



NORD POOL

A Euronext Company

SIDC Intraday Auctions

The first 10 weeks

28.08.2024



Europe's leading power market

EFFICIENT, SIMPLE AND SECURE
POWER TRADING ACROSS EUROPE.



A global thought-leader in the field of physical power trading



The world's first power exchange



The world's first multinational power exchange



A driving force towards a single integrated European power market

At a glance

- Nord Pool offers day-ahead and intraday trading, clearing and settlement services
- More than 400+ customers from 20 countries trade on Nord Pool's markets
- Operates in 16 European countries
- Serviced' markets
- ~150 employees, 35 nationalities, offices in Oslo, Stockholm, Helsinki, Tallinn, Paris, and London



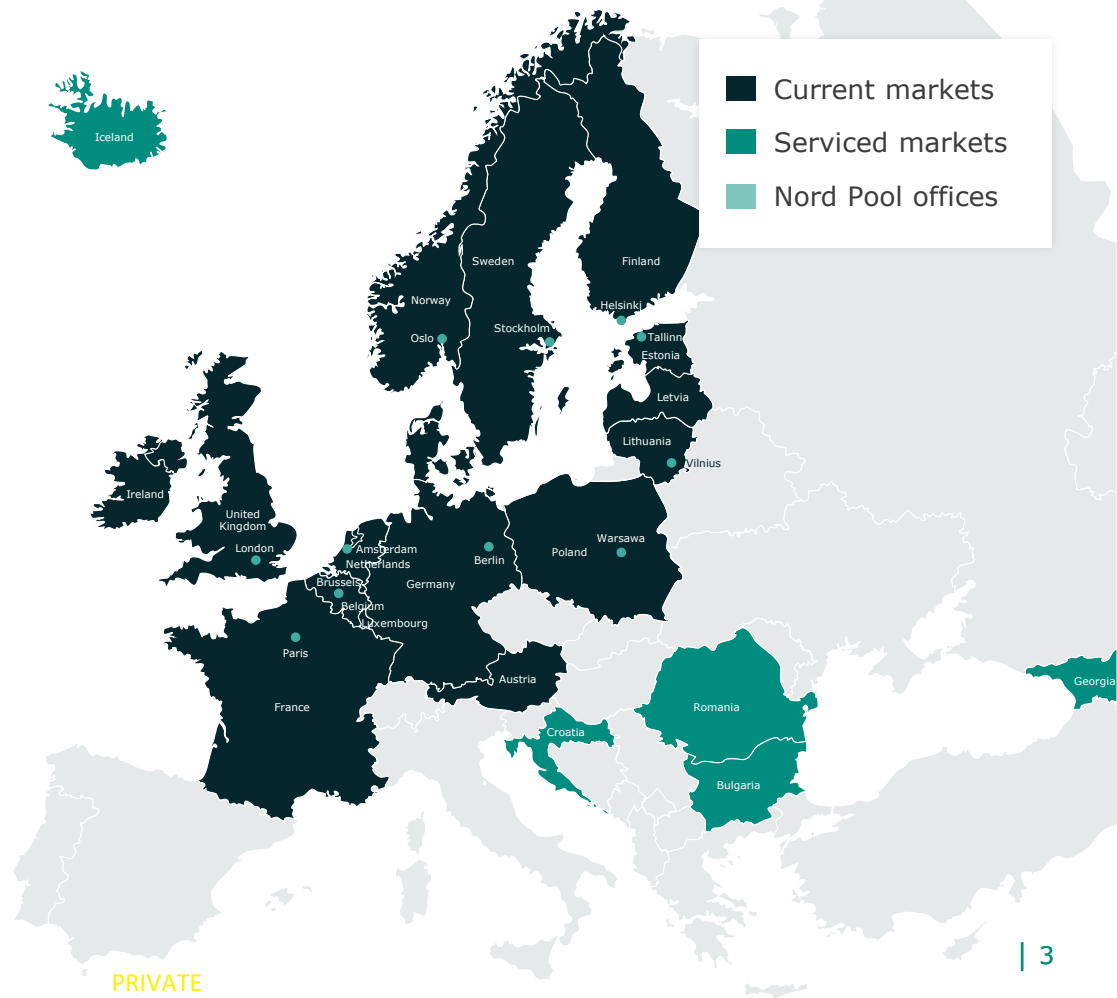
1104 TWh
day-ahead



74 TWh
intraday



400+
customers



Agenda

- IDAs – what, when, how?
- IDA Volumes
- Price example



Background

Based on Article 55 of CACM regulation

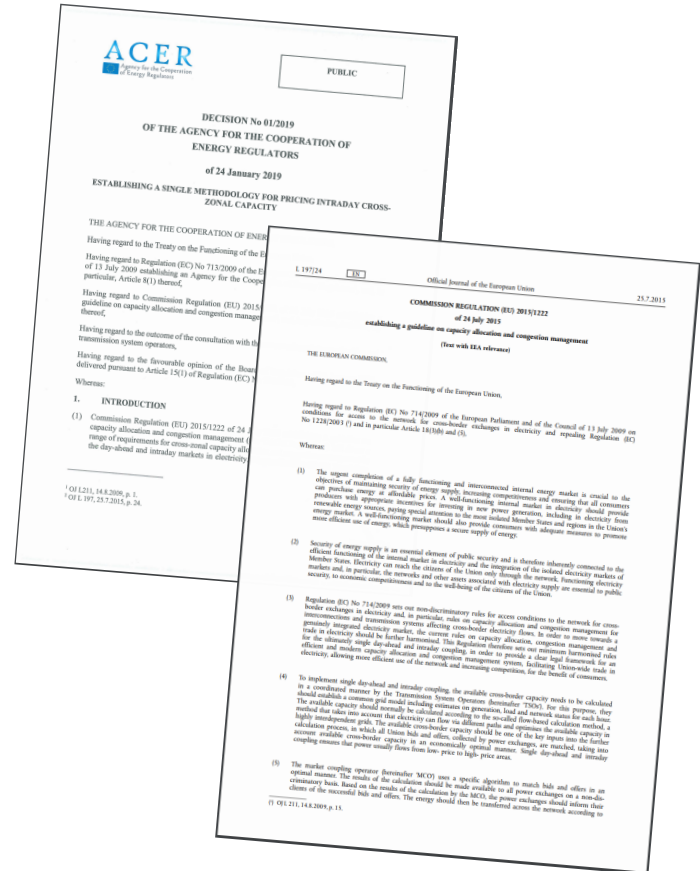
"TSOs develop a proposal for a single methodology for pricing intraday cross-zonal capacity"

ACER decision 01/2019 of 24th Jan 2019

- Number and timing of Intraday auctions

ACER decisions 04/2020 & 05/2020 of 30th Jan 2020

- Specifics on schedule and products



Key elements

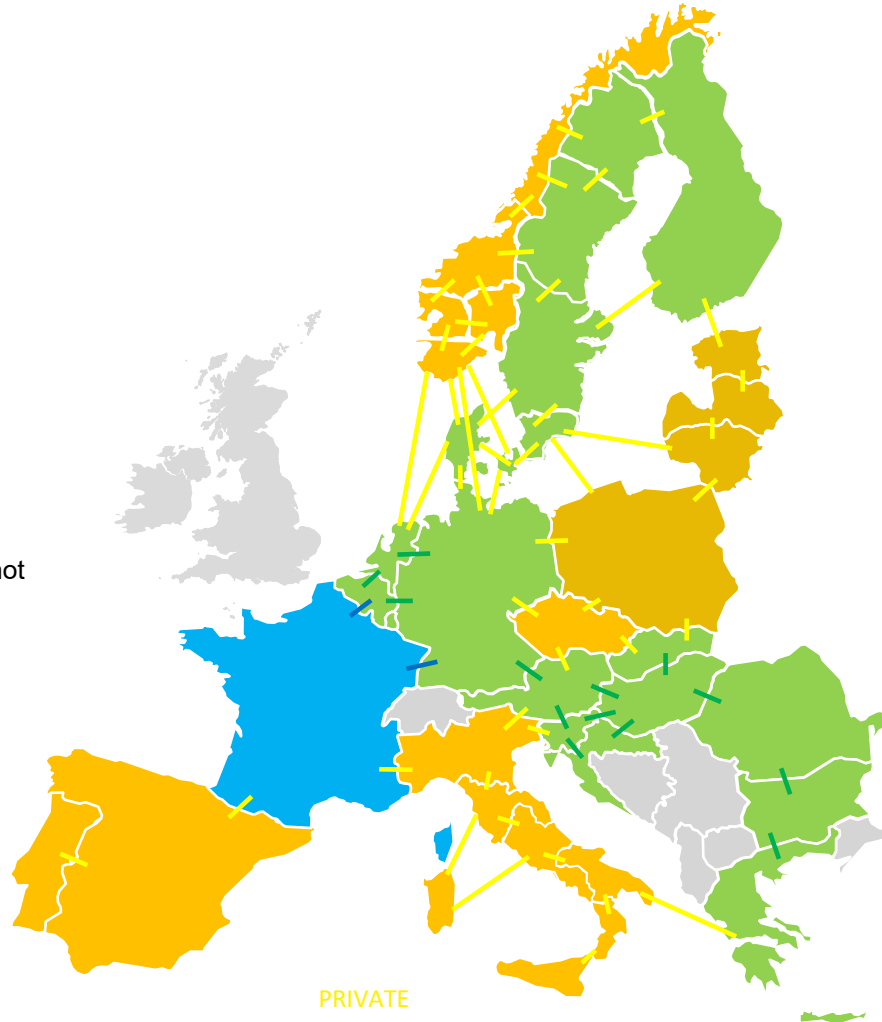
# IDA	Auction	Delivery Period
IDA1	D-1 15:00	D 00:00 – D+1 00:00
IDA2	D-1 22:00	D 00:00 – D+1 00:00
IDA3	D 10:00	D 12:00 – D+1 00:00



- IDAs are run in ATC- mode for the time being
 - No losses applied at Go Live
 - FB methodology will come later
- XBID cross-border interconnectors is halted
 - Max 40 min suspension of IDC trading
 - intra-zonal continuous trading continues during an IDA session
- Euphemia algorithm (EUR)
- Same order types as in SDAC
- Single time resolution supported per bidding zone
- Support multiresolution matching
 - 15 min orders placed in one bidding zone can be matched to 60 min orders placed in another bidding zone

Go-Live design

- All the countries currently coupled in SDAC joined IDA at go-live
- Each BZ is configured with only one MTU
- resolution of connecting borders cannot be lower than the coarser MTU configured in the two connected BZ

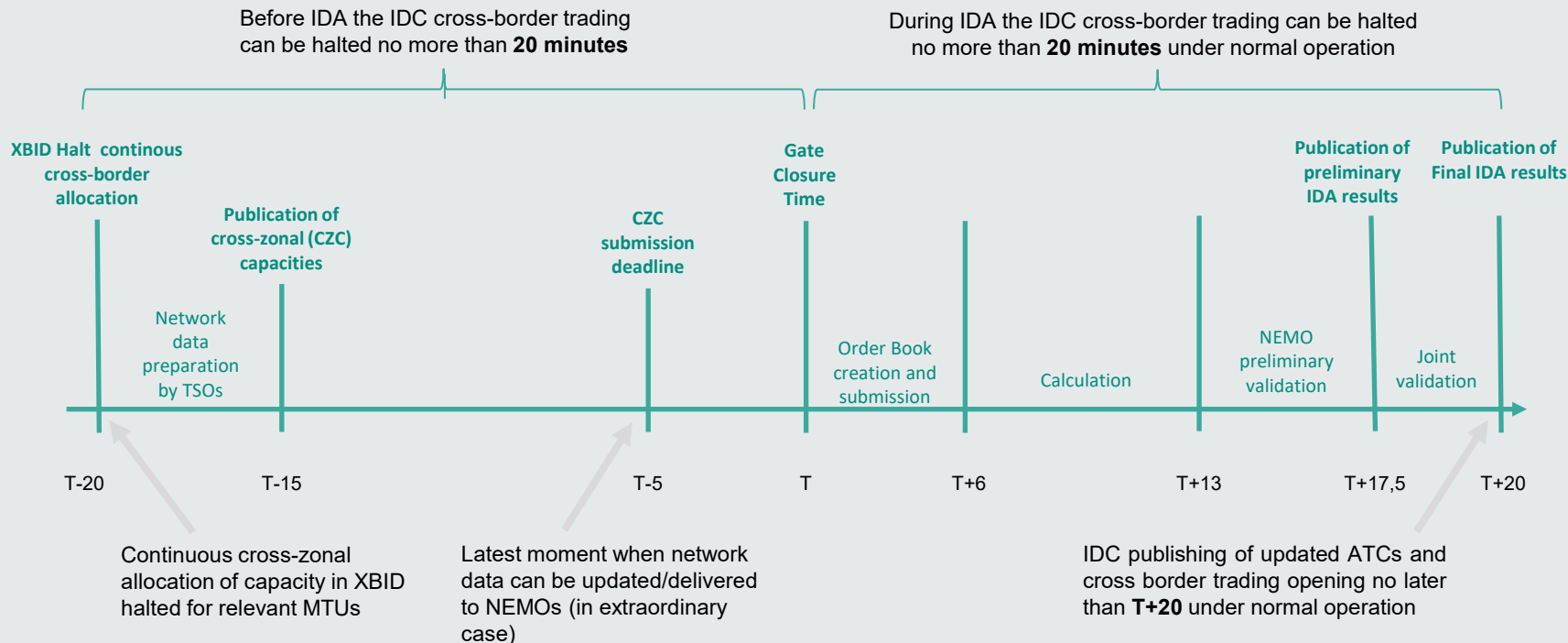


— BZB on 15 min MTU
— BZB on 30 min MTU
— BZB on 60 min MTU

■ BZ on 15 min MTU
■ BZ on 30 min MTU
■ BZ on 60 min MTU
■ Not part of SIDC coupling

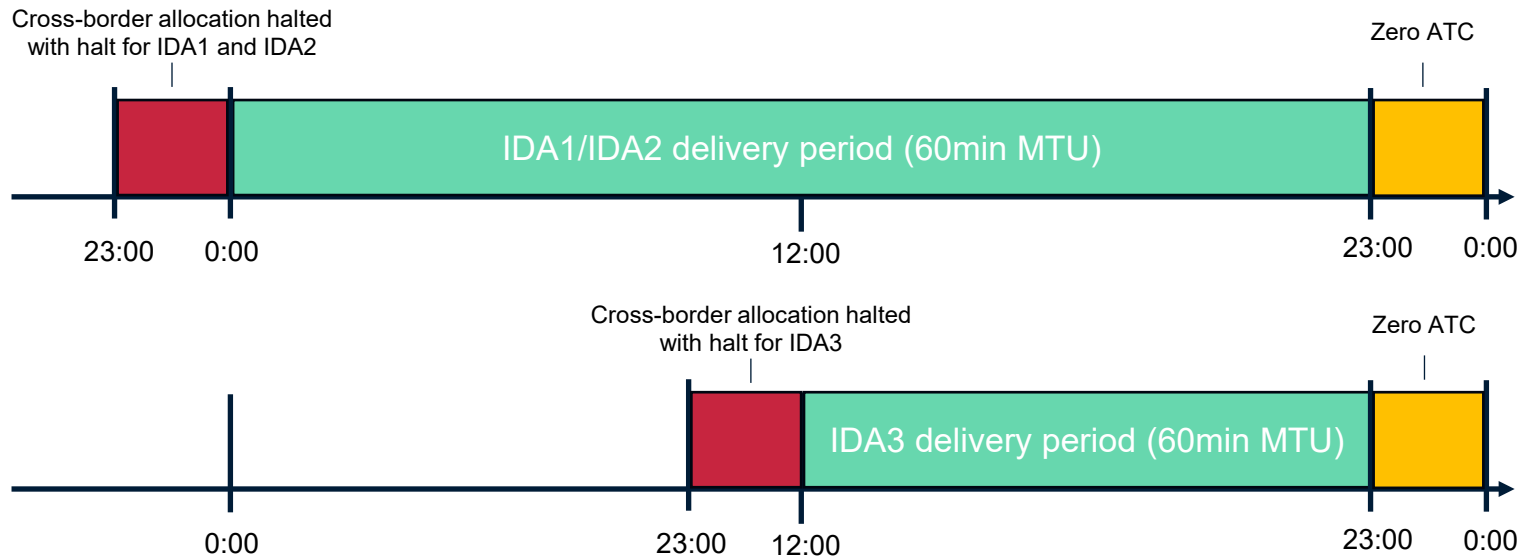
Cross-product matching is supported by EUPHEMIA i.e. 15min orders placed in a Bidding Zone with 15 min resolution match with 60min orders placed in a BZ with 60 min resolution

SIDC Intraday Auctions process timing



Impact of IDA to continuous trading

For borders where ramping is configured (at IDA Go-Live all having 60' MTU contract resolution), the “last hour” – the hour preceding the first contract halted for IDA trading – is halted as well in CMM, although it won't be subject to any allocation in IDA.

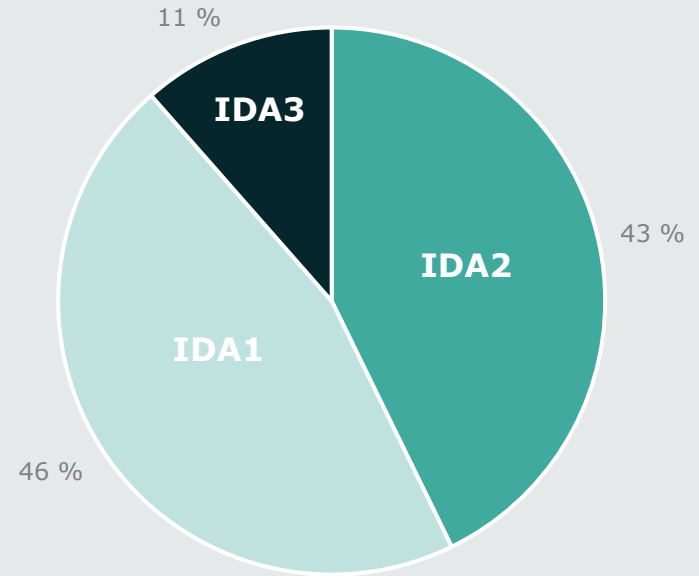


Borders with Ramping:

DK1-DK2, DK1-NL, EE-FI, LT-SE4, PL-SE4, LT-PL, NO2-NL, DE-NO2, DE-DK2, DK1-NO2, DK1-SE3.

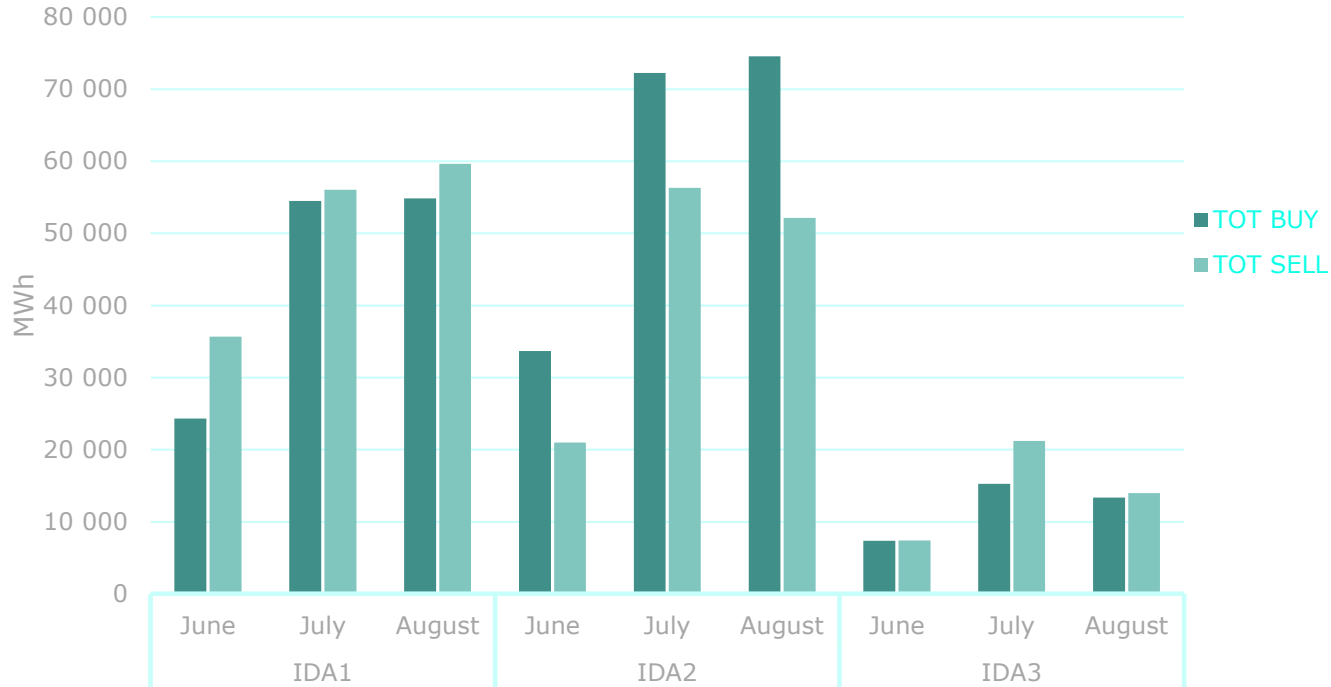
A total volume of 666 GWh has been traded the first 10 weeks

- Sum of total buy and sell volumes

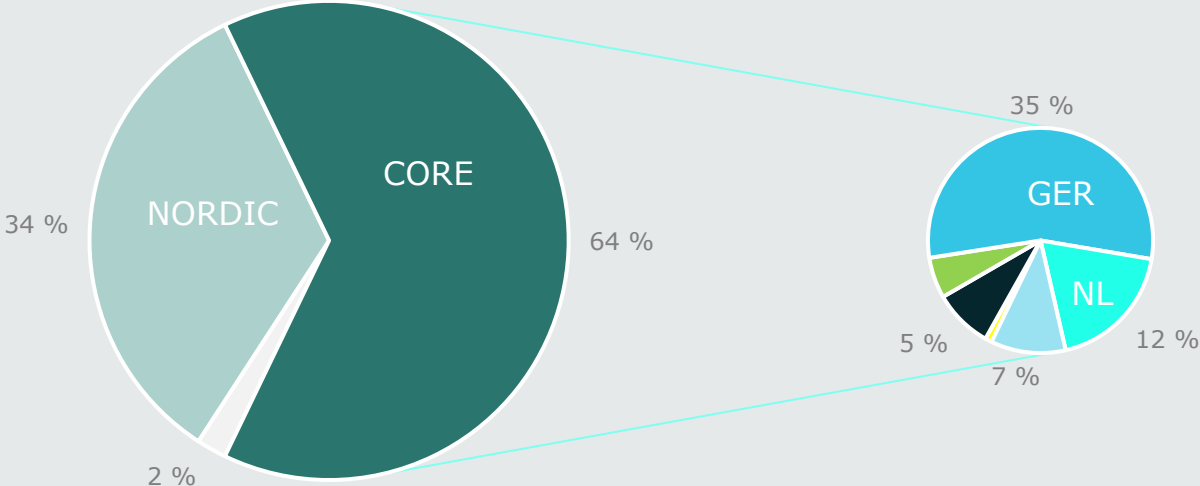


Monthly volume per IDA

JUNE 13TH TO AUG 26TH



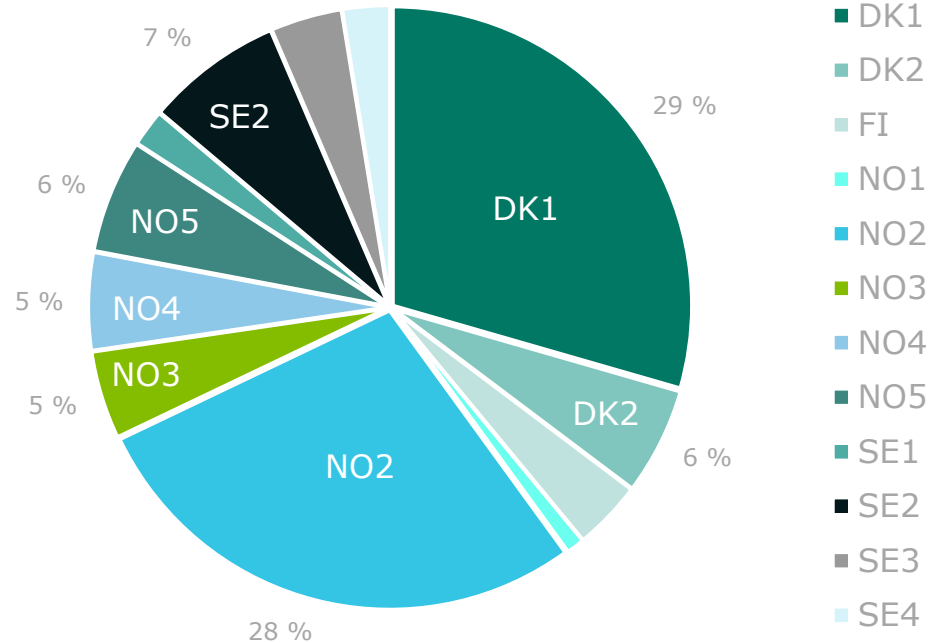
Percentage volume per region and area



Legend: ■ Baltic ■ Nordic ■ AT ■ BE ■ FR ■ GER ■ NL ■ PL

Percentage volume per area

NORDIC REGION



Process irregularities

24 July 2024 15:14

SIDC Intraday Auction: IDA Partial Decoupling

Due to technical reasons or market issues, the following VB are decoupled from the IDA 1 20240725:

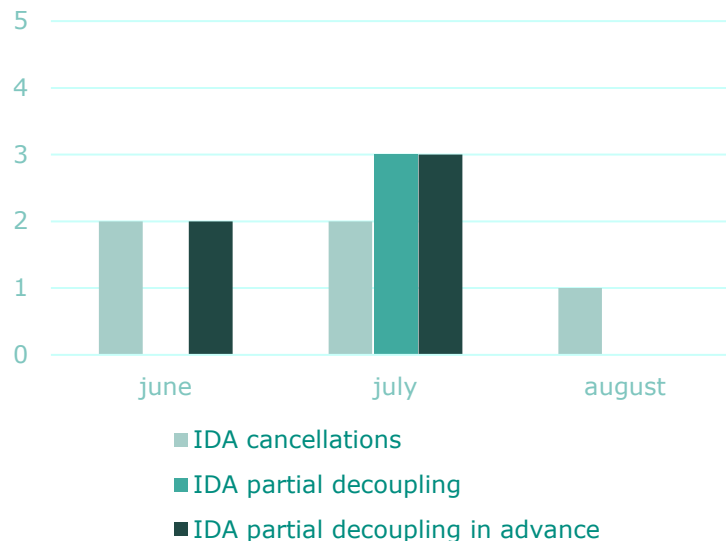
EMCO - IBEX IDA
EMCO - Nord Pool IDA Nordic-Baltic
OPCOM
EMCO - Nord Pool IDA CORE
EPEX - BSP - CORE IDA
OMIE
EPEX - HUPX - CORE IDA
EPEX - IDA
EMCO - CROPEX IDA
OPCOM - OKTE
OTE
TGE - Poland

Please note that a partial decoupling leads to cancellation without local auctions for the affected VB/VBs.

Partial decoupling during MCS: In case of issues experienced by a NEMO, the NEMO is decoupled and other NEMOs will be either automatically decoupled or stay coupled, depending on configuration

- Current configuration: Only GME, OMIE and Henex stays coupled

Process irregularities the first 10 weeks



Midpoint rule

EXAMPLE

DD18.06.2024, NO1 PH 01

- Unmatched orders, no trades
- No capacity

According to the midpoint rule*, the lowest price of the unmatched sell order is used to define the market price

- $$\frac{42,41 + (-9999,00)}{2} = -4978,3$$

*Described in Euphemia public description [[LINK](#)]

Status: **Final**

Delivery period (CET)	DK1 (EUR)	NO1 (EUR)	NO2 (EUR)	NO3 (EUR)	NO4 (EUR)	NO5 (EUR)	SE1 (EUR)
12:00 - 12:15	62,05	-4 978,30	66,50	5 020,75	5 020,75	43,69	42,50
12:15 - 12:30	62,05	-4 978,30	66,50	5 020,75	5 020,75	43,69	42,50
12:30 - 12:45	62,05	-4 978,30	66,50	5 020,75	5 020,75	43,69	42,54
12:45 - 13:00	62,05	-4 978,30	66,50	5 020,75	5 020,75	43,69	42,50
13:00 - 13:15	56,29	-4 979,65	56,29	5 019,40	5 019,40	43,19	39,80
13:15 - 13:30	56,29	-4 979,65	56,29	5 019,40	5 019,40	43,19	43,37
13:30 - 13:45	56,29	-4 979,65	56,29	5 019,40	5 019,40	43,19	43,37
13:45 - 14:00	56,29	-4 979,65	56,29	5 019,40	5 019,40	43,19	39,90
14:00 - 14:15	55,98	-4 979,90	55,98	5 019,15	5 019,15	42,69	41,52
14:15 - 14:30	55,98	-4 979,90	55,98	5 019,15	5 019,15	42,69	41,57
14:30 - 14:45	55,98	-4 979,90	55,98	5 019,15	5 019,15	42,69	41,57
14:45 - 15:00	55,98	-4 979,90	55,98	5 019,15	5 019,15	42,69	41,52
15:00 - 15:15	55,00	-4 980,30	55,00	25,30	5 018,75	36,45	41,31
15:15 - 15:30	55,00	-4 980,30	55,00	25,30	5 018,75	36,45	41,31

LINK: <https://data.nordpoolgroup.com/auction/intraday-auction-3/prices>

Moving forward...

Thank you

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Senior Expert



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