

Participate in NorFlex



Steps to participate

- 1) Submit the registration form
- 2) Sign NODES membership agreement
- 3) Register Assets and create Portfolios in NODES market platform
- 4) Calculate and upload Portfolio baseline in NODES market platform
- 5) Submit meter readings in NODES Market Metering Service either via csv upload or API
- 6) Perform test activation

Trading

- Submit orders
 - NODES handles invoicing
-

Steps to participate



1

Registration form

Flexibility Service Provider (FSP) registration

NODES needs the information below to be able to register new Members. Should you have any questions on how member.services@nodesmarket.com.



Member information

Company name *

Company registration number *

Company VAT number *

Company website

Company Address

Street Address

City

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Membership agreement

MEMBERSHIP AGREEMENT			
NODES MARKET			
MEMBER DETAILS	Name of the Member		
	Registered business address	Company registration number	
	Postal code	Postal district	City
	E-mail	Vat no. (UK, Ireland)	VAT number
	Supplemental Details (if any)		
AGREEMENT	This Membership Agreement is concluded between the Member (as identified below) and NODES AS, corporate registration number 020 521 044, having its registered office at Huisman 0-11, 1086 Looze, Norway 'NODES'.		
	This Membership Agreement is supplemented by the Rulesbook for the NODES Market (the 'Rulesbook') as may be amended from time to time, which shall form an integral part of this Membership Agreement, and which governs the Member's activities relating to the NODES Market.		
	The Member confirms that it has read and accepted the Rulesbook as in force at the time of signature of this Membership Agreement without any reservation, and represents that it will comply with the Rulesbook in respect of all Market Activities.		
CONTACT PERSON	The Member hereby appoints as its Contact Person:		
	Name	Office phone	
	Postal address	E-mail address	
	Mobile phone		
SIGNATURES	By their signature below the parties agree to be bound by this Membership Agreement.		
	This Agreement has been signed in two (2) original counterparts, of which the parties receive one (1) each.		
	For NODES AS	For	
	Name and title in typed letters	Name and title in typed letters	
	Place	Place	
	Date	Date	



Access to NODES platform

Sign in with your existing account

Email Address

Password

Forgot your password?

Sign in

Submit company, contact person and settlement information.

The form is as available online:
<https://nodesmarket.com/log-in/>

Accept the market rules by signing NODES membership agreement

The market rules describes operational rules and legal terms for participation in the market.

The membership agreement is sent by email.

Access to :

NODES test environment when the registration form is sent-

NODES production environment when membership agreement is signed.

Steps to participate



- ⬆ Meter readings are compared with a Portfolio baseline (baseline is the prognosed consumption or production absent of any activation) to evaluate how much flexibility is delivered compared to the sold amount.

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Meter readings

The Flexibility Service Provider must upload meter readings to the meter reading database. Meter readings can be uploaded as a csv file or via an APU.

Meter readings can be submitted per Asset or per Portfolio.

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Baselines

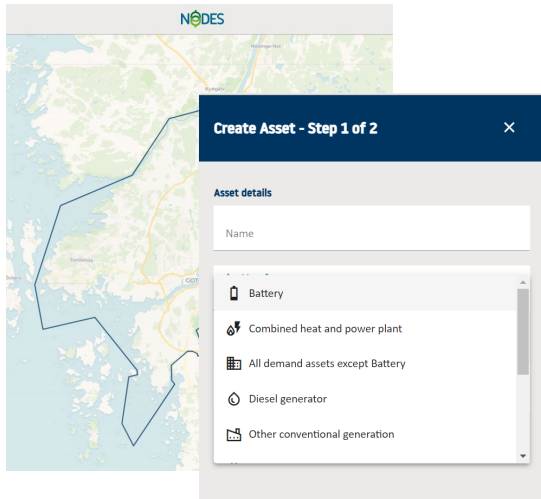
A baseline is a Portfolio's prognosed power consumption or production absent of any flexibility activations. Baselines must be uploaded per Portfolio before submitting orders.

Steps to participate



Act on NODES market platform manually via the web portal or via NODES API.

5 Set-up in NODES platform



- Register Assets
- Create Portfolios
- Configure dispatch signal (SMS, email or webhook)
- Upload baselines
- Upload meter readings

6 Test trade

A test trade is done when the market set up is completed by the Flexibility Provider.

Offer flexibility in the market



Trade

- Flexibility providers can offer demand turn down or production increase
- Sell orders are submitted on hourly basis
- Min quantity is 0.001 MW
 - Lot size 0.001 MW
- Continuous pay as bid market
 - Both sellers and buyers can submit the initial order
 - Continuous order matching
- The market opens 7 days ahead of physical delivery and close 2 hours before physical delivery
- DSO's purchase LongFlex (contracts for availability)
- And ShortFlex (contracts for physical activation)

Validation of delivery, invoicing, payment

- Settlement: Activation price per MWh for ShortFlex, and reservation price per MWh for LongFlex
- Meter data is compared with Portfolio baseline
- Payment is reduced according to delivered quantity
 - Delivery 82% or more = 100% payment
 - Delivery below 82%: payment is reduced linearly to 0% at 32% delivery.
- Monthly settlement.
- NODES handles invoicing and payments between buyer and seller.

Other information

- ⑥ No fees for participation as a seller in the market
- ⑥ Contact member.services@nodesmarket.com if you have questions.

