

WE POWER YOUR BUSINESS

Modular energy services for utilities, aggregators,
and balancing responsible parties



THE POWER OF MANY



ENERGY SERVICES

We pave your way to the energy markets

"The transition of our energy system to renewable energies has turned the structure of the energy economy on its head. New markets and products bring new challenges, but also provide exciting opportunities.

As the operator of one of the largest Virtual Power Plants in Europe and as an experienced energy trader, we want to help you take advantage of these opportunities and put them to use for your company.

With our 24/7 energy trading, we can provide access to day-ahead and intraday markets on the EPEX Spot energy exchange and the control reserve markets of transmission system operators (TSOs), in addition to further international energy markets. We're happy to manage your balancing group and portfolio in



addition to marketing your power-generating assets. This allows you to concentrate on your core business while still having the peace of mind that everything is being handled with the highest level of care and market expertise."

Pick and choose based on your needs

Whether you'd like to simply develop your trading business using our new trading portal, or you'd like us to fully manage your balancing group - you decide how much help you need. Our modular products can be adapted to meet your specific needs.



Market access

Access to all relevant exchanges



Balancing group management

Support in all processes of balancing group management



Portfolio management

Reliable forecasts and short-term group balancing



Trading portal

Execute trades yourself using our trading portal, NEXTRA



Manage renewable energy assets

Trading, peak-load operation, PPA, control reserve



Green energy deliveries

Various guarantee of origin quality levels at competitive prices

Our foundation: Diverse data for better forecasts

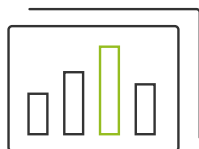
The logic is simple: The more data is used, the preciser is the forecasting for production and load. This sets us apart from many other service providers: Through our Virtual Power Plant alone, we have access to live feed-in and consumption data from more than 8,500 assets, including biogas and CHP plants, and weather-dependent sources of energy such

as wind and PV. Weather data continually updated from our own meteorological analyses is also included, along with market data from several exchanges. The pool grows with every passing trading day. New data is continuously compared against historical values for a steady reduction in forecasting errors.



Know

Our data pool is fed from diverse sources and is constantly growing.



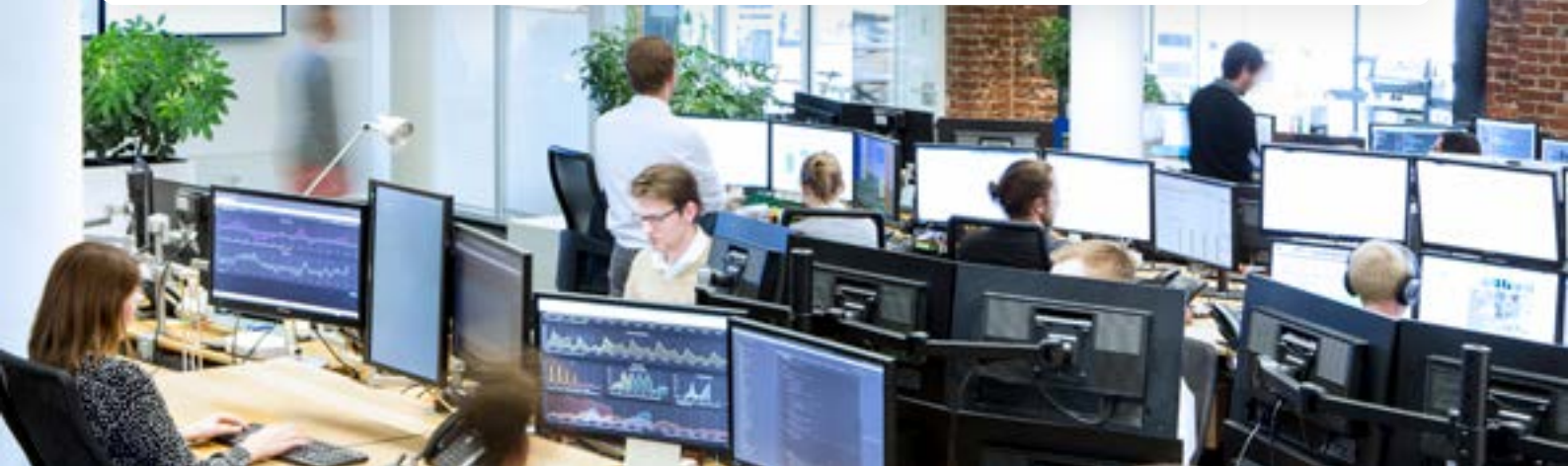
Predict

Based on this data and years of experience in energy trading, our traders create accurate forecasts.



Act

Our traders balance short-term surpluses or shortfalls in your portfolio.



Opening the markets for you

Do you need additional power quantities? Or would you like to use price fluctuations on the energy market to obtain cost-effective energy? But you don't want to make the investments to actively make the trades yourself? No problem! Our trading department provides you with access to all the relevant exchanges.

Products and services

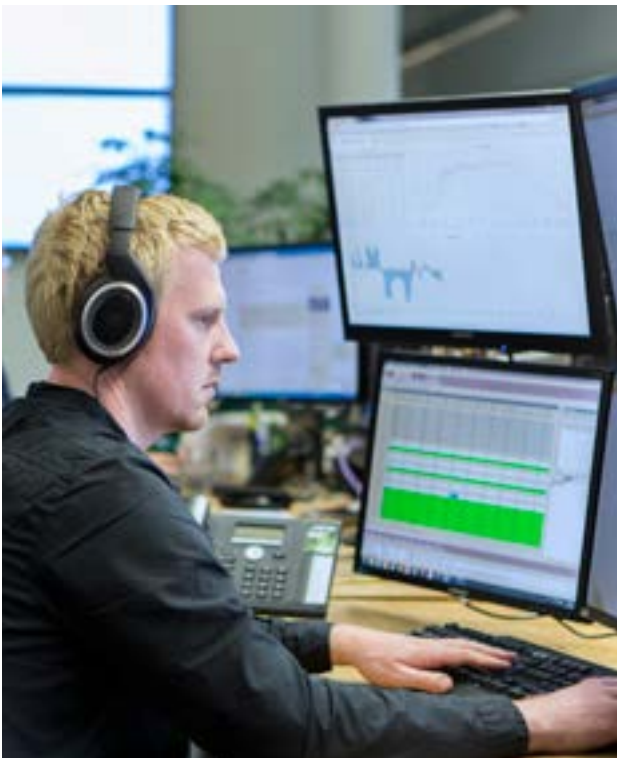
- › Power trading and energy procurement
- › Balance short-term surplus or shortfall
- › Schedule execution
- › Obtaining guarantees of origin
- › OTC trading

BALANCING GROUP MANAGEMENT

Maintain balance despite growing demands

The challenges of balancing group management have grown considerably in recent years. Thanks to our access to the intraday markets and our years of experience as a balancing responsible party (BRP), we can help lessen

your load. It's up to you whether you'd like us to help you simply manage your residual profile, or if you'd like us to manage your entire balancing group in accordance with the applicable policies and regulations.



- › If you prefer, we can manage the entire balancing group - including the portfolio risks.
- › With energy data management, we ensure the plausibility of your feed-in and consumption data and prepare these for further processing.
- › We take care of all communication with the respective balancing group coordinators, observing the required data transmission protocols.
- › We guarantee 24-hour standby for schedule communication. This allows us to quickly react and make necessary corrections if a TSO notices an error in our scheduling data or in the data of a trading partner.
- › If you prefer to remain the BRP, we can manage your residual profile by balancing hours that have already been traded.

What sets our trading apart?

"As one of the first traders focussing on distributed power producers, we are also one of the few specialists for short-term European energy markets. We have grown in a constantly changing energy market and shaped it with forward-looking solutions and products. Today, it is a major challenge for companies to meet the increased requirements of energy supply. Our experienced trading team can provide you with just as much support as you need to lighten your workload."



PORTFOLIO MANAGEMENT

Precise forecasting, careful readjustments

Our portfolio management focuses two critical aspects: First of all, we optimize your production and consumption forecasts by incorporating as much data as possible. The following day, we combine forecasted and actual schedules.

- You benefit from precise forecasts based on dependable data - no matter if your load profile is measured with live consumption metering or forecast using a standard load profile.
- The forecast and the final actual schedule are coordinated with the responsible TSO.
- Thanks to our 24/7 trading and access to intraday trading, we combine your forecasted and actual schedule using a dynamic process - saving you work and additional balancing costs.
- If desired, we can work with you to develop an individual procurement strategy.

We reliably balance your balancing group with short-term trading of excess or shortfall power quantities on the intraday market. As a result, your balancing risks are lower, and the reliability of your balancing group increases.



Katharina Ehrmanntraut
Portfolio Manager Origination

Guarantees of origin adapted to your individual needs

"Sourcing green energy production is easy with Next Kraftwerke. For this purpose, we can access our own Next Pool with over 8,500 plants in Europe and offer specific energy sources and plant types. In addition, we have numerous contacts and will be happy to provide you with certificates of origin in the quality you require."

TRADING PORTAL NEXTRA

The easiest way to conduct your own trades

NEXTRA gives you access to power markets all over Europe without the need to become a licensed trader. You control your business and serve your customers as an energy trader. With a user-friendly graphical interface, NEXTRA provides

you with insights into the current market developments. This includes all relevant market information, reports, and forecasts that have been prepared to give you the perfect foundation for your trading decisions.

What you can do with NEXTRA

Using NEXTRA, you can manage your deals, forecasts, metered data, and the resulting imbalances to place the orders you need to balance your portfolio.

- **Analyze:** Upload different types of data sets to your account: consumption and production forecasts, already procured power quantities, metering data.
- **Forecast:** NEXTRA uses the data you provide as well as optional data from our own analysts to forecast and quantify the imbalances in your portfolio and the associated imbalance costs.
- **Trade:** Using NEXTRA, you can place the orders you need to balance your portfolio in real-time. You have access to exchanges in different European regions and can participate in future, day-ahead or intraday trading on a 24/7 basis.

Portfolio overview

With the portfolio overview, you can easily monitor your forecasts, trades, and the resulting surplus or deficit. You can manage transactions online, create reports, and download these or other documents in the download area to your computer. With a single click, these open positions can be bought and sold on various auctions or in continuous trading.



Day-Ahead

Offer your short-term flexibility on the day-ahead market in auctions for individual hours and quarters of an hour.

Time [CET]	-500.00	-500.00	0.00	500.00	1000.00	Aggregates Delta [MWh]	Aggregates Forecast [MWh]	Aggregates Trades [MWh]
00:00-01						0.00	730	730
00:00-02						-1.00	630	630
00:00-03		32.00				0.00	930	930
00:00-04		32.00				-0.35	930	930
01:00-01		32.00				0.00	630	630
01:00-02		32.00				0.00	780	780
01:00-03		32.00				0.00	730	730
01:00-04		32.00				0.00	670	670
02:00-01		32.00				0.00	900	900
02:00-02		32.00				0.00	600	600
02:00-03		32.00				0.00	730	730
02:00-04		32.00				0.00	720	720
03:00-01		32.00				0.00	960	960
03:00-02		32.00				0.00	750	750
03:00-03		32.00				0.00	670	670
03:00-04		32.00				0.60	660	660

Intraday

Control your portfolio on the delivery day in continuous trading by directly and transparently reacting to short-term forecast deviations.

Time [CET]	Sell Power Price [€/MWh]	Sell Power Quantity [MWh]	Buy Power Price [€/MWh]	Buy Power Quantity [MWh]	Aggregates Delta [MWh]	Aggregates Forecast [MWh]	Aggregates Trades [MWh]
11:00 - 12:00	55,70		42,50	4,0	-4,097	-55,497	51,400
12:00 - 13:00	54,40		42,60	4,0	-4,044	-54,544	50,100
13:00 - 14:00	52,50		40,90	4,0	-4,008	-54,308	50,300
14:00 - 15:00	29,70		41,00	4,0	-4,099	-54,299	50,200
15:00 - 16:00	28,70		35,30	4,0	-4,099	-54,199	50,100
16:00 - 17:00	38,30		36,90	5,0	-5,052	-54,452	49,400
17:00 - 18:00	28,90		41,40	5,0	-5,093	-54,393	49,300
18:00 - 19:00	55,80		45,30	6,0	-6,046	-53,246	47,200
19:00 - 20:00	41,70		47,50		-4,095	-52,895	48,500
20:00 - 21:00	40,40		50,50		-6,084	-52,284	46,200
21:00 - 22:00	41,90		50,50		-5,340	-52,440	47,100
22:00 - 23:00	54,40		45,90		-4,735	-51,935	47,200
23:00 - 00:00	52,70		45,00		-4,302	-52,502	48,300

Order >

Features at a glance

- > Access to short-term and long-term markets
- > Profiting from short-term price developments
- > Full transparency on prices
- > No licence fees, no maintenance fees
- > Constant overview of your portfolio
- > Financial reporting directly from the platform

Customer API

As an additional access to our systems - besides our graphical user interfaces - we offer you our customer API for automatic data exchange. Via the customer API, many processes can be automated and large amounts of data can be exchanged securely. Besides the transmission of schedules you can also call up specific prices and use various NEXTRA functions.

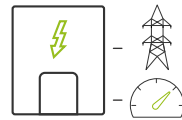
RENEWABLES POWER TRADING

Best results for your assets

Would you like to sell the power of your own assets or provide power trading for third parties? Next Kraftwerke is one of the first and largest specialized power trader for power from RES. We take on all the tasks for you or your customers involved in power trading at the best price possible. We're also happy to identify potential flexibility of your assets. This allows you to use market price fluctuations for higher returns.

Power Purchase Agreements (PPA)

We can also trade your assets within a Power Purchase Agreement (PPA) if required. Just get in touch!



- 1 Asset operation does not need to be adjusted for power trading.



- 2 Next Kraftwerke trades the produced energy and assumes the balancing risks on your behalf.



- 3 You receive the revenues for the energy from your assets.

Everything at a glance - in our customer portal

You can view and manage the status of your assets at any time in the customer portal. You can also access data and invoices and download important documents. "My Power Plant" can be used by all standard operating systems and browsers. In addition, "My Power Plant" is available as an app on Apple or Android mobile devices, allowing you to stay up to date even on the go.



CONTROL RESERVE

Profit from grid stabilization

Many decentralized assets contain a valuable potential: flexibility. Unlike solar and wind plants, bioenergy, hydro, and CHP plants as well as batteries or Power-to-X-units can be called upon to provide more or less energy on short

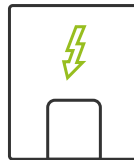
notice. This flexibility is profitably on in the control reserve market. Next Kraftwerke is a long-time provider of control reserve in seven European TSO areas.

1



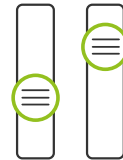
Upon installation of the Next Box remote control unit, the asset is linked to the central control system of our VPP.

2



Simply by deploying the asset, you receive compensation for standby operation - known as the capacity rate. This does not affect the asset's operation.

3



Grid fluctuations trigger adjustments to the capacity of the asset, and you receive an energy price in addition to the capacity rate.

White label solutions

"Do you want to present yourself as a power trader and Virtual Power Plant operator to your customers? No problem! We provide complete management of your assets as a white label solution. From establishing remote control to the optimization of your assets all the way to trading - we share the entire range of our expertise. If desired, we are also happy to create your own customer portal."

Christian Woelcke
Head of Sales Germany



CASE STUDY

Public utilities included in a Virtual Power Plant (VPP)? It may sound like an exception to the norm, but it is actually common practice. Why? Many public utilities own flexible systems, which are suitable for short-term trading. The public utility company in Groß-Gerau (GGV), a town southwest of Frankfurt, was the first to join Next Kraftwerke's Virtual Power Plant. After starting cooperation in 2012 with the integration of biogas units into Next Kraftwerke's VPP, Next Kraftwerke now also manages the utility's balancing group and its portfolio. "Due to limited personnel resources, we were looking for a partner to optimize our electricity procurement costs," GGV's CEO Paul Weber says. Next Kraftwerke forecasts the production and consumption of energy for the balancing group, transmits the schedule to the transmission system operator on a daily basis, and trades the forecasted volumes on the day-ahead market. Deviations from the forecast are balanced by intraday trading.

"We have a very trusting business relationship, which has enabled us to reduce our electricity procurement costs without investing in a trade department of our own," Weber says. "In the medium term, we intend to extend the cooperation regarding the flexibility of our biogas units and our power procurement."

Products in use

Direct marketing, control reserve, portfolio management, energy trading, balancing group management

Facts & Figures

- 150 GWh transported electricity on mid- and low-voltage grid annually
- 12 GWh power production from renewable sources annually 13,000 metering points



WHY NEXT KRAFTWERKE?

The transition to renewable energy is an enormous challenge for our energy supply. Since 2009, we've risen to this challenge and have developed solutions for the energy market of the

future. We've been successful: Today, we operate one of the largest Virtual Power Plants in Europe and are active on all European energy exchanges as a certified energy trader.

Full-Service

We are your specialist for developing complex energy industry processes – from power trading, to additional energy acquisition, or balancing your balancing group. We trade the produced power of your assets, provide balancing services for grid stabilization, and offer green energy products of all qualities.

Independent

We are not dependent on the structures carried over from the traditional energy sector and can operate completely independently. Therefore, you retain your own profile and your strategic independence when working with Next Kraftwerke.

Distinguished performance

We have received a number of awards for our concepts and products:

- › Global Cleantech 100, 2020
- › Digital Champions Award, 2019
- › Financial Times 1000, 2017
- › Intersolar Award, 2017
- › National Energy Globe Award Germany, 2017
- › RGI Good Practice of the Year Award, 2016
- › eco Internet Award, 2016
- › Global Cleantech 100, 2015
- › Eurelectric Award, 2015
- › Nominated for the Hermes Award, 2015
- › German Energy Award, 2014

24/7 energy trading

Next Kraftwerke is a certified trader on the EEX spot market (EPEX Spot) and the EXAA for 24/7 trading on day-ahead and intraday markets. With short-term trading on the intraday market, we can balance production and consumption and square your balancing group. Your balancing costs drop considerably.

Regional and international

With regional contacts in Germany, finding your way to Next Kraftwerke is easy. In addition, our international business offers a wider perspective for competently addressing specific needs for the long term.





Facts and figures

- › Aggregated units: > 8,500
- › Total capacity of the Virtual Power Plant: > 7,450 MW
- › Traded energy quantities (2019): 15.1 TWh
- › Control areas: Active in 7 European TSO areas
- › Founded: 2009
- › Locations: 7
- › Employees: 159
- › Sales (2018): 627.7 million Euro

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