

Product Specification

Trading Appendix 3

Nord Pool AS

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PRODUCT SPECIFICATIONS

1. INTRODUCTION

1.1 General

The following Physical Markets are offered:

- Elspot Market
- Elbas Market

Further rules and regulations regarding each market are set out in the Elspot Market Regulations and the Elbas Market Regulations as applicable.

1.2 Time References

References to points in time refer to CET time, and unless otherwise specified time is denoted in the 24-hour format. Date references are to calendar days unless otherwise specified.

Short-clock change

Elspot Market. On the short-clock change day in March (beginning of summer savings time), there will only be 23 hours in the Spot Market so that the clock hour between 02:00 and 03:00 will be skipped on that day.

Elbas Market. On the short-clock change day in March (beginning of summer savings time), there will only be 23 hours in the Elbas Market so that the clock hour between 02:00 and 03:00 will be skipped on that day. The length of all Products comprising several Delivery Hours that are directly affected by the clock change will be 1 hour shorter than normal.

Long-clock change:

Elspot Market. On the long-clock change in October (end of summer savings time) there will be 25 hours in the Spot Market. The common day-ahead price calculation and programs cover 25 hours. 25 hours must be reported and the two hours between 02:00 and 03:00 may be treated as two different hours.

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Elbas Market. On the long-clock change in October (end of summer savings time) there will be 25 hours in the Elbas Market, so that the clock hour between 02:00 and 03:00 will occur twice, i.e. an additional product will be listed corresponding to 02:00 - 03:00 CET. The length of all Products comprising several Delivery Hours that are directly affected by the clock change will be 1 hour longer than normal.

1.3 Cash Settlement

Cash Settlement for Deliveries taking place on each Delivery Day will take place as follows, regardless of Product Series:

- For each invoice with net Cash Settlement Amounts owing to Nord Pool: Delivery Day + 1 day
- For each invoice with net Cash Settlement Amounts owing from Nord Pool: Delivery Day + 2 days

Further rules and procedures relating to Cash Settlement and Delivery are set out in the Trading Rules.

2. ELSPOT MARKET

2.1 General

- **Quotation Method:** Continuous submission of Orders until Gate Closure, following which qualified Orders will be matched using the Auction method set out in the Elspot Market Regulations.
- **Trading Hours:** Morning 24h, starting at 00:00 CET
- **Gate Closure:** 12:00 CET
- **Trade Lot:** 0,1 MW
- **Tick Size:** Euro 0.1/MWh, NOK/SEK/DKK 1/MWh
- **Currency:** Orders may be submitted in Euro, NOK, SEK, DKK. Price calculation in Euro.
- **Order Types:** (a) Hourly Orders, (b) Flexible Orders, (c) Block Orders, (d) Exclusive Groups.
- **Block Order Volume Limit:** 500 MW
- **Maximum amount of Block Orders:** 50 per Trading Portfolio
- **Maximum amount of Exclusive Groups:** 3 per Trading Portfolio
- **Maximum amount of Block Orders within an Exclusive Group:** 15

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- **Maximum amount of Flexible Orders:** 5 per Trading Portfolio
- **Linked Block Orders:** Three levels, one Block Order on first level, three Block Orders on second level and three Block Orders on third level
- **Price Steps:** The number of Price Steps is 200 per day (including the upper and lower Order Price Limits)
- **Lower technical Order Price Limit:** Euro – 500. NOK – 6500. SEK – 6500. DKK - 4000
- **Upper technical Order Price Limit:** Euro + 3000. NOK + 39000. SEK +39000. DKK + 24000
- **Delivery:** As specified in the Order.
- **Cash Settlement:** See item 1.3 above. Settlement calculations will be based on actual Deliveries per Delivery Hour on each applicableDeliveryDay.

2.2 **Elspot Market Contract Codes** Auction Market Contract Codes:

Suffix (variable)	Explanation	Range
dd	Day of month (two digits)	
mm	Month of year (two digits)	01 - 12
yyyy	Year (four digits)	Current year - next year
nn	Clock hour	00:00 - 24:00

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2.3 **Elspot Market Trading Hours**

Contracts for each week (Monday through Sunday) will normally be opened for Orders in the Elspot Market on Monday two weeks in advance. If Monday is a holiday the contracts will be opened on the next working day. In relation to holiday periods the trading week may be opened earlier, while in relation to technical implementations the trading week may be opened later by Nord Pool sole discretion.

2.4 **Specification of fallback for Elspot System Price**

As described in Elspot Market Regulation point 8.1.3 – a fall back System price may be calculated in the rare event of failure of System Price calculation. The fall back System Price will be calculated as follows:

Volume weighted average of the calculated Elspot Area Prices for the Nordic areas in Norway, Sweden, Finland and Denmark. Volume being the Elspot sales volume per area not including import volume sold in the Elspot market over the NorNed cable, DE-DK1 connection, Kontek cable, Baltic Cable, SwePol link, NordBalt and Estlink.

3. ELBAS MARKET

3.1 General

- **Quotation method:** Continuous trading during Trading Hours where Transactions will be matched automatically when concurring Orders are registered in the ETS.
- **Trading Hours:** The coming 10 to 38 hours. For the Nordic and Baltic areas series of delivery Orders for the following day are listed and opened for Trading the same day as the Elspot Prices are set, normally at 14:00 CET. Trading is closed 1 hour before delivery commences.
- For Germany series of delivery Orders for the following day are listed and opened for Trading from 08:00 until 13:45 CET and from 15:00 until 30 minutes before delivery commences.
- For Germany within each TSO area series of delivery Orders for the following day are listed and opened for Trading from 08:00 until 13:45 and from 15:00 until delivery commences.
- **Trade Lot:** 0,1 MW
- **Tick Size:** Euro 0.1/MW
- **Currency:** Euro
- **Order Types**
 - (a) Fill - matching may be effected either for the full volume or for a part of the volume. Any remaining volume shall remain valid with the ranking of the original Order.
 - (b) All-or-Nothing - matching may only be effected for the full volume.
 - (c) Fill-or-Kill (FoK) means an Order that shall be immediately matched for the whole order volume or cancelled.
 - (d) Immediate-or-Cancel (IoC) means an Order that shall be immediately matched for as much of the order volume as possible and then cancelled.
 - (e) Iceberg Order (IBO) means an Order in the Elbas Market that has a partly hidden overall volume. Each part of the Iceberg Order is called a Clip. When the Order has been submitted, other Participants will only see the first Clip as a part of the total volume when the Order is submitted. When the first Clip is matched, the next Clip receives a new order number and time stamp. Minimum Clip Size 25MW.
 - (f) Block Order is a type of All-or-Nothing which combines Order containing several consecutive individual hour Series.
- **Order quotation:** Please see Section 2 of the Elbas Market Regulations.

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- **Delivery:** As specified in relation to each Transaction.
- **Cash Settlement:** See item 1.3 above.

3.2 Elbas Market Contract Codes

The following Contract Codes are used to identify the Elbas Market Products in the ETS:

Type	Prefix (fixed)	Suffix (variable)	Example
1 Hour	PH-	yyyymmdd-ph	PH20140517-01 = Year 2014, May 17 th – Hour 01
Half Hour	HH-	yyyymmdd-hh	HH20140517-08 = Year 2014, May 17 th – 2 nd Half hour of PH-04
Quarterly Hour	QH-	yyyymmdd-qh	QH20140517-15 = Year 2014, May 17 th – 3 rd Quarter of PH-04

Suffix (variable)	Explanation	Range
Yyyy	Year (four digits)	Current year (next year)
Mm	Month of year (two digits)	01-12
Dd	Day of month (two digits)	01-31
PH	Hour of day (two digits)	01-24
HH	Half hour of day (two digits)	01-48
QH	Quarter of day (two digits)	01-96

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