

ENTSOG Role of **Market Information Aggregator**

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ENTSOG Professional Data Warehouse System

✓ Established in 2014

✓ PDWS purpose: To support and facilitate ENSTOG activities, tasks and obligations, including - extensive data collection, maintaining, publication and reporting to/from different stakeholders.

✓ PDWS layers:

- Data input sources;
- Data collection;
- Data storage;
- Data request;
- Data output destinations.

PDWS data sources



Transparency data

Source: TSOs

Interface: SFTP, HTTPs (pull, push), AS2, HTTP

Format: XML (ENTSOG-defined format)

TYNDP - Infrastructure Projects Source: Project promoters (including TSOs)

•Interface: Online GUI (Sharepoint)

Format: Online questionnaire

TYNDP - Demand, Production, Assumptions Source: TSOs

Interface: Manual upload

Format: CSV

Summer/Winter supply outlooks data

•Source: TSOs

Interface: Manual upload

Format: CSV

Capacity & System

Development maps data

Source: TSOs

Interface: Manual upload

Format: CSV

ENTSOE EIC codes

Source: ENTSOE

Interface: HTTP (pull)

Format: XML

PDWS

PDWS data outputs

PDWS



 Web platform
almhaufann, DEC

Interface: REST API, RSS

 Format: Edig@s XML (Contract Market Monitoring) schema, Nomination Monitoring Schema)

Interface: SFTP

•Format: Database views with SQL Server data

connector

Interface: ODBC

Format: PDF, Excel annexes, Hard copy

•Interface: N/A

Format: PDF, Hard copy

•Interface: N/A

Format: PDF, Excel dataset, Hard copy

•Interface: N/A

•Reports (MS ReportBuilder)

MS SQL Server Analysis Services

Interface: Sharepoint (SSRS, Powerview), SSAS

Transparency platform

ARIS (ACER REMIT IS)

NeMo tool scenarios

TYNDP

Supply outlooks

Capacity & System **Development maps**

Ad-Hoc Analysis





Thank You for Your Attention

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Transparency data published by the TSO

Indicators for which the TSOs are publishing data on ENTSOG TP		
Technical capacity	GCV, WI	
Available firm capacity	Planned interruption of interruptible capacity	
Contracted firm capacity	Actual interruption of interruptible capacity	
Total interruptible capacity	Interruption percentage of the affected interruptible capacity	
Available interruptible capacity	Planned interruption to firm capacity	
Contracted interruptible capacity	Unplanned interruption to firm capacity	
Aggregated day-ahead nominations	Interruption percentage of the affected firm capacity	
Aggregated final re-nominations	CMP information	
Actual physical flow	Tariff information	
Aggregated allocations	Urgent Market Messages	

entsog

Data reported to ACER under REMIT

Information reported by ENTSOG to ACER	XSD schema used
Technical capacity	Contract Market Monitoring Schema
Available firm capacity	Contract Market Monitoring Schema
Contracted firm capacity	Contract Market Monitoring Schema
Total interruptible capacity	Contract Market Monitoring Schema
Available interruptible capacity	Contract Market Monitoring Schema
Contracted interruptible capacity	Contract Market Monitoring Schema
Aggregated day-ahead nominations	Nomination Monitoring Schema
Aggregated final re-nominations	Nomination Monitoring Schema
Actual physical flow	Nomination Monitoring Schema
Planned interruption of interruptible capacity	Contract Market Monitoring Schema
Actual interruption of interruptible capacity	Contract Market Monitoring Schema
Planned interruption to firm capacity	Contract Market Monitoring Schema
Unplanned interruption to firm capacity	Contract Market Monitoring Schema