
Insider Information Platform – business requirements specification for TP

Version 1.0

11 April 2022

WG MIT

Note concerning wording used in this document:

The force of the following words is modified by the requirement level of the document in which they are used.

- **MUST:** This word, or the terms “REQUIRED” or “SHALL”, means that the definition is an absolute requirement of the specification.
- **MUST NOT:** This phrase, or the phrase “SHALL NOT”, means that the definition is an absolute prohibition of the specification.
- **SHOULD:** This word, or the adjective “RECOMMENDED”, means that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.
- **SHOULD NOT:** This phrase, or the phrase “NOT RECOMMENDED”, means that there may exist valid reasons in particular circumstances when the particular behaviour is acceptable or even useful, but the full implications should be understood, and the case carefully weighed before implementing any behaviour described with this label. ·

MAY: This word, or the adjective «OPTIONAL», means that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option **MUST** be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option **MUST** be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)

Diagrams are for illustrative purposes only and do not constitute fully detailed definition of data structures.

Contents

REVISION HISTORY	4
1. INTRODUCTION.....	4
2. SCOPE	5
3.1 OUT OF SCOPE	5
3. ASSUMPTIONS.....	5
4. OPEN POINT	6
5. GENERAL REQUIREMENTS.....	6
CONFIGURATION	6
UPDATES	6
PUBLICATION	6
DOWNLOADS, EXTRACTS AND SUBSCRIPTIONS	6
NAVIGATION.....	6
ACCESS RIGHTS	7
VALIDATIONS	7
6. OTHER MARKET INFORMATION	8
DATA DESCRIPTION	8
PRE-CONFIGURATION.....	8
INTEGRATION	8
TRANSFORMATION.....	9
VALIDATIONS	9
MONITORING.....	9
FILTERING CRITERIA	9
DISPLAY	9
WEB FEEDS	10
DATA EXTRACTS.....	10

Revision History

Version	Release	Date	Comments
1	0	2022-04-11	Final version.

1. Introduction

PURPOSE OF THIS DOCUMENT

This document specifies the requirements for the publication of Insider information as defined by article 2(1) in the EU regulation 1227/2011 of 25th November 2011 on wholesale energy market integrity and transparency.

This Business requirement specification details the corresponding publications foreseen on the Transparency platform (TP).

REFERENCES

1. ACER guidance on the application of Regulation (EU) No 1227/2011 of the European parliament and of the council of 25th October 2011 on Wholesale energy market integrity and transparency - [Link](#)
2. Regulation (EU) 2019/943 of the European parliament of the council of 5th June 2019 on the internal market for electricity. [Link](#)
3. Guidance on the implementation of web feeds for Inside information platforms V 2.0 of 13th December 2018 - [Link](#)
4. Manual of procedures on transaction data, fundamental data and inside information reporting V7. 30th April 2021 – [Link](#)
5. ENTSO-E Outage transparency process implementation guide version 5 release 2

ABBREVIATIONS AND DEFINITIONS

Definitions and abbreviations used in the document

TERM	DEFINITION
ACER	Agency for cooperation of energy regulators
ATOM	Atom Syndication Format
BRS	Business requirement specification
Data provider	The entity submitting data to the Transparency Platform
IIP	Inside Information platform
OMI	Other Market Information
REMIT	Regulation on Wholesale Energy Market Integrity and Transparency
RSS	Really simple syndications
TSO	Transmission system operator
TP	Transparency Platform
UMM	Urgent market information

2. Scope

Inside information relates to changes to capacity and use of facilities in production, storage, consumption, or transmission of electricity including planned and unplanned maintenance.

It is expected that TP shall be equipped with the capability to receive and publish free text messages, referred to as other market information (OMI). TP shall publish these to subscribers, including ACER, as Web feeds in addition to already existing publication channels.

It shall be possible to subscribe to the web feeds. The web feeds may be in either RSS or ATOM format.

This document further details requirements on how data will be processed on TP, including applicable configurations, transformation, display, access rights, integrations, validations, and filtering. Monitoring is not foreseen due to the nature of the data.

3.1 Out of scope

Urgent Market Messages (UMM)

Reception and publication or conversion of existing outage publications into UMMs are not required.

RSS/ATOM feeds for existing publications

The new RSS or ATOM feeds will be available only for OMI. None of the existing publications on TP will be provided as such feeds.

3. Assumptions

The following assumptions have been identified:

- ACER will subscribe to the RSS/ATOM feeds. Hence no additional reporting interface toward ARIS is foreseen.
- Only EICs recorded in master data are supported. No ACER Market participant codes or other EIC codes will be introduced

- Given the advice in the FAQ on the MoP [4], in particular question 5.1.3, the status “Inactive” will not be supported.

4. Open points

Not applicable.

5. General requirements

Configuration

It shall be possible for platform administrator to configure the platform via the web-based user interface.

The baseline TP configurations implemented to date shall be reused where applicable.

Updates

Baseline functionality applies: Data providers shall be able to update any data stored on TP by submitting a higher version of the OMI document. The versioning and message status standards as outlined by the ACER REMIT MoP, annex 7 (see reference [4]) shall apply to the outbound documents though.

All versions of the message shall be published and remain published. Data consumers shall be able to consult all versions of a given message. There shall be visibility on the data view whether more than one version exists for the OMI.

Publication

Existing baseline TP functionality for publication on web GUI data views, including sorting and filtering, shall apply to OMI.

Downloads, extracts and subscriptions

Existing baseline TP functionality for download, extracts and subscriptions shall be available for the OMI publications. Data shall be available for download from data views in csv and excel formats, in addition to XML. Data extracts toward FTP server shall be supported. Extraction in XML format via web-API (also referred to as restful API) shall be supported.

RSS/ATOM web feed functionality shall be introduced as a new data dissemination channel for the OMIs.

Navigation

The new publication OMI shall be introduced under the existing Outages domain.

Access rights

The publications shall be visible to the public. There are no requirements on any new or changed user roles or privileges.

Validations

All submitted OMI documents shall be validated according to the updated Outages implementation guide [5]

6. Other Market Information

Data Description

This publication describes in free text format other insider information that are not covered by existing outage publications. It contains details on publication date, the status of the event, the start and optionally an end date and time. The data item also contains comments that help to describe the event in more detail for the data consumers. Market participant and its code is a mandatory attribute.

Data diagram

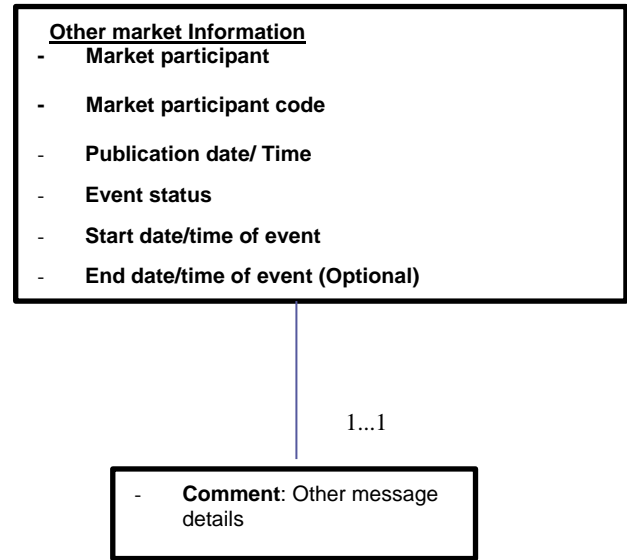


Figure 2 OMI data model

It should be noted that end date/time is optional for this publication, to cater for open-ended events such as deployment of new infrastructure or mothballing.

The diagram above is for illustrational purposes only. Annex VII of reference [4] contains the complete and precise set of relevant attributes.

Event status values shall be mapped from input to output document by transparency platform as outlined below under “Integration”.

Pre-Configuration

Platform administrator shall be able to configure per control area the single data provider.

Integration

Data provider shall be able to manually upload or submit in machine-to-machine fashion an XML document containing the data. For this publication, additionally a GUI form shall be available as

an alternative data input channel. The GUI form shall also support updates to an already published OMI.

Transformation

Market participant will be considered equal to submitter of document.

Furthermore, the status values shall be converted as required when data provider submits data as an XML document:

- Status active will be accepted without conversion
- Cancelled or withdrawn status codes shall be converted to “dismissed” in output document
- The “inactive” status will not be supported.

Use of “inactive” status will not be permitted when creating or updating an OMI via the GUI.

Transparency platform must generate a unique message ID for every UMM. The reason is that ID of time series in Outage document may be up to 60 characters long while the corresponding attribute message ID in UMM only supports up to 25 characters.

Validations

Input data shall be validated against the implementation guide [5].

Platform shall validate that the data provider has been configured as such.

Market participant code shall be validated against TSO master data in transparency platform.

Monitoring

No monitoring of data submission is foreseen due to the ad-hoc nature of data submission.

Filtering criteria

Data consumers shall be able to access the published data by selecting the following criteria:

- Control area (mandatory)
- Date or date range (mandatory)
- Event status (optional)

Display

Data matching the selected filtering criteria shall be displayed/visible in the following new view:

Outages / Other Market Information

The following icons shall be visible and clickable for users to subscribe to the OMI web feed.



RSS icon



Atom icon

The following attributes shall be displayed:

- Market participant
- Market participant code
- Publication Date/Time
- Event status
- Event start date/Time
- Event stop date /Time, if provided
- Comments

Data shall be available in table format only.

Web feeds

The web feeds shall adhere to the format specified by the ACER manual of procedures [4].

Data extracts

Data downloaded, requested via restful API, subscribed to or requested via any mechanism other than web feed shall adhere to the format specified by the ENTSO-E outages transparency process implementation guide [5].