

Production plan reporting and information exchange

6.4.2023



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Change log

Date	Version	Changes
20.06.2022	0.1	First draft
25.10.2022	1.0	First official version
18.11.2022	1.1	Added possibility to deliver production plans through the My Fingrid service
31.1.2023	1.2	Clarified the schedules of testing and start of production use, and added the necessary information for delivery via the ECP/EDX data exchange platform
6.4.2023	1.3	Updated the schedule of the testing period
15.2.2024	1.4	Updated to reflect the situation during use

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1 Introduction

This document provides technical guideline for the production plans submitted to Fingrid by the balance responsible parties in accordance with the Fingrid Oyj's general terms and conditions concerning balance management that entered into force on 22 May 2023. The guideline does not repeat the content of the terms and conditions document but expands it from the point of view of technical implementation. The delivery method described in the document as well as the structural and content requirements of the information are valid for 15-minute (quarter) production plans.

2 Delivery methods

15-minute production plans can be delivered

1. Through the ECP/EDX data exchange platform using the following identifiers

	ECP	EDX
Recipient	44V00000000019D (EIC-V)	SERVICE-FI-15MPP
Service name		FI-15MPP
Message type	PP-ERRP-PTA17-DTA14-15MIN	PP-ERRP-PTA17-DTA14-15MIN

More information about the ECP/EDX platform and its introduction:

- https://www.fingrid.fi/en/electricity-market/reserves_and_balancing/reserve-trading-and-information-exchange/ecp-messaging2/
 - <https://ediel.org/nordic-ecp-edx-group-nex/market-actor-onboarding/>
 - Contact information: ecp.support@fingrid.fi
2. Manually through the browser-based user interface provided by the My Fingrid service. The service acts as a backup solution in the event of disruptions in the message-based delivery (EDI and ECP/EDX) of production plans.
 3. As EDI data exchange through the external service used by Fingrid. Support for EDI data exchange will end 31 December 2024.

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3 Message format

When interpreting the schemas defining the data to be exchanged, it is essential to note that this document primarily defines the possible values of the attributes in cases where the limitations of the schema and the document are different.

All date and time related data is expressed in compliance with ISO 8601.

3.1 Submission

The message format of the production plans submitted to Fingrid by the balance responsible party is ENTSO-E ERPP Planned Resource Schedule, version 5.0. The resolution must be 15-minute and value average power.

XML schema: urn:entsoe.eu:wgedi:errp:plannedresourcescheduledocument:5:0

Schema available for download:

https://www.entsoe.eu/Documents/EDI/Library/cim_based/archive/ERRP%20V5%20and%20older.zip

Use of attributes

Attribute	Pcs	Content and description
Planned Resource Schedule Document	[1]	
Document Identification	[1]	Unique identification of the document
Document Version	[1]	1
Document Type	[1]	A14 Resource Provider Resource Schedule
Process Type	[1]	A17 Schedule day
Sender Identification	[1]	Unique identification of the party sending the production plan, one of the following 1. GLN ID → codingScheme = A10 or 2. ID in the Finland national coding scheme → codingScheme = NFI
Sender Role	[1]	A08 Balance responsible party

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Receiver Identification	[1]	Unique identification of Fingrid receiving the production plan, one of the following 1. 6420616416660 → codingScheme = A10 2. FG → codingScheme = NFI
Receiver Role	[1]	A04 System operator
Creation Date Time	[1]	The date and time that the document was prepared for transmission by the balance responsible party. The required format is expressed in UTC: YYYY-MM-DDTHH:MM:SSZ
Time Period Covered	[1]	The beginning and ending date and time of the period covered by the document. The required format is expressed in UTC: YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ
Domain	[1]	10YFI-1-----U Finland
Planned Resource Schedule Time Series	[1..*]	
Time Series Identification	[1]	Unique identification of the Time Series (unique over time for the sender in question)
Business Type	[1]	A01 Production
Product	[1]	8716867000030 Active energy
Connecting Area	[1]	10YFI-1-----U Finland → codingScheme = A01
Resource Object	[1]	ID of the resource object in the Finland national coding scheme → codingScheme = NFI
Resource Provider	[1]	Unique identification of the resource provider (balance responsible party), one of the following 1. GLN ID → codingScheme = A10 or

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		2. ID in the Finland national coding scheme → codingScheme = NFI
Measurement Unit	[1]	MAW MW
Object Aggregation	[1]	A06 Resource Object
Period	[1..*]	
Time Interval	[1]	The start and end date and time of the time interval of the period in question. The required format is expressed in UTC: YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ
Resolution	[1]	PT15M 15 min (quarterly resolution)
Interval	[1..*]	
Pos	[1]	Position Since the beginning of the time series
Qty	[1]	Quantity watt Maximum resolution with an accuracy of 1 watt

3.2 Acknowledgment

The message format of the production plan acknowledgment submitted by Fingrid to the balance responsible party is ENTSO-E Acknowledgement, version 6.0.

XML schema: urn:entsoe.eu:wgedi:acknowledgement:acknowledgementdocument:6:0

Schema available for download:

https://www.entsoe.eu/Documents/EDI/Library/cim_based/archive/Acknowledgement%20V6%20and%20older.zip

Use of attributes

Attribute	Pcs	Content and description
Acknowledgement Document	[1]	
Document Identification	[1]	Unique identification of the document
Document Date Time	[1]	Date and time of transmission of the document. The required format is expressed in UTC:

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		YYYY-MM-DDTHH:MM:SSZ
Sender Identification	[1]	Unique identification of Fingrid sending the acknowledgment document, one of the following <ol style="list-style-type: none"> 1. GLN ID → codingScheme = A10 or 2. ID in the Finland national coding scheme → codingScheme = NFI
Sender Role	[1]	A04 System Operator
Receiver Identification	[1]	Unique identification of the party who is the recipient of the acknowledgement, one of the following <ol style="list-style-type: none"> 1. GLN ID → codingScheme = A10 or 2. ID in the Finland national coding scheme → codingScheme = NFI
Receiver Role	[1]	A08 Balance responsible party
Receiving Document Identification	[1]	Unique identification of the document that is received and must be acknowledged.
Receiving Document Version	[1]	1
Receiving Document Type	[1]	A14 Resource Provider Resource Schedule
Date Time Receiving Document	[1]	Date and time of reception of the document. The required format is expressed in UTC: YYYY-MM-DDTHH:MM:SSZ
Reason	[1..*]	
Reason Code	[1]	The supported reason codes in the acknowledgment document A01 Message fully accepted A02 Message fully rejected

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4 Contact information

Questions related to the delivery of production plans can be sent to tuotantosunnitelmat@fingrid.fi.

You can also send feedback and development suggestions about the document to the same address.

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