for receipt by RTE

Each Distribution System Operator concerned shall transmit to RTE one Impact Factor file per calendar month containing all the source substations concerned. This file must be received by RTE no later than five (5) Working Days before the beginning of the 1st day of the Calendar Month of validity of the information.

Data transmission is done via the https protocol or in case of technical impossibility by email.

In case of technical impossibility requiring sending by email, the subject of the email sending the file to RTE must be:

RD-MAREF	Character string
__	Two successive underscores
DSO's COVADIS code	4-digit code from COVADIS
_	An underscore
Date of the first day of data	Format YYYYMM01

Example: *RD-MAREF__9999_20100201* is the subject of the email by which Distribution System Operator 9999 sends RTE the Impact Factor per Delivery Point Substation associated with each Balancing Entity including Consumption Sites or Injection Sites connected to its network for the month of February 2010.

5.5 Load Curves delivered (per Remotely-Read Consumption and Injection Site and Profiled Consumption Site connected to the distribution grid)

The general elements described in §1.1 do not apply to load profile files.

5.5.1 Description

The consumption or injection Load Curves performed during week S, of which at least one Day belongs to the calendar month M, corresponding to the period between Saturday at 00:00 and Friday at 24:00, the ten minute interval and the coverage of each Consumption or Injection Site shall be transmitted by the Distribution System Operator on which the Consumption or Injection sites are connected to RTE.

There is one file per DSO that contains the data of the sites physically belonging to its perimeter. This file may contain the data for Injection or Consumption EDAs belonging to different balancing service providers.

If a DSO is mandated by other DSOs, it must send one file per DSO who has mandated it. The "DSO" fields below then refer to the principal DSO.
Files must be encoded in UTF-8.

5.5.2 File Name

It consists successively of the following fields separated by underscore "_":

No.	Field	Format
1	File type	"CRMA" (uppercase).
2	DSO's COVADIS code	4 digits
4	The date the file was generated	A *date* in the form "YYYYMMDD".
5	The time the file was generated	A *time* in the form "hhmmss".
6	Date of the 1st day of the week, i.e. Saturday.	A *date* in the form "YYYYMMDD".
7	File extension	".csv" (lowercase).

The general format of the file name is:

CRMA_[CodeGRD]_[YYYYMMDD generated]_[HHMMSS generated]_[YYYYMMDD of the Saturday of W-1].csv

5.5.3 File Line 1

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line. This line still contains the 154 character strings described below (to handle 25-hour days).

No.	Field	Format
1	CODE_EDA	character string
2	CODE_SITE	character string
3	DATE_CRB	character string (CRB means curve [CouRBe])
4	NB_PTS_CHRONIQUE	character string
5	VAL1	character string
6	VAL2	character string
7…	Etc	... up to
154	VAL150	character string

"CODE_EDA;CODE_SITE;DATE_CRB;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;VAL51;VAL52;VAL53;VAL54;VAL55;VAL56;VAL57;VAL58;VAL59;VAL60;VAL61;VAL62;VAL63;VAL64;VAL65;VAL66;VAL67;VAL68;VAL69;VAL70;VAL71;VAL72;VAL73;VAL74;VAL75;VAL76;VAL77;VAL78;VAL79;VAL80;VAL81;VAL82;VAL83;VAL84;VAL85;VAL86;VAL87;VAL88;VAL89;VAL90;VAL91;VAL92;VAL93;VAL94;VAL95;VAL96;VAL97;VAL98;VAL99;VAL100;VAL101;VAL102;VAL103;VAL104;VAL105;VAL106;VAL107;VAL108;VAL109;VAL110;VAL111;VAL112;VAL113;VAL114;VAL115;VAL116;VAL117;VAL118;VAL119;VAL120;VAL121;VAL122;VAL123;VAL124;VAL125;VAL126;VAL127;VAL128;VAL129;VAL130;VAL131;VAL132;VAL133;VAL134;VAL135;VAL136;VAL137;VAL138;VAL139;VAL140;VAL141;VAL142;VAL143;VAL144;VAL145;VAL146;VAL147;VAL148;VAL149;VAL150;".

5.5.4 Line 2 and beyond

Each line contains the following data, separated by semicolons.

There is a semicolon at the end of the line. In the case of a day of 23 or 24 hours, the lines contain 142 or 148 fields. They are not filled with semicolons without spaces to contain as many columns as row 1.

There are as many lines as necessary to cover every day of the week.

There can be multiple EDAs in the same file.

No.	Field	Format
1	The EDA code	An *EDA code.*
2	The Distribution Grid External Site CODE	The Distribution Grid External Site Code as described in paragraph 1.2
3	Date of completion of the load profile (DATE)	YYYYMMDD
4	Number of measurement points (NB_PTS_CHRONIQUE)	Integer 138 for a 23-hour day 144 for a 24-hour day 150 for a 25-hour day
5	The average power on the first 10 minute interval	The power is expressed in kW over the time interval [00 :00 :00; 00 :10 :00[. This is a number with a maximum of 3 decimal places (the decimal separator is a comma). The value is positive or zero, whether it is an injection site or a consumption site.
6…154	The average power of the site for every 10 minute interval	The rule is the same as for the 1st 10-minute Interval of the day (VAL1). For a 23-hour day, there are 138 values. The 6 values in rows 139 through 144 are not filled in and not marked with semicolons without spaces). In the case of a 25-hour day, the 6 values of the repeated hour are inserted after the hour to be repeated and separated by semicolons.

5.5.5 Example of a Ten-Minute Interval file

File: "CRMA_<codeGRD>_20121006_122545_20141220.csv"

```
CODE_EDA;CODE_SITE;DATE;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL10;V
AL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;VAL2
6;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL41;V
AL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;VAL51;VAL52;VAL53;VAL54;VAL55;VAL56;VAL5
7;VAL58;VAL59;VAL60;VAL61;VAL62;VAL63;VAL64;VAL65;VAL66;VAL67;VAL68;VAL69;VAL70;VAL71;VAL72;V
AL73;VAL74;VAL75;VAL76;VAL77;VAL78;VAL79;VAL80;VAL81;VAL82;VAL83;VAL84;VAL85;VAL86;VAL87;VAL8
8;VAL89;VAL90;VAL91;VAL92;VAL93;VAL94;VAL95;VAL96;VAL97;VAL98;VAL99;VAL100;VAL101;VAL102;VAL1
03;VAL104;VAL105;VAL106;VAL107;VAL108;VAL109;VAL110;VAL111;VAL112;VAL113;VAL114;VAL115;VAL116
;VAL117;VAL118;VAL119;VAL120;VAL121;VAL122;VAL123;VAL124;VAL125;VAL126;VAL127;VAL128;VAL129;V
AL130;VAL131;VAL132;VAL133;VAL134;VAL135;VAL136;VAL137;VAL138;VAL139;VAL140;VAL141;VAL142;VAL
143;VAL144;VAL145;VAL146;VAL147;VAL148;VAL149;VAL150;

EDAEXEMPL;PDL12345678912345;20121006;144;4;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;
3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

EDAEXEMPL;PRM12345654321789;20121006;144;5;5;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;
3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

EDAEXEMPL;CARD1122334455;20121006;144;4;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;3;3
;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

…

EDAEXEMPL;PDL12345678912345;20121012;144;4;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;
3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

EDAEXEMPL;PRM12345654321789;20121012;144;5;5;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;
3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

EDAEXEMPL;CARD1122334455;20121012;144;4;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;5;3;3;3;3;3
;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;


<EOF>
```

5.5.6 Submission frequency and limit time for receipt by RTE

The frequency of submissions is weekly and must take place no later than 12:00 on Friday of week W+1

If the submission does take place 5 Working Days before the above deadline, then the data from the performance control will be accepted, as of Month M+1, for the remuneration of the Balancing Orders, the correction of the BRE balance sheets and the payment due by the Balancing Service Provider to the Suppliers of the Demand Response Consumption Sites.

Otherwise, the data from the performance control will be accepted, as of Month M+3.

Week W is the period from Saturday 00:00 to Friday 23:59.

The DSO must provide the file continuously and systematically.

If the DSO has no metering data values (e.g.: where a metre is down) it nevertheless provides the file by not putting anything in the field of the missing numeric value (there will be two semicolons following each other without spaces for the CSV format).

Data transmission is done via the https protocol or in case of technical impossibility by email.

In case of technical impossibility requiring sending by email, the subject of the email sending the file to RTE must be:

RB-DSO	Character string
__	Two successive underscores
DSO's COVADIS code	4-digit code from COVADIS
_	An underscore
Date of the first day of data	Format YYYYMMDD

Example: *RB-GRD__9999_20100220* is the subject of the email by which the DSO 9999 sends RTE the metering data from the dates 20 February 2010 and the following 6 days.

If there is an error in a past file, the DSO can return the updated file at any time.

5.6 Loading Curves delivered per Remotely-Read Consumption Site and Profiled Consumption Site connected to the distribution grid, necessary for the certification of a Site or EDA profiled using the method based on forecast or history

The general elements described in §1.1 do not apply to load profile files.

The flow of information described in this chapter covers the transmission of information necessary for **the certification of distribution grid consumption sites or EDAs profiled using the method by forecast or consumption history**.

5.6.1 Description

The consumption charge curves made during week W, corresponding to the period between Saturday 00:00 and Friday 24:00, with ten minute intervals and to the coverage of each Consumption Site which is the subject of an application for certification or which belongs to a profiled EDA which is the subject of an application for certification by the Balancing Service Provider, are transmitted by the Distribution System Operator on which the Consumption Sites are connected to RTE, for the entire test period relating to the certification.

There is one file per DSO that contains the data of the sites physically within its boundaries and for which the DSO is responsible for sending the load profile

If a DSO is mandated by other DSOs, it must send one file per DSO who has mandated it. The "DSO" fields below then refer to the principal DSO.

Files must be encoded in UTF-8.

5.6.2 File Name

It consists successively of the following fields separated by underscore "_":

No.	Field	Format
1	File type	"CRMA_HMLG" (uppercase).
2	DSO's COVADIS code	4 digits
4	The date the file was generated	A *date* in the form "YYYYMMDD".
5	The time the file was generated	A *time* in the form "hhmmss".
6	Date of the 1st day of the week, i.e. Saturday.	A *date* in the form "YYYYMMDD".
7	File extension	".csv" (lowercase).

The general format of the file name is:

CRMA_HMLG_[CodeGRD]_[YYYYMMDD generated]_[HHMMSS generated]_[YYYYMMDD of the Saturday of W-1].csv

5.6.3 File Line 1

This line is populated as described in the previous chapter.

5.6.4 Line 2 and beyond

These lines are populated as described in the previous chapter.

5.6.5 Example of a Ten-Minute Interval file

File: "CMRA_HMLG_<codeGRD>_20121006_122545_20141220.csv"

The contents of the file are identical to the example in the previous chapter.

5.6.6 Submission frequency and limit time for receipt by RTE

For site certification based on forecast, all 5 weeks of load curves must be transmitted no later than ten (10) Working Days after the end of the certification period.

For the certification of sites using the historical method, all 11 months of load curves must be transmitted no later than ten (10) Working Days after being informed by the Balancing Service Provider of the application for certification.

Data transmission is by substation remaining to the BAL rte-init-si-market@rte-france.com..

5.7 Activation of Inseparable from Supply Demand Response Bids on the public distribution system

5.7.1 Description

Distribution System Operators send RTE the activation periods for Mobile Periods of Inseparable from Supply Demand Response bids to which Consumption Sites connected to the Public Distribution Network have subscribed.

For each EIF bid activated on the distribution grid, notification of the activation of the EIF by a DSO is notification of the activation of this bid for all DSOs.

This file is updated every calendar month.

5.7.2 File Name

No.	Field	Format
1	File type	"MA_PEIF_GRD" (uppercase).
2	The calendar month "M" affected by the activations	A *date* in the form "YYYYMM".
4	The EIC code of the service provider who created the file (a DSO)	An *EIC code*.
5	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
6	File extension	".csv" (lowercase).

The general format of the file name is:

MA_PEIF_GRD_[Month of Demand Response]_[DSO's EIC Code]_[Creation Time].csv

5.7.3 File Line 1

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

No.	Field	Format
1	DATE	File creation date
2	TIME	File creation time

5.7.4 File line 2

No.	Field	Format
1	The EIC code of the service provider who created the file (a DSO)	An *EIC code.*
2	The calendar month "M" affected by the activation periods	A *date* in the form "YYYYMM".

5.7.5 File line 3

This line is identical in all files of this type. It contains the ordered labels of the fields in the following lines:

"*CODE_EIF;DATE_HEURE_PREAVIS;DATE_HEURE_DEBUT_EIF;DATE_HEURE_FIN_EIF*"

5.7.6 Line 4 to penultimate

Each line contains the description of the supplier-Inseparable activated Demand Response Bid.

	Field	Format
1	The code of the activated inseparable from supply demand response bid (CODE_EIF)	An *EIF code.*
2	The date and time at which the notice of the Inseparable demand response activation signal was given to the Consumption Sites that subscribed to the bid (DATE_HEURE_PREAVIS)	A *date/time* in the form "YYYYMMDDhhmmss".
3	The start date and time of the start of the EIF bid activation (DATE_HEURE_DEBUT_EIF)	A *date/time* in the form "YYYYMMDDhhmmss".
4	The date and time of the end of the EIF bid activation (DATE_HEURE_FIN_EIF)	A *date/time* in the form "YYYYMMDDhhmmss".

5.7.7 Sample File

File: "MA_PEIF_GRD_201210_17X100A100A0001A_20121105114851.csv"

20121105;114851;

5678C1234X67S91Z;201210;

CODE_EIF;*DATE_HEURE_PREAVIS;DATE_HEURE_DEBUT_EIF;DATE_HEURE_FIN_EIF;*

EIFABC001;20121029153200;20121030070000;20121101050000;

…..

<EOF>

5.7.8 Submission frequency and limit time for receipt by RTE

Activation of an Inseparable from Supply demand response bid on distribution grid consumption sites for a day D shall be notified to RTE by the Distribution System Operator as soon as possible, and at the latest before the deadline set in Article 5.5 for the transmission by the DSO of the Load Curves created by the Consumption Site.

6 Data transmitted by Balancing Service Providers

6.1 Load Curves delivered per profiled Site

The general elements described in §1.1 do not apply to load profile files.

6.1.1 Description

The consumption Load Curves made on the day D at an Interval of ten minutes and at the coverage of each Profiled Consumption Site are transmitted by the Balancing Service Provider.

Each file contains one day of data. Files for the same week of data are sent simultaneously within a single weekly submission

6.1.2 File name (for one day)

It consists successively of the following fields separated by underscore "_":

No.	Field	Format
1	File type	"CRS_AA" (uppercase).
2	Measurement date	Date in YYYYMMDD format
3	Service provider's EIC Code	EIC Code
4	The date and time when the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

CRS_AA_[Measurement date]_[Code_EIC_Acteur]_[YYYYMMDD generated].csv

6.1.3 File Line 1

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

No.	Field	Format
1	DATE	File creation date
2	TIME	File creation time

6.1.4 Line 2

This line consists of two fields:

No.	Field	Format
1	CODE_EIC_ACTEUR	EIC code of the service provider who created the file
2	DATE	Date of creation of load curves in the form "YYYYMMDD"

6.1.5 Line 3

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

No.	Field	Format
1	CODE_EDA	character string
2	CODE_SITE	character string
3	CODE_EIC_GRD	character string
4	TYPE_CPT	character string
5	NB_PTS_CHRONIQUE	character string
6	VAL1	character string
7	VAL2	character string
8…	*etc*	*… up to*
155	VAL150	character string

"CODE_EDA;CODE_SITE;CODE_EIC_GRD;TYPE_CPT;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;VAL51;VAL52;VAL53;VAL54;VAL55;VAL56;VAL57;VAL58;VAL59;VAL60;VAL61;VAL62;VAL63;VAL64;VAL65;VAL66;VAL67;VAL68;VAL69;VAL70;VAL71;VAL72;VAL73;VAL74;VAL75;VAL76;VAL77;VAL78;VAL79;VAL80;VAL81;VAL82;VAL83;VAL84;VAL85;VAL86;VAL87;VAL88;VAL89;VAL90;VAL91;VAL92;VAL93;VAL94;VAL95;VAL96;VAL97;VAL98;VAL99;VAL100;VAL101;VAL102;VAL103;VAL104;VAL105;VAL106;VAL107;VAL108;VAL109;VAL110;VAL111;VAL112;VAL113;VAL114;VAL115;VAL116;VAL117;VAL118;VAL119;VAL120;VAL121;VAL122;VAL123;VAL124;VAL125;VAL126;VAL127;VAL128;VAL129;VAL130;VAL131;VAL132;VAL133;VAL134;VAL135;VAL136;VAL137;VAL138;VAL139;VAL140;VAL141;VAL142;VAL143;VAL144;VAL145;VAL146;VAL147;VAL148;VAL149;VAL150;".

6.1.6 From line 4 to the penultimate line

No.	Field	Format
1	The EDA code	An EDA code.
2	The Distribution Grid External Site CODE	The Distribution Grid External Site Code as described in paragraph 1.2
3	CODE_EIC_GRD	Site DSO's EIC code
4	TYPE_CPT	'P'
5	Number of measurement points (NB_PTS_CHRONIQUE)	Integer 138 for a 23-hour day 144 for a 24-hour day 150 for a 25-hour day
6	The average power drawn on the first 10 minute Interval	Power is expressed in W over the time interval [00 :00 :00; 00 :10 :00[. It is an integer without a decimal composed of a maximum of 6 digits.
7…155	The average power of the site for every 10 minute Interval	The rule is the same as for the 1st 10-minute Interval of the day (VAL1). The value is equal to "0" for points no. i (VALi) where i > NB_PTS_CHRONIQUE.

6.1.7 Management rules for reconstructing incomplete load curves

If the Load Curve has strictly more than thirty 10-minute Intervals missing, the Load Curve is rejected.

If the Load Curve has strictly more than three 10-minute consecutive Intervals missing, the Load Curve is rejected.

If the Load Curve has less than three 10 minute intervals, the value of the 10 minute Intervals is equal to the average of the previous three 10 minute Intervals and the three 10 minute Intervals following the missing 10 minute intervals, if present.

6.1.8 Sample File

File: CRS_AA_20141215_5486V2854X45T12A_20141222105830.csv

```
20141222;105830;

5678C1234X67S91Z;20141215;

CODE_EDA;CODE_SITE;CODE_EIC_GRD;TYPE_CPT;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;
VAL8;VAL9;VAL10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23
;VAL24;VAL25;VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VA
L39;VAL40;VAL41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;VAL51;VAL52;VAL53;VAL54
;VAL55;VAL56;VAL57;VAL58;VAL59;VAL60;VAL61;VAL62;VAL63;VAL64;VAL65;VAL66;VAL67;VAL68;VAL69;VA
L70;VAL71;VAL72;VAL73;VAL74;VAL75;VAL76;VAL77;VAL78;VAL79;VAL80;VAL81;VAL82;VAL83;VAL84;VAL85
;VAL86;VAL87;VAL88;VAL89;VAL90;VAL91;VAL92;VAL93;VAL94;VAL95;VAL96;VAL97;VAL98;VAL99;VAL100;V
AL101;VAL102;VAL103;VAL104;VAL105;VAL106;VAL107;VAL108;VAL109;VAL110;VAL111;VAL112;VAL113;VAL
114;VAL115;VAL116;VAL117;VAL118;VAL119;VAL120;VAL121;VAL122;VAL123;VAL124;VAL125;VAL126;VAL12
7;VAL128;VAL129;VAL130;VAL131;VAL132;VAL133;VAL134;VAL135;VAL136;VAL137;VAL138;VAL139;VAL140;
VAL141;VAL142;VAL143;VAL144;VAL145;VAL146;VAL147;VAL148;VAL149;VAL150;

EDAEXPL;PDL123456789;5486V2854X45T12A;P;144;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;3;3
;3;3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

EDAEXPL;PDL984567312;5486V2854X45T12A;P;144;5;5;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;3;3
;3;3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

.....

EDAEXPL;PDL984763412;5486V2854X45T12A;P;144;4;4;4;4;4;4;4;4;4;4;4;5;5;5;5;5;5;5;5;5;5;3;3
;3;3;3;3;3;3;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;
5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5
;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;5;

…

<EOF>
```

6.1.9 Submission frequency and limit time for receipt by RTE

Data transmission is performed via the https protocol.

The Load Curves of the Profiled Consumption Sites for one week W, of which at least one Day belongs to Month M, shall be transmitted to RTE by the Balancing Service Provider, not later than 12:00 on Friday of week W+1.

6.2 Load Curves delivered by profiled Site attached to a profiled EDA, necessary for the certification of the EDA by the forecasting or historical method

The general elements described in §1.1 do not apply to load profile files.

The information flow described in this chapter covers the transmission of information necessary for **the certification of a EDA profiled by the forecast or consumption history method**.

6.2.1 Description

The consumption Loading Curves created on the day D at a 10 minute Interval and the coverage of each Profiled Consumption Site attached to a profiled EDA for which the Balancing Service Provider has applied for certification of the method by prediction or by history, are transmitted by the Balancing Service Provider for the entire test period relating to the certification.

Each file contains one day of data.

6.2.2 File name (for one day)

It consists successively of the following fields separated by underscore "_":

No.	Field	Format
1	File type	"CRS_HMLG_AA" (uppercase).
2	Measurement date	Date in YYYYMMDD format
3	Service provider's EIC Code	EIC Code
4	The date and time when the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

CRS_HMLG_AA_[Measurement date]_[Code_EIC_Acteur]_[YYYYMMDD generated].csv

6.2.3 File Line 1

This line is populated as described in the previous chapter.

6.2.4 Line 2

This line is populated as described in the previous chapter.

6.2.5 Line 3

This line is populated as described in the previous chapter.

6.2.6 From line 4 to the penultimate line

These lines are populated as described in the previous chapter.

6.2.7 Sample File

File: CRS_HMLG_AA_20141215_5486V2854X45T12A_20141222105830.csv

The contents of the file are similar to the example in the previous chapter.

6.2.8 Submission frequency and limit time for receipt by RTE

For site certification based on forecast, all 5 weeks of load curves must be transmitted no later than ten (10) Working Days after the end of the certification period.

For the certification of sites using the historical method, all 11 months of load curves must be transmitted no later than ten (10) Working Days after the date of application.

Data transmission is by substation remaining to the BAL rte-init-si-market@rte-france.com..

6.3 Applications for Certification

To apply for certification of the "consumption forecast" or "consumption history" method of a remotely read Consumption Site and/or a profiled EDA, the Balancing Service Provider shall transmit to RTE, through its Customer Relations Officer, the form below.

6.3.1 File Name

The title of the certification application form on the Balance Mechanism is: "MA_HMLG_<SERVICE PROVIDER>_<generation date/time>.csv"

It consists successively of the following fields separated by underscore "_":

No.	Field	Format
1	The file type	« MA_HMLG » (uppercase)
2	Service provider's EIC Code	EIC Code
3	The date and time when the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
4	File extension	".csv" (lowercase)

The general format of the file name is:

is: "MA_HMLG_<SERVICE PROVIDER>_<generation date/time>.csv"

6.3.2 File Line 1

This line has successive headers separated by semicolons. There is a semicolon at the end of the line.

No.	Field	Format
1	METHOD	character string
2	NETWORK	character string
3	CODE_SITE_TLRV	character string
4	NOM_SITE_TLRV	character string
5	CODE_EDA_PROFILEE	character string
6	CAPA_AJU_MIN_HAUSSE	character string

7	NOM_AA	character string
8	CODE_EIC_AA	character string
9	NOM_GRD	character string
10	CODE_EIC_GRD	character string
11	DATE_DEMANDE	character string
12	DATE_DEBUT_TEST	character string
13	DATE_FIN_TEST	character string
14	VARIANTE	character string

"METHODE;RESEAU;CODE_SITE_TLRV;NOM_SITE_TLRV;CODE_EDA_PROFILEE;CAPA_AJU_MIN_HAUSSE;NOM_AA;CODE_EIC_AA;NOM_GRD;CODE_EIC_GRD;DATE_DEMANDE;DATE_DEBUT_TEST;DATE_FIN_TEST;VARIANTE;"

6.3.3 From line 2 to the last line

Field description:

Field	Description	Value or format
METHOD	Method covered by the application for certification of the remotely-read site or the profiled EDA	"FORECAST" or "HISTORICAL"
NETWORK	Site connection network Positioned to "RPD" in the case of a profiled EDA	"RPT" for Public Transmission System or "RPD" for Public Distribution System
CODE_SITE_TLRV	RPT site: Code Descomptes RPD site: RPD External Site Code, as described in 1.2 <empty> if the application for certification concerns a profiled EDA	Character string or <empty>
NOM_SITE_TLRV	Name of the site on which the application for registration is made. <empty> if the application relates to a profiled EDA	Character string or <empty>

CODE_EDA_PROFILEE	The EDA code to which the application for certification relates. <empty> if the application relates to a downloaded site	Character string or <empty>
CAPA_AJU_MIN_HAUSSE	Minimum upward balancing cross-zonal capacity of the remotely-read site or the profiled EDA, expressed in kW	Integer
NOM_AA	Name of Balancing Service Provider	Character string
CODE_EIC_AA	Balancing Service Provider EIC Code	An EIC code
NOM_GRD	Distribution System Operator Name	Character string
CODE_EIC_GRD	DSO's EIC code	An EIC code
DATE_DEMANDE	Date of application for certification	Date in YYYYMMDD format
DATE_DEBUT_TEST	Test period start date	Date in YYYYMMDD format
DATE_FIN_TEST	Test period end date	Date in YYYYMMDD format
VARIANTE	Choice of variant if method by history	MOY10J or MED10J or MOY4S or MED4S

6.3.4 Sample File

File: MA_HMLG_17X100A100R06999_20171013100000.csv

```
METHODE;RESEAU;CODE_SITE_TLRV;NOM_SITE_TLRV;CODE_EDA_PROFILEE;CAPA_AJU_MIN_HAUSSE;NOM_AA;CODE_EIC_AA;NOM_GRD;CODE_EIC_GRD;DATE_DEMANDE;DATE_DEBUT_TEST;DATE_FIN_TEST;VARIANTE;

PREVISION;RPT;456789;nom_site;;450;nom_AA;17X100A100R06999;nom_GRD;5678C1234X67S91Z;20171013;20171016;20171117;;

PREVISION;RPD;PRM0123456789;nom_site;;200;nom_AA;17X100A100R06999;nom_GRD;5678C1234X67S91Z;20171013;20171016;20171117;;

PREVISION;RPD;;;EDA001;600;nom_AA;17X100A100R06999;nom_GRD;5678C1234X67S91Z;20171013;20171016;20171117;;

HISTORIQUE;RPD;PRM0129999789;nom_site;;350;nom_AA;17X100A100R06999;nom_GRD;5678C1234X67S91Z;20171013;20161001;20170831;MED4S;
```

6.3.5 Submission frequency

The Balancing Service Provider submits this form to the BAL rte-init-si-market@rte-france.com with a copy of the Customer Relations Officer for each new application for the certification of a remotely read Consumption Site and/or an EDA profiled using the control method "by consumption forecast" and/or "by consumption history".

It can group multiple requests within the same form.

6.4 Initial consumption forecast

6.4.1 Description

The Balancing service provider transmits a consumption forecast at a 10 min interval to RTE:

- during the initial certification phase of a Consumption Site (profiled EDA, respectively)

- and as long as the Consumption Site is attached to an EDA controlled with the "consumption forecast" method (respectively the profiled EDA is controlled with the "consumption forecast" method).

The Balancing Service Provider shall transmit in a single file for a given day all the relevant forecasts:

- to the above-mentioned Consumption Sites
- to the EDA profiles above

6.4.2 File Name

No.	Field	Format
1	File type	"PREV_AA" (uppercase).
2	The EIC code of the service provider who created the file (a Balancing Service Provider)	A *Balancing Service Provider EIC code*.
3	Forecast date	A date in the format "YYYYMMDD"
4	Gate closure date	A date in the format "YYYYMMDD"
5	Gate closure time	A time in the format "hhmm"
6	File extension	".csv" (lowercase).

The general format of the file name is:

PREV_AA_[Balancing Service Provider EIC Code]_[Forecast date]_[Gate closure date]_[Gate closure time].csv

6.4.3 File Line 1

No.	Field	Format
1	The date the file was generated	Date in the form ""YYYYMMDD""
2	The time the file was generated	A *time* in the form ""hhmmss"".

6.4.4 File line 2

No.	Field	Format
1	The EIC code of the service provider who created the file (a Balancing Service Provider)	An *EIC code*.
2	The forecast chronicle date	A *date* in the form “YYYYMMDD".
3	RTE gate closure date (file receipt deadline by RTE)	A *date* in the form “YYYYMMDD".
4	The time of the RTE gate closure (the time limit for acceptance of the file per RTE)	A *time* in the form "hhmm" (e.g. 1830 for the 18:30 gate closure)

6.4.5 Line 3 to the penultimate

There is one line per site attached to a remotely-read EDA controlled by the "consumption forecast" method, and/or one line by EDA controlled by the "consumption forecast" method, corresponding to the day of application of the forecast.

No.	**Field**	**Obl.**	**Format**
1	The EDA code	Yes	An *EDA code*
2	Consumption Site ID	No	An *external site code* for Consumption Sites connected to the Distribution Network System. The *account code* for Consumption Sites connected to the Transport . In the case of a profiled EDA, this field is not filled in: an empty space between two semicolons: ";;"
3	The date of completion of the forecast consumption forecast curve (DATE)	Yes	A *date* in the form “YYYYMMDD".
4	The number of points in the forecast consumption forecast curve (NB_PTS_CHRONIQUE)	Yes	The interval is 10 minutes so the number of points is **144** except for the days the clocks change where it is **138** (*for the day changing to summer time*) or **150** (*for the day changing to winter time).*
5	The average power achieved for the first 10 minutes of the day, applied at the first interval of time 10 min (VAL1 for the period [00:00, 00:10[)	Yes	The power is expressed in kW (an integer consisting of 6 digits maximum).

No.	Field	Obl.	Format
From 6 to 4+ NB_PTS_CRONIQUE	The average power achieved for the nth point of the day (VAL2… VAL NB_PTS_CHRONIQUE)	Yes	The rule is the same as for the 1st point of the day (VAL1). No value should be specified for points no. i (VALi) where i > NB_PTS_CHRONIQUE.

6.4.6 Last line:

<EOF>

6.4.7 Sample File

File: "PREV_AA_17X100A100D0385M_20160924_20160923_1830.csv"

```
20160922;190954;
17X100A100D0385M;20160924;20160923;1830;
EDAPXXL002;;20160924;144;500;501;502;503;504;505;506;507;508;509;510;511;512;513;514;515;516;
517;518;519;520;521;522;523;524;525;526;527;528;529;530;531;532;533;534;535;536;537;538;539;5
40;541;542;543;544;545;546;547;548;549;550;551;552;553;554;555;556;557;558;559;560;561;562;56
3;564;565;566;567;568;569;570;571;572;573;574;575;576;577;578;579;580;581;582;583;584;585;586
;587;588;589;590;591;592;593;594;595;596;597;598;599;600;601;602;603;604;605;606;607;608;609;
…;700;
EDATSGE003;76120130000057;20160924;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;40;
40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;
40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;
…;0;0;
EDATSGE004;41346459500052;20160924;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;50;
50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;
50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;
…;0;0;
EDATSGE004;51346459500052;20160924;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;60;
60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;
60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;
60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;
…;0;0;
EDATSGE004;61346459500052;20160924;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;70;
70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;
70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;
70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;
…;0;0;
<EOF>
```

6.4.8 Submission frequency and limit time for receipt by RTE

The initial consumption forecast for Day D (from 00:00 to 23:59) shall be transmitted to RTE by the Balancing Service Provider by 18:30 on D-1 at the latest.

In the case of successive transmissions of several consumption forecast files by a Balancing Service Provider and for the same day, only the final version of the file received before the deadline is accepted. This should therefore include the full initial forecast expected.

In the absence of transmission of the consumption forecast of a Consumption Site or a profiled EDA within the time limit, it will be considered as equal to load curve. In addition, no re-forecast for this Consumption Site or this profiled EDA will be accepted for the Balancing Service Provider for the day concerned.

6.5 Redeclaration of a Consumption Forecast

6.5.1 Description

The Balancing Service Provider may declare a consumption forecast at the intraday 10 minute interval during the initial certification phase of a Consumption Site (respectively of a profiled EDA) and as long as the Consumption Site is attached to an EDA controlled by the "consumption forecast" method (respectively the profiled EDA is controlled with the "consumption forecast" method), subject to:

- having previously sent an initial consumption forecast on D-1
- complying with the neutralisation leadtime

The Balancing Service Provider shall transmit in a single file for a given gate closure on day D all reforecasts (if any) that are relevant:

- to the above-mentioned Consumption Sites
- to the EDA profiles above

Each reforecast covers the whole of day D but only intervals subsequent to the intra-daily gate closure + neutralisation leadtime will be accepted by RTE.

6.5.2 File Name

No.	Field	Format
1	File type	"REPREV_AA" (uppercase).
2	The EIC code of the service provider who created the file (a Balancing Service Provider)	A Balancing Service Provider EIC code.
3	Forecast date	A date in the format “YYYYMMDD"
4	Gate closure date	A date in the format “YYYYMMDD"
5	Gate closure time	A time in the format “hhmm"
6	File extension	".csv" (lowercase).

The general format of the file name is:

REPREV_AA_[Balancing Service Provider’s EIC Code]_[Forecast date]_[Gate closure date]_[Gate closure time].csv

6.5.3 File Line 1

No.	Field	Format
1	The date the file was generated	YYYYMMDD
2	The time the file was generated	A *time* in the form “hhmmss".

6.5.4 File line 2

No.	Field	Format
1	The EIC code of the service provider who created the file (a Balancing Service Provider)	An *EIC code*.
2	The forecast chronicle date	A *date* in the form “YYYYMMDD".
3	RTE gate closure date (file receipt deadline by RTE)	A *date* in the form “YYYYMMDD".
4	The time of the RTE gate closure (the time limit for acceptance of the file per RTE)	A *time* in the form "hhmm" (1500 for the 15:00 gate closure)

6.5.5 Line 3 to the penultimate

There are as many lines as Consumption Sites and EDA profiles for which a new consumption forecast is transmitted.

The format of the data is the same as that specified for the initial forecast.

6.5.6 Last line:

<EOF>

6.5.7 Sample file name

File: “REPREV_AA_17X100A100D0385M _20160924_20160924_1100.csv”

```
20160924;100954;

17X100A100D0385M;20160924;20160924;1100;

EDAPXXL002;;20160924;144;710;711;712;713;714;715;716;717;718;719;720;721;722;723;724;725;726;7
27;728;729;730;731;732;733;734;735;736;737;738;739;740;741;742;743;744;745;746;747;748;749;750
;751;752;753;754;755;756;757;758;759;760;761;762;763;764;765;766;767;768;769;770;771;772;773;7
74;775;776;777;778;779;780;781;782;783;784;785;786;787;788;789;790;791;792;793;794;795;796;797
;…;700;700;

EDATSGE003;7612013000057;20160924;144;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;4
0;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40
;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;
…;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;

EDATSGE004;4134645950052;20160924;144;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;5
0;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50
;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;
…;50;50;50;50;50;50;50;50;50;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0
;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;

EDATSGE004;5134645950052;20160924;144;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;6
0;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60
;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;60;
…;60;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0
;0;0;0;0;0;0;0;0;0;

EDATSGE004;6134645950052;20160924;144;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;7
0;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70
;…;70;70;70;70;70;70;70;70;70;70;70;70;70;70;70;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;

<EOF>
```

6.5.8 Submission frequency and limit time for receipt by RTE

The Balancing Service Provider may transmit to RTE consumption forecasts for the day D at each sub-daily gate closure, taking into account the neutralisation leadtime.

In the case of successive transmissions of several consumer reforecast files to the same intra-daily gate closure by a Balancing Service Provider and for the same day, only the most recent version of the file received before the deadline is accepted.

In the absence of transmission of the initial forecast of a Consumption Site and/or a profiled EDA within the deadline, no reforecast will be accepted for that Consumption Site and/or this profiled EDA for the Balancing Service Provider for the day concerned.

6.6 Unavailability periods using the historical consumption method

The Balancing Service Provider may declare days of unavailability using the method of performance control "by consumption history" per remotely-read Consumption Site and/or profiled EDA:

- at the time of the application for certification of the Consumption Site and/or the EDA profiled using the method of performance control "by consumption history". Only in this context, outages transmitted in retrospect over the certification test period will be accepted by RTE.

- on a regular basis, in principle, as long as the Consumption Site and/or the EDA profiled is controlled by the "consumption history" method.

The outages are of two different types: recurring and exceptional outage.

- Recurrent outages describe the nominal stoppages of the site (weekend, public holidays, annual closure, etc.), so they are planned long in advance and declared within the framework of an annual calendar. The Balancing Service Provider has the possibility to modify the annual schedule of recurring outages for the current year no more than once per year and per site.

- the exceptional outages are known in the shorter term (stoppage for maintenance, unforeseen, etc.), and declared as part of a monthly schedule. The Balancing Service Provider has the possibility to modify the monthly calendar of exceptional outages in the course of months without limit to the number of redeclarations. However, the number of days of exceptional outages for a given site is limited to 49 days/year over 5 disjoined periods.

6.6.1 Recurring Outages

6.6.1.1 Submission frequency and limit time for receipt by RTE

Recurring outages are reported per Consumption Site and/or per profiled EDA and per calendar year (YYYY).

The Balancing Service Provider may declare days of unavailability to the method of performance control "by consumption history":

- at the time of application for certification of the Consumption Site and/or the profiled EDA. The Balancing Service Provider shall transmit to RTE the recurring outages known to it in the following calendar years:
  - calendar years covering the certification test period
  - current calendar year Y at the time of application for certification
  - next calendar year Y+1

  Only in this context will outages transmitted in retrospect will be accepted by RTE.

- on a regular basis, in principle, as long as the Consumption Site and/or the EDA profiled is controlled by the "consumption history" method. In nominal mode, the initial schedule for year Y must be reported no later than December 15 of Y-1.

The Balancing Service Provider may change the annual schedule of recurring outages in the current year at the most once per year and per site and/or profiled EDA. The new schedule must be submitted two days before the document start date. It cancels and replaces all previously communicated outages for the Site and/or the profiled EDA, between the date of the start of the document and the end of the calendar year concerned. The remotely-read Consumption Sites and/or profiled EDA without amendment of recurring outages are not included in this new schedule.

In the absence of a schedule of recurring outages, the site and/or the profiled EDA is considered to be available every day of the year (excluding exceptional outages).

6.6.1.2 File name

No.	Field	Format
1	File type	"INDHISTREC_AA" (uppercase).
2	The calendar year for which recurring outages are reported	A year in the form “YYYY".
3	Document Start Date - Returns are for the period from that date to the end of the calendar year.	Date in the form YYYYMMDD - 1 January of YYYY for an initial declaration on 15 December of Y-1 - Any day of YYYY for a redeclaration during the year.
4	Balancing Service Provider’s EIC Code	Issuer’s EIC Code
5	File creation date/time	Date and time the file was created in the form “YYYYMMDDhhmmss"
6	File extension	".csv" (lowercase).

The general format of the file name is:

INDHISTREC_AA_[Year of Effect]_[Date Document Start]_[Balancing Service Provider’s EIC Code]_[Creation date/time].csv

6.6.1.3 File line 2

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

"processType;documentStartDate;documentEndDate;Sender;
site_RegisteredResource.mRID;entity_RegisteredResource.mRID;businessType;
start_DateAndOrTime.date;end_DateAndOrTime.date;comments;"

6.6.1.4 Line 3 and beyond

The file includes a line for each outage period reported on a Consumption Site and/or a profiled EDA.

Each line has the following values for fields 1 through 10:

No.	Field	Description	Format
1	processType	"A26 Unavailability information"	Text (50)
2	documentStartDate	The start date of the period covered by the file. This is necessarily the Start Date of the Document.	YYYYMMDD
3	documentEndDate	The end date of the period covered by the file. This is necessarily the last day of the calendar year concerned.	YYYYMMDD
4	Sender	Adjustment actor's EIC code	Text (10)
5	site_RegisteredResource.mRID	Site Code (External Site Code if distribution grid site) "code décompte" if transmission site) if outages declared to the Site coverage <empty> otherwise	Text (10) or <empty>
6	entity_RegisteredResource.mRID	Profiled EDA code if outages declared to EDA to the coverage of the profiled EDA <empty> otherwise	Text (10) or <empty>
7	businessType	"Consumption Site closed" Or "Unavailable Entity" or "Cancellation" (*)	Text (50)
8	start_DateAndOrTime.date	Effective time and date of outage [start date/time]	YYYYMMDD000000
9	end_DateAndOrTime.date	Effective date and time of outage [end date/time]	YYYYMMDD235959
10	comments	Type of day	Text (50)

(*) To cancel all outages until the end of the calendar year, enter a single line over the entire redeclaration period covered by the file, by positioning the field *businessType* to "Cancellation".

6.6.1.5 Sample File

INDHISTREC_AA_2017_20170401_17X100A100R06999_20170331121200.csv

```
20170331;121200;
processType;documentStartDate;documentEndDate;Sender;
site_RegisteredResource.mRID;entity_RegisteredResource.mRID;businessType;
start_DateAndOrTime.date;end_DateAndOrTime.date;comments;
A26 Unavailability
information;20170401;20171231;17X100A100R06999;PRM30001640904899;;Consumption Site
closed;201704012000000;20170401235959;maintenance;
A26 Unavailability
information;20170401;20171231;17X100A100R06999;PRM30001640904899;;Consumption Site
closed;20171111000000;20171111235959;onze novembre;
A26 Unavailability
information;20170401;20171231;17X100A100R06999;PRM30001640904899;;Consumption Site
closed;20171225000000;20171225235959;noel;
A26 Unavailability information;20170401;20171231;17X100A100R06999;;EDA0001;Unavailable
Entity;20170407000000;20170407235959;maintenance;
A26 Unavailability
information;20170401;20171231;17X100A100R06999;PRM30001640904855;;Cancellation;20170401
000000;20171231235959;;
<EOF>
```

6.6.2 Exceptional Outages

6.6.2.1 Submission frequency and limit time for receipt by RTE

Not later than 5 working days before the end of the month M-1, the Balancing Service Provider shall declare the periods of exceptional outages of one or more Consumption Sites and/or profiled EDA on the month M (an exceptional outage is at least one day, or any number of consecutive days).

Exceptional outages may be redeclared within a month two days prior to the document start date. The redeclaration cancels and replaces all exceptional outages previously communicated for the Site or the profiled EDA, between the start date of the document and the end of the month concerned. The remotely-read Consumption Sites and/or profiled EDAs without amendment of exceptional outages are not included in the redeclaration.

6.6.2.2 Description

The name of the exceptional outages file is:

No.	Field	Format
1	File type	"INDHISTEXC_AA" (uppercase).
2	Month on which recurring outage declarations are made	Month and year in the form "YYYYMM".
3	Document Start Date - Declarations are for the period from that date to the end of the month	Date in the form YYYYMMDD - necessarily the 1st of the month M for the initial declaration at the end of M-1 - any day of the month M for redeclaration
4	Balancing Service Provider's EIC Code	Issuer's EIC Code
5	Creation date/time	Date and time the file was created in the form "YYYYMMDDhhmmss"
6	File extension	".csv" (lowercase).

The general format of the file name is:

INDHISTEXC_AA_[Year and Month of Effect]_[Document Start Date]_[Balancing Service Provider's EIC Code]_[Creation Date/time].csv

6.6.2.3 Line 2

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

«processType;documentStartDate;documentEndDate;Sender;
site_RegisteredResource.mRID;entity_RegisteredResource.mRID;businessType;
start_DateAndOrTime.date;end_DateAndOrTime.date;comments »

6.6.2.4 Line 3 and beyond

This line contains the values for fields 1 to 10:

No.	Field	Description	Format
1	processType	"A26 Unavailability information"	Text (50)
2	documentStartDate	The start date of the period covered by the file. This is necessarily the Start Date of the Document.	YYYYMMDD
3	documentEndDate	The end date of the period covered by the file. This is necessarily the last day of the month concerned.	YYYYMMDD
4	Sender	Adjustment actor's EIC code	Text (10)
5	site_RegisteredResource.mRID	Site Code (External Site Code if distribution grid site) "code décompte" if transmission site) if outages declared to the Site coverage <empty> otherwise	Text (10) Or <empty>
6	entity_RegisteredResource.mRID	Profiled EDA code if outages declared to EDA to the coverage of the profiled EDA <empty> otherwise	Text (10) Or <empty>

7	businessType	A76 Load unavailability Or "Unavailable Entity" Or “Cancellation” (*)	Text (50)
8	start_DateAndOrTime.date	Effective time and date of outage [start date/time]	YYYYMMDD000000
9	end_DateAndOrTime.date	Effective date and time of outage [end date/time]	YYYYMMDD235959
10	comments	Type of day	Text (50)

(*) To cancel all outages until the end of the month, enter a single line over the entire redeclaration period covered by the file, by positioning the field *businessType* to "Cancellation".

6.6.2.5 Example files:

INDHISTEXC_AA_201610_20161010_17X100A100R00199_20161007100000.csv

20161007;100000

processType;documentStartDate;documentEndDate;Sender;
site_RegisteredResource.mRID;entity_RegisteredResource.mRID;businessType;
start_DateAndOrTime.date;end_DateAndOrTime.date;comments;

A26 Unavailability
information;20161010;20161031;17X100A100R00199;PRM30000900000009;;A76 - Load unavailability;20161013000000;20161013235959;Maintenance;

A26 Unavailability
information;20161010;20161031;17X100A100R00199;;EDA0001;Unavailable Entity;20161015000000;20161015235959;Maintenance;

A26 Unavailability
information;20161010;20161031;17X100A100R00199;;EDA0002;Cancellation;20161010000000;20161031235959;;

<EOF>

6.7 Declaration of submission of Final Dispatch Schedule

This exchange of data is linked to the entry into force of the date M relating to standard bid activations (and then M' relating to specific bid activations) of §3.1.4.2 of the REMA Rules v9. It will be implemented before the entry into force of the date M, so that the Service Provider can meet the expected deadline for notification.

6.7.1 Description

Balancing Service Providers have the option, through the Order Recipients, of returning a final dispatch schedule, following the acceptance of a balancing order on an EDA, in order to comply with the requirements of the Rules for each type of bid.

In that case, the Final Dispatch Schedule must be returned:

- for each EDP of the EDA, without exception, if it is composed of EDPs.
- for each EDA otherwise.

The Balancing Service Provider must ensure that it has declared the return of the Final Dispatch Schedule(s) relating to the EDA before sending it (or them).

By default, in the absence of a declaration, RTE considers that no Final Dispatch Schedule(s) relating to the EDA will be returned.

The Balancing Service Provider may declare the return of the Final Dispatch Schedule(s) relating to the EDA on an application date D long in advance, and amend it until 23:59 on D-2. Thus, the consistency of Final Dispatch Schedule dispatches according to the composition of the entity can be checked by RTE upstream of the real-time process.

Final Dispatch schedules sent for an EDA for which the declaration has not been made will not be accepted by RTE.

If the Balancing Service Provider has declared the return of one or more Final Dispatch Schedules related to the EDA, RTE expects a single and valid Final Dispatch Schedule for the EDA (or for each EDA EDP), following the activation of a standard (then specific) bid. Otherwise, none of the EDA Final Dispatch Schedules sent to RTE following the activation of a standard (then specific) bid will be accepted by RTE.

6.7.2 Data transition mode

The Balancing Service Provider shall declare, via an HMI made available by RTE, a date of change in the future, applicable as soon as the day after, of the dispatch of the Final Dispatch Schedule(s) relating to the EDA. This declaration applies until otherwise stated.

The proposed HMI does not require the use of files, even in the case of multiple declarations of dozens of entities.

6.8 Declaration of participation of EDAs in the standard RR product exchange platform

This exchange of data is linked to the opening of the Replacement Reserve (RR) European product exchange platform. It will be implemented before the date of entry into force, so that the balancing service provider can comply with the deadline for notification.

6.8.1 Description

Following the establishment of RR's Replacement Reserve, balancing service providers will be able to submit standard RR product bids on the basis of balancing entities qualified for these products. The service providers may also continue to submit specific bids on the same balancing entities.

The balancing service provider must ensure that, at the launch of RR's European Standard Product Exchange Platform, and then throughout its participation in that platform, it has declared the balancing entities with which it intends to offer RR standard product bids. This declaration verifies the existence of an ongoing EDA qualification for the RR product and in return, allows it to consult the authorisation or not to use the EDA. In the absence of an existing qualification, this declaration also applies to an implicit request for EDA qualification for the product.

In the absence of a declaration, verification of the qualification of the balancing entity or of the existence of a qualification in force for that balancing entity could not be carried out: any standard product bid submitted on such an entity will be refused.

For each balancing entity, the declaration is expected to be made no later than 23:59 on D-2, D being the day of application of the standard product balancing bid.

Only start and end dates are expected. During this period, it is possible to temporarily suspend the submission of standard RR bids. Also, the end of participation is not final: the service provider may declare a new start date for participation in the future.

6.8.2 Data transition mode

The Balancing Service Provider shall declare, via an HMI made available by RTE, a date of change in the future, applicable as soon as the day after, whether or not the EDA is used to submit standard RR product bids on the platform. This declaration applies until otherwise stated.

The proposed HMI does not require the use of files, even in the case of multiple declarations of dozens of entities.

6.9 Declaration by the Service provider of the impacted DSOs by its balancing perimeter

This exchange of data is linked to the entry into force of the date F of §4.2.1.1 of the REMA Rules v9.1. It aims to ensure the reliability of the perimeter management implemented through the GIPSE portal, allowing the balancing service provider to transmit to RTE the list of DSOs impacted by their balancing perimeter.

As a result of this statement, RTE expects to receive baseline data for this EDA from all of the mentioned DSOs.

6.9.1 Description

At the creation of the EDA, the balancing service provider must declare the list of the Distribution System Operators impacted by that EDA, that is, having at least one generation unit or Consumption Site or Stationary Storage Facility in their territory that forms part of the EDA.

If no Distribution System Operator is declared at the EDA level, RTE considers that no generation unit, Consumption Site or Stationary Storage Facility should be attached to the EDA.

At each EDA perimeter update, the service provider must ensure that this list is up to date and report any update to RTE.

An update of this list is not necessary if the updating of the perimeter does not involve a change in the composition of the EDA, or if only the number of the DSO's generation units, Consumption Sites or Storage Facilities in the EDA evolves without impact on the final list of DSOs. It is also not necessary to specify, by EDA, which generation units, Consumption Sites or Stationary Storage Facilities depend on each DSO, or their number per DSO.

However, if, following a change in perimeter, a previously declared EDA-level DSO no longer contains any EDA generation unit, Consumption Site or Stationary Storage Facility groups, the service provider must update the EDA-to-RTE list, which will no longer include the DSO.

6.9.2 Data transition mode

The Balancing Service Provider shall declare and update this list per EDA via an HMI made available by RTE, no later than 10 Working Days before the end of the month M, as part of the management of the perimeter for M+1.

The proposed HMI does not require the use of files, even in the case of reports of dozens of EDAs.

7 Data provided by Scheduling Agents

7.1 Declaration of Forecast Dispatch Schedule Resolution

This exchange of data is linked to the entry into force of the date Y of §3.1.2.1 of the REMA Rules v9. It will be implemented at least seven days before the entry into force of this date.

7.1.1 Description

The Scheduling Agent is required to inform RTE of the resolution with which he is developing the Forecast Dispatch Schedule for each of the Scheduling Entities and Reserve Entities of the Extraction type of his Scheduling Perimeter.

By default, RTE considers the resolution used to be the current 30-minute resolution.

The Scheduling Agent must ensure that the resolution of the schedule has been declared before sending it. In the event of inconsistency at the time of the receipt of the RTE Forecast Dispatch Schedule, between the resolution of the schedule at the level of a draft RFP or BDU and the value previously declared by the Scheduling Agent at that entity, the EDP or EDR schedule of the Extraction type will be considered invalid.

The Scheduling Agent can declare the schedule resolution for a draft EDP or EDR for an application date D long in advance, and amend it until 23:59 on D-8. The submissions and redeclarations of this Forecast Dispatch Schedule between 23:59 on J-8 and 22:00 on D will have the same resolution.

In addition, the intra-daily redeclarations of the Forecast Dispatch Schedule necessarily have the same resolution as the Forecast Dispatch Schedule transmitted for the HLAR (Network Access Deadline).

7.1.2 Data transition mode

The Scheduling Agent shall declare, via an MHI made available by RTE, a date of change in the future, applicable at the earliest seven days later, of the resolution of the Forecast Dispatch Schedule at the level of each EDP and EDR of the Extraction type of its Scheduling Perimeter, as well as the target value of the change among the values 5 mins, 15 mins and 30 mins. This value applies until a new change is reported.

The proposed HMI does not require the use of files, even in the case of multiple declarations of dozens of entities.

8 Data transmitted by RTE to Distribution System Operators

8.1 List of active EDAs

8.1.1 Description

Seven (7) working days before the end of each month M, RTE transmits the list of EDAs Injection RPDs, Remotely-Read Extraction EDAs present on the Distribution Network System and active Profiled EDAs for the month M+1 to the DSOs. This list is only indicative, despite all the attention paid by RTE in drawing it up. The performance control methods mentioned in this list are those declared by the Balancing Service Providers.

On the 1st working day of the month M+1, RTE transmits the list of EDA Injection RPDs, Remotely-Read Extraction EDAs present on the Distribution Network System and active Profiled EDAs for the month M+1 to the DSOs. The performance control methods mentioned in this list have been validated by RTE, in the light of the certifications in force on the month M+1.

8.1.2 File Name

No.	Field	Format
1	File type	"LISTE_EDA_GRD" (uppercase).
2	The month covered by the list of EDAs	A *date* in the form "YYYYMM".
3	Status of the data sent	A string of characters from <DECLARATIF> and <FINAL>
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

LISTE_EDA_GRD_[Month]_[<DECLARATIF> or <FINAL>]_[Creation date/time].csv

8.1.3 File Line 1

No.	Field	Format
1	The month covered by the list of active EDAs	A *date* in the form "YYYYMM".
2	Status of the data sent	A string of characters from <DECLARATIF> and <FINAL>

The data is separated by a semicolon. The line ends with a semicolon.

8.1.4 File line 2

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

"CODE_EDA;TYPE_EDA;METHODE;"

8.1.5 Line 3 to the penultimate

The file must contain one line per active EDA.

No.	Field	Format
1	The EDA code concerned (CODE_EDA)	An *EDA code.*
2	Type of EDA (TYPE_EDA)	The type of EDA from among the following values: "EDA INJECTION RPD" "EDA SOUTIRAGE TELERELEVEE" "EDA SOUTIRAGE PROFILEE"

No.	Field	Format
3	The CRMA Method (METHODE)	A *character string* from among the values: For EDA injection RPDs: <VIDE> or <RECTANGLE> For the others: "RECTANGLE" "PREVISION" "HISTORIQUE"

8.1.6 Last Line

<EOF>

8.1.7 Sample File

File "LISTE_EDA_GRD_201711_DECLARATIF_20171021180000.csv"

```
201711;DECLARATIF;
CODE_EDA;TYPE_EDA;METHODE;
EDAxxx;EDA SOUTIRAGE TELERELEVEE;PREVISION;
EDAyyy;EDA SOUTIRAGE PROFILEE;HISTORIQUE;
EDAzzz;EDA INJECTION;;
<EOF>
```

File "LISTE_EDA_GRD_201711_FINAL_20171102180000.csv"

```
201711;FINAL;
CODE_EDA;TYPE_EDA;METHODE;
EDAxxx;EDA SOUTIRAGE TELERELEVEE;PREVISION;
EDAyyy;EDA SOUTIRAGE PROFILEE;RECTANGLE;
EDAzzz;EDA INJECTION RPD;;
<EOF>
```

8.2 Activated Bids

8.2.1 Description

On J+3, RTE shall provide, to any DSO that so requests, a file containing the details of the activated bids made during day D for EDAs with at least one site connected to its network.

8.2.2 File Name

No.	Field	Format
1	File type	"OA_GRD" (uppercase).
2	The day on which the balancing operations are carried out	A *date* in the form "YYYYMMDD".
3	The EIC code of the service provider for whom the file is intended (principal DSO)	An *EIC code*.
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

OA_GRD_[Balancing Day]_[DSO's EIC Code]_[Creation date/time].csv

8.2.3 File Line 1

No.	Field	Format
1	The EIC code of the service provider to whom the file is intended (a DSO)	An *EIC code*.
2	The day on which the balancing operations are carried out	A *date* in the form "YYYYMMDD".

8.2.4 File line 2

This line is identical in all files of this type. It contains the ordered labels of the fields in the following lines:

"ID_AJUSTEMENT;CODE_EDA;SENS_AJUSTEMENT;ACTIVATION_DEBUT;ACTIVATION_FIN;PUISSANCE;PART_AJUSTEMENT;DMO;"

8.2.5 Line 3 to the penultimate

Each of these lines contains a bid Activated for a single Balancing Entity.

The file must contain one line in this form for each Bid Activated.

No.	Field	Format
1	Activated bid ID (ID_AJUSTEMENT)	A strictly positive integer
2	The EDA code concerned (CODE_EDA)	An *EDA code.*
3	The direction of the balancing order (SENS_AJUSTEMENT)	"HAUSSE" or "BAISSE"

No.	Field	Format
4	The Balancing Activation moment (ACTIVATION_DEBUT)	A *date/time* in the form "YYYYMMDDhhmmss".
5	The Balancing Disabling moment (ACTIVATION_FIN)	A *date/time* in the form "YYYYMMDDhhmmss".
6	The Balancing Power requested (PUISSANCE)	In MW. Strictly positive integer.
7	The share of the EDA balancing cross-zonal capacity on the DSO's network for the month M (PART_AJUSTEMENT)	A decimal number between 0 and 1, to 10^-3 Value = 1 if the EDA is only on the perimeter of the DSO concerned.
8	Full Activation Time (FAT)	Integer

8.2.6 Sample File

File "OA_GRD_20150315_5678C1234X67S91Z_20150318190251.csv"

```
20150318;190251;
5678C1234X67S91Z;20150315;
ID_AJUSTEMENT;CODE_EDA;SENS_AJUSTEMENT;ACTIVATION_DEBUT;ACTIVATION_FIN;PUISSANCE;PART_AJUSTEMENT;DMO;
1788;CODEEDA1;HAUSSE;201503010920;20150315010940;2;0,250;13;
1789;CODEEDA2;BAISSE;201503011420;20150315011540;4;0,500;13;
1790;CODEEDA9;HAUSSE;201503011920;20150315011940;1;1,000;30;
…
1921;CODEEDA1;BAISSE;201503010920;20150315010940;5;0,001;30;
1922;CODEEDA1;HAUSSE;201503011100;20150315011120;3,2;0,983;9;
<EOF>
```

8.3 Power created for Consumption Sites with the Corrected Model

8.3.1 Description

5 Working Days before the end of each Month M, RTE transmits to the DSO a file containing the time series of power created, certified by each of the Consumption Sites using the Corrected Model connected to its network, following the performance control carried out by RTE, during the month M-1.

In the event of rejections due to disputes, for a period of twelve months, the time series of created power are recalculated and returned to the DSOs.

8.3.2 File Name

No.	Field	Format
1	File type	"MA_CRMODECORRIGE" (uppercase).
2	The month in which the balancing operations are carried out	A *date* in the form "YYYYMM".
3	DSO's EIC code	Character string

No.	Field	Format
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

The general format of the file name is:

MA_CRMODECORRIGE_[YYYYMM]_[CodeEICGRD]_[Creation date/time].csv

8.3.3 File Line 1

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line. This line always contains the 54 character strings described below (to handle 25 hr days).

No.	Field	Format
1	CODE_EDA	character string
2	CODE_SITE	character string
3	DATE_APP	character string (Application Date)
4	NB_PTS_CHRONIQUE	character string
5	VAL1	character string
6	VAL2	character string
7…	Etc	... up to
54	VAL50	character string

« CODE_EDA;CODE_SITE;DATE_APP;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50; »

8.3.4 Line 2 and greater of the file

Each line contains the following data, separated by semicolons.

There is a semicolon at the end of the line. In the case of a day of 23, 24 or 25 hours, the lines always have 54 fields. They are filled with semicolons without spaces to contain as many columns as row 1.

There are as many lines as necessary to cover every day of the month. For a given month, if there has been no balancing, the file will be sent with only the header line.

There can be multiple EDAs in the same file.

If, for a given day, there was no balancing, then the day does not give rise to a line.

No.	Field	Format
1	The EDA code	An *EDA code.*
2	The Distribution Grid External Site CODE	A concatenation of the TYPE_SITE and ID_SITE fields passed by the DSO in the MA_REFST_TLRLV_GRD_* files Example: PRM00000000000001, PDL001AA0, CARD0000000001
3	Date of completion of the load profile (DATE)	YYYYMMDD
4	Number of measurement points (NB_PTS_CHRONIQUE)	Integer 46 for 23-hour day 48 for a 24-hour day 50 for a 25-hour day
5	Power adjusted to the first 30-minute interval	The adjusted power is expressed in kW over the time interval [00:00:00; 00:30:00[. This is a number with a maximum of 3 decimal places. The value is positive or zero (these are consumption sites).
6…54	The adjusted power of the site for each 30-minute interval	The rule is the same as for the 1st 30-minute interval of the day (VAL1). In the case of a day of 23 or 24 hours, there are 46 or 48 values. The 4 or 2 values in rows 46 to 50 are not filled in but are marked with semicolons without spaces). In the case of a 25-hour day, the 2 values of the repeated hour are inserted after the time to be repeated and separated by semicolons.

8.3.5 Sample File

File "MA_CRMODECORRIGE_201608_5678C1234X67S91Z_20160923190251.csv"

```
CODE_EDA;CODE_SITE;DATE_APP;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL
10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;
VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL
41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;

EDA12TC1;PDL001AA0;20160804;48;0;0;0;0;0;0;0;0;0;0;1512;1458;1523;0;0;0;0;0;0;0;0;0;0;0;0;0
;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;;;

EDA12TC1;PDL001AA0;20160812;48;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;14
25;1282;0;0;0;0;0;0;0;0;0;0;0;0;0;0;;;

EDA01AA1;PRM00000000000001;20160812;48;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;500;514;0;0;0;0;0;0;0;0;0;;;

EDA01AA1;PRM00000000000002;20160812;48;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;200;250;0;0;0;0;0;0;0;0;0;;;
```

8.4 List of remotely-read distribution grid Consumption Sites certified for methods based on forecast and history

8.4.1 Description

Not later than 10 Working days before the end of each Month M, RTE shall transmit to the DSOs a list of the remotely-read Consumption Sites connected to their network and certified for the method of performance control "based on consumption forecast" or "based on consumption history" and, for the latter, the variant chosen after the certification

8.4.2 File Name

No.	Field	Format
1	File type	"MA_SITES_HOMOL_GRD" (uppercase).
2	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
3	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
4	File extension	".csv" (lowercase).

8.4.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

8.4.4 File line 2

No.	Field	Format
1	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
2	The month "M" for which the data is valid	A *month* in the form "YYYYMM".

8.4.5 File line 3

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

"CODE_EXT_SITE;DATE_DEBUT_HOMOL_PREV;DATE_FIN_HOMOL_PREV;
CAPA__MIN_PREV;DATE_DEBUT_HOMOL_HIST;DATE_FIN_HOMOL_HIST;VARIANTE_HIST;CAPA_MIN_HIST;CODE_EIC_OF;"

8.4.6 Line 4 to penultimate

	Field	Format
1	Consumption Site external code (CODE_EXT_SITE)	An *externe_site code.*
2	The effective date of the certification for the method based on forecast	A *date* in the form "YYYYYMMDD" Empty field if site not certified for the method based on forecast
3	Date of completion of the certification for the method based on forecast	A *date* in the form "YYYYYMMDD" Blank field if the site is not certified for the method based on forecast or if the site has a valid certification using the method based on forecast.
4	Minimum Balancing cross-zonal capacity upward for which the Site is for the method based on forecast.	Value in kW
5	The effective date of the certification for the method based on historical data	A *date* in the form "YYYYYMMDD" Empty field if site not certified for the method based on historical data
6	Date of completion of certification for the method based on historical data	A *date* in the form "YYYYYMMDD" Empty field if the site is not certified for the method based on historical data or if the site has certification for the method based on historical data.
7	Variant used in the case of certification to the method by historical data	"MOY10J" (mean 10 days) "MED10J" (median 10 days) "MOY4S" (mean 4 weeks) "MED4S" (median 4 weeks) Empty field if site not certified for the method based on historical data
8	Minimum Balancing cross-zonal capacity upward for which the Site is certified for the method based on historical data	Value in kW
9	Balancing Service Provider's EIC Code	An EIC code

There is one line per site, per certification and per method. For example, a site with two certifications, one for the method based on forecast, the other for the method based on historical data, will be described on two lines:

PRM000001;20180201;;350;;;;17X100A100A12345;

PRM000001;;; ;20180301;;MOY10J;350;7X100A100A12345;

8.5 Consumption forecasts for remote distribution grid Consumption Sites

8.5.1 Description

For remotely-read Consumption Sites connected to the distribution grid and attached to a Balancing Entity controlled by the "based on consumption forecast" method for which a Balancing operation for day D has been notified to the Balancing Service Provider, RTE transmits to the distribution grid operator to which the Consumption Site is connected, by D+3 at the latest, the consumption forecast applicable for day D.

8.5.2 File Name

No.	Field	Format
1	File type	"MA_PREV_GRD" (uppercase).
2	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
3	The date the forecast file is for.	A *Day* in the form "YYYYMMDD".
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

8.5.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

8.5.4 File line 2

No.	Field	Format
1	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
2	The date the forecast file is for.	A *Day* in the form "YYYYMMDD".

8.5.5 File line 3

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

"CODE_EDA;CODE_EXT_SITE;DATE;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50; etc"

8.5.6 Line 4 to penultimate

There are as many lines as there are Consumption Sites for which a consumption forecast is transmitted.

No.	Field	Format
1	The EDA code	The *code EDA* of the EDA to which the site belongs.
2	Consumption Site ID	The site external code with which the Consumption Site is identified in the perimeter file transmitted by the DSO to the Balancing Service Provider.
3	Date Load Curve created (DATE)	A *date* in the form "YYYYMMDD".
4	The number of points in the Load Curve (NB_PTS_CHRONIQUE)	The interval is 10 minutes so the number of points is **144** except for the days the clocks change where it is **138** (*for the day changing to summer time*) or **150** (*for the day changing to winter time).*
5	The mean power achieved for the first 10 minutes of the day, (VAL1 for the period [00:00, 00:10[)	The power is expressed in kW (an integer consisting of 6 digits maximum).
From 6 to 4+ NB_PTS_CHRONIQUE	The mean power achieved for the "i"th 10-min point of the day (VAL2... VAL NB_PTS_CHRONIQUE-1)	The rule is the same as for the 1st 10-minute interval of the day (VAL1). No value should be specified for points no. i (VALi) where i > NB_PTS_CHRONIQUE.

8.5.7 Time and frequency of submission by RTE

A file MA_PREV_GRD shall be transmitted to each DSO to which at least one Consumption Site using the corrected model is connected and attached to a Balancing Entity certified for the "based on consumption forecast" method, for each day D for which a Balancing Operation is applicable to the Consumption Sites concerned. This file is transmitted on D+3 at the latest.

If, for a day D, no balancing has been retained on the Consumption Sites connected to a DSO, no file shall be transmitted to it.

8.5.8 Sample File

File " MA_PREV_GRD_17X100000000000Z_20181201_20181204110954.csv "

```
20181204;110954;
17X100000000000Z;20181201;
CODE_EDA;CODE_EXT_SITE;DATE;NB_PTS_CHRONIQUE;VAL1;VAL2;VAL3;VAL4;VAL5;VAL6;VAL7;VAL8;VAL9;VAL
10;VAL11;VAL12;VAL13;VAL14;VAL15;VAL16;VAL17;VAL18;VAL19;VAL20;VAL21;VAL22;VAL23;VAL24;VAL25;
VAL26;VAL27;VAL28;VAL29;VAL30;VAL31;VAL32;VAL33;VAL34;VAL35;VAL36;VAL37;VAL38;VAL39;VAL40;VAL
41;VAL42;VAL43;VAL44;VAL45;VAL46;VAL47;VAL48;VAL49;VAL50;VAL51;VAL52;VAL53;VAL54;VAL55;VAL56;
VAL57;VAL58;VAL59;VAL60;VAL61;VAL62;VAL63;VAL64;VAL65;VAL66;VAL67;VAL68;VAL69;VAL70;VAL71;VAL
72;VAL73;VAL74;VAL75;VAL76;VAL77;VAL78;VAL79;VAL80;VAL81;VAL82;VAL83;VAL84;VAL85;VAL86;VAL87;
VAL88;VAL89;VAL90;VAL91;VAL92;VAL93;VAL94;VAL95;VAL96;VAL97;VAL98;VAL99;VAL100;VAL101;VAL102;
VAL103;VAL104;VAL105;VAL106;VAL107;VAL108;VAL109;VAL110;VAL111;VAL112;VAL113;VAL114;VAL115;VA
L116;VAL117;VAL118;VAL119;VAL120;VAL121;VAL122;VAL123;VAL124;VAL125;VAL126;VAL127;VAL128;VAL1
29;VAL130;VAL131;VAL132;VAL133;VAL134;VAL135;VAL136;VAL137;VAL138;VAL139;VAL140;VAL141;VAL142
;VAL143;VAL144;VAL145;VAL146;VAL147;VAL148;VAL149;VAL150;
EDATEDA003;PRM76120130000057;20181201;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0
;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;
40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;40;
40;…;0;0;
EDATST004;PRM41346459500052;20181201;144;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;
0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;5
0;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;5
0;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;50;5
0;…;0;0;
<EOF>
```

8.6 Historical method unavailable for remotely read distribution grid Consumption Sites

8.6.1 Description

For remote Consumption Sites connected to the distribution grid and attached to a Balancing Entity controlled by the "based on historical consumption data" method for which a Balancing Operation for the day D has been notified to the Balancing Service Provider, RTE transmits to the distribution grid operator to which the Consumption Site is connected, by D+3 at the latest, the consumption site outages allowing it to calculate the reference curve of the site for day D.

8.6.2 File Name

No.	Field	Format
1	File type	"MA_INDHIST_GRD" (uppercase).
2	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
3	The date on which the outage file is placed	A *Day* in the form "YYYYMMDD".
4	The date and time the file was created	A *date/time* in the form "YYYYMMDDhhmmss".
5	File extension	".csv" (lowercase).

8.6.3 File Line 1

No.	Field	Format
1	The day the file was generated	A *date* in the form "YYYYMMDD".
2	The time the file was generated	A *time* in the form "HHMMSS".

8.6.4 File line 2

No.	Field	Format
1	The EIC code of the service provider to whom the file is intended (a DSO)	An EIC code.
2	The date on which the outage file is placed	A *Day* in the form "YYYYMMDD".

8.6.5 File line 3

This line consists of the following character strings, separated by semicolons. There is a semicolon at the end of the line.

"CODE_EDA;CODE_EXT_SITE;DATE_INDISPO"

8.6.6 Line 4 to penultimate

There are as many lines as there are Consumption Sites for which an outage is transmitted.

No.	Field	Format
1	EDA code (CODE_EDA)	The *code EDA* of the EDA to which the site belongs.
2	Consumption Site ID (CODE_EXT_SITE)	The site external code with which the Consumption Site is identified in the perimeter file transmitted by the DSO to the Balancing Service Provider.
3	Date of outage (DATE_INDISPO)	A *date* in the form “YYYYMMDD".

8.6.7 Time and frequency of submission by RTE

The file MA_ INDHIST_GRD contains consumption site outages belonging to a remotely-read Balancing Entity, controlled by the “based on historical consumption data" method, and attached to the recipient DSO.

The file containing the outages declared for day D shall be transmitted by D+3 at the latest.

In the event of no declared outage for the relevant sites attached to the DSO perimeter for a given day, no file shall be sent.

8.6.8 Sample File

File " MA_INDHIST_GRD_17X100000000000Z_20181201_20181204111002.csv "

```
20181204;111002;
17X100000000000Z;20181201;
CODE_EDA;CODE_EXT_SITE;DATE_INDISPO;
EDATEDA010;PRM76120130009957;20181201;
EDATST014;PRM41346459509952;20181201;
<EOF>
```

9 IS rules on the implementation of the payment by the balancing service provider to the suppliers of the demand response sites

9.1 Data transmitted to balancing service providers by RTE

9.1.1 Description

Each working day, RTE transmits the amount of the Demand Response Compensation Payment to be made by the balancing service provider on the basis of the balancing volumes requested and the updated financial statement.

Monthly, RTE transmits the invoice for the Demand Response Compensation Payment based on the balancing volumes completed.

9.1.2 Method of transmission of the data by RTE

The data is sent by email to each Balancing Service Provider in its email box hosted at RTE dedicated to the Demand Response Compensation Payment mechanism on the Balancing Mechanism.

Each Balancing Service Provider must make a request to create and access a hosted mailbox dedicated to the mechanism. The request must be made using the form available online:

https://clients.rte-france.com/secure/fr/visiteurs/accueil/portail_adhesion.jsp.

The boxes "I am a Balancing Service Provider" - "Consumer (I have consumption sites within my balancing perimeter)" must be selected on the form.

In the event that the Balancing Service Provider already has access to the RTE IS under another mechanism, it may directly contact its Customer Relations Officer by email to notify him of a request to create a hosted mail box.

All technical information describing the operation of hosted mailboxes can be found in RTE's Customer Portal, and more specifically in the documents currently available: IS Rules and General Appendix of IS Rules.

9.2 Methods for advance payment by balancing service providers

9.2.1 Description

The Service Provider may make advance payments in order to keep its outstanding amount under the amount of its bank guarantee.

9.2.2 Bank Transfer Wording

The wording of transfers must be in the following format: "[YYMM][VA][CODECLIENT]" with:

- YYMM, the year and month of consumption for which the payment is made (e.g. 1504). This information allows RTE to deduct advance payments from the invoice for the specified consumption month;
- VA (for Early Payment [Versement Anticipé]) fixed value;
- CODECLIENT: Customer code sent by RTE, this code is recalled in the daily e-mail.

The daily e-mail contains the complete wording to be followed if the service provider wishes to make an Early Payment.

The transfer must be made to the Fund for the Collection and Payment of the Demand Response Compensation Payment, the domiciliation of which is specified in Appendix 3 of Section 1 of the BRE-BALANCE MECHANISM Rules.

9.3 Payment of Invoices for Demand Response Compensation Payments by Balancing Service Providers

9.3.1 Description

A monthly invoice is sent by e-mail to the Balancing Service Provider containing the amount of the demand response compensation payment on the basis of the volumes realised for the month of consumption M-1 (M being the month of invoicing) and the regularisations of previous consumption months (M-3, M-6, M-12). The invoice is also available on RTE's Customer Services Portal.

An e-mail recalling the invoice amount and the details of the volumes realised is also sent in the hosted mailbox.

In the case of an invoice giving rise to a refund from RTE, a bank transfer will be made by RTE. No action on the part of the Balancing Service Provider is to be carried out in this case.

9.3.2 Bank Transfer Wording

The wording of transfers for payment of invoices shall be as follows: "[NUMEROFACTURE][PF][CODECLIENT]" with:

- NUMEROFACTURE means the invoice number available in the customer area and sent by post;
- PF, Payment of Invoice [Paiement Facture], Fixed Value;
- CODECLIENT, Customer code sent by RTE, this code is recalled in the monthly e-mail.

The transfer must be made to the Fund for the Collection and Payment of the Demand Response Compensation Payment, the domiciliation of which is specified in Appendix 3 of Section 1 of the BRE-BALANCE MECHANISM Rules.

9.4 Data transmitted to power providers by RTE

9.4.1 Description

Monthly, RTE sends each of the Suppliers concerned Demand Response Compensation Payment invoices drawn up by RTE, for and on behalf of the Supplier on the basis of the volumes realised.

9.4.2 Method of transmission of the data by RTE

Invoices are sent monthly by e-mail.

Payments are also sent by e-mail to each Supplier in their e-mail box, hosted by RTE, dedicated to Demand Response Compensation Payment (on the Balancing Mechanism or on the NEBEF mechanism).

Each Supplier must make a request to create and access a hosted mailbox dedicated to the mechanism. The request must be made using the form available online:

https://clients.rte-france.com/secure/fr/visiteurs/accueil/portail_adhesion.jsp.

The box "I am an Electricity Supplier" must be selected on the form.

In the event that the Supplier already has access to the RTE IS and a mail box hosted as part of the NEBEF mechanism, no request for the creation of an additional e-mail box is required.

All technical information describing the operation of hosted mailboxes can be found in RTE's Customer Portal, and more specifically in the documents currently available: IS Rules and General Appendix of IS Rules.

10 Appendix: Summary of Exchanges and Transmission Channels

Sender	Destin-ee	Contents	Transmission channel
DSO	RTE	MA_REFST_TLRLV_GRD MA_REFST_PROF_GRD *(Reference of Consumption Sites participating in the Balance Mechanism)* MA_REFINJ_GRD *(Reference of Injection Sites Participating in the Balance Mechanism)*	Automatic HTTPS submission: https://portail.iservices.rte-france.com/RmcServer/upload/RD/RD-MAREF Manual HTTPS submission: https://portail.iservices.rte-france.com/RmcVisu/SendMessages.do Destination Application: "Data Repository" Flow Code: "RD-MAREF"
DSO	RTE	MA_FIPS_GRD *(Impact Factor by Delivery Point Substation of Demand Response Entities)*	
DSO	RTE	CRMA_<Distribution System Operator Code> 4 characters *(Consumption Made by Remotely Read Consumption and Injection Site, and Profiled consumption site)*	Automatic HTTPS submission: https://portail.iservices.rte-france.com/RmcServer/upload/RB/RB-GRD Manual HTTPS submission: https://portail.iservices.rte-france.com/RmcVisu/SendMessages.do Destination Application: "Actual generation Brittany" Flow Code: RB-DSO
DSO	RTE	CRMA_HMLG_Code of the DSO in 4 characters *(Consumption By Site for Certification)*	Substation remaining: https://postngo.rte-france.com/ Data submission recipient: rte-init-si-market@rte-france.com
DSO	RTE	MA_PEIF_GRD *(Activation of Inseparable from Supply Demand Response bids on the distribution grid)*	Automatic HTTPS submission: https://portail.iservices.rte-france.com/RmcServer/upload/RB/RB-PEIF Manual HTTPS submission: https://portail.iservices.rte-france.com/RmcVisu/SendMessages.do Destination Application: "Actual generation Brittany" Flow Code: "RB-PEIF"

Balancing Service Provider	RTE	CRS_AA *(Load Curves Made by Profile Site)*	Automatic HTTPS submission: https://portail.iservices.rte-france.com/RmcServer/upload/RB/RB-AA Manual HTTPS submission: https://portail.iservices.rte-france.com/RmcVisu/SendMessages.do Destination Application: "Actual generation Brittany" Flow Code: "RB-AA"
Balancing Service Provider	RTE	CRS_HMLG_AA *Consumption By Site for certification)*	Substation remaining: https://postngo.rte-france.com/ Data submission recipient: rte-init-si-market@rte-france.com
Balancing Service Provider	RTE	MA_HMLG *(Applications for certification)*	Mail to: rte-init-si-market@rte-france.com with a copy to the customer relationship manager
Balancing Service Provider	RTE	PREV_AA *(Initial consumption forecast)*	https://portail.iservices.rte-france.com/epat
Balancing Service Provider	RTE	REPREV_AA *(Rereporting a consumption forecast)*	
Balancing Service Provider	RTE	INDHISTREC_AA *(Recurring outages of remotely read consumption sites and EDAs profiled using consumption history)*	Automatic submission: https://portail.iservices.rte-france.com/RmcServer/upload/PV/PV-HA

Balancing Service Provider	RTE	INDHISTEXC_AA *(Exceptional outages of remotely-read consumption sites and EDAs profiled by the consumption history method)*	Manual submission: https://portail.iservices.rte-france.com/RmcVisu/SendMessages.do Destination Application: "PV Forecasts" Flow Code: "PV-HA"
Balancing Service Provider	RTE	EDA participation in the RR platform Final Dispatch schedule submission	HMI: https://secure-apps.services.rte-france.com/gipse/
RP	RTE	Forecast Dispatch Schedule Resolution	HMI: https://secure-apps.services.rte-france.com/gipse/saisie-pa-pm/index.html
RTE	DSO	LISTE_EDA_GRD *(List of active EDAs)*	Flow Code: LISTE_EDA_GRD automatic recovery: see the commands available in the API DOWNLOAD USER GUIDE documentation API: GET manual recovery: HMI: https://portail.iservices.rte-france.com/RmcTelechargement/
RTE	DSO	OA_GRD *(Balancing orders)*	Flow Code: OA_GRD automatic recovery: see the commands available in the API DOWNLOAD USER GUIDE documentation API: GET manual recovery (last file): HMI: https://portail.iservices.rte-france.com/RmcTelechargement/

RTE	DSO	MA_CRMODECORRIGE *(Balancing volumes for RPD consumption sites with corrected model)*	Flow Code: CRMODECORRIGE automatic recovery: See the commands available in the API DOWNLOAD USER GUIDE API documentation: GET manual recovery (last file): HMI: https://portail.iservices.rte-france.com/RmcTelechargement/ NB: The flow via SFTP will be gradually decommissioned.
RTE	DSO	MA_SITES_HOMOL_GRD *(List of distribution grid site remote Consumption Sites certified to the method based forecast or history)*	Flow Code: MA_SITES_H automatic recovery: See the commands available in the API DOWNLOAD USER GUIDE API documentation: GET manual recovery (last file): HMI: https://portail.iservices.rte-france.com/RmcTelechargement/
RTE	DSO	MA_PREV_GRD *(Consumption forecasts for distribution grid site remote consumption sites)*	Flow Code: MA_PREV_GRD automatic recovery: See the commands available in the API DOWNLOAD USER GUIDE API documentation: GET manual recovery (last file): HMI: https://portail.iservices.rte-france.com/RmcTelechargement/
RTE	DSO	MA_INDHIST_GRD *(Outage on the method based on historical data for remotely read distribution grid consumption sites)*	automatic recovery: see the commands available in the API DOWNLOAD USER GUIDE documentation Flow Code: MA_INDHIST API: GET manual recovery (last file): HMI: https://portail.iservices.rte-france.com/RmcTelechargement/