



# KYOS & FlexPowerHub Webinar - FAQ

## Navigating the BESS market with advanced multi-market models



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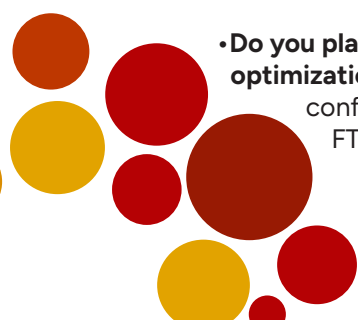
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### Markets

- **In which countries do you offer your software?** The KYOS (wholesale) module can be used in most European market with a IDC market. FlexPowerHub is active in Germany and Austria. Soon Netherland, Belgium and France will be active as well. Please contact us for more information.
- **Do you also offer services in Belgium, what is your portfolio?** The wholesale (KYOS) module is already working in the Belgium ID market. The ancillary services (FPH) module and consequently the multi-market module, will be ready over Summer. Please contact us for more information.
- **Is FlexPowerHub going for Switzerland?** FlexPowerHub can be used in Switzerland already for bidcalculation with analytical forecasts. We are missing AI forecasts and a connection to Swissgrid, but both could be developed together with a customer in Switzerland.
- **Any plan to move to the U.S. BESS market?** Many in the future, but right now we don't have plans to move outside Europe yet.

### Optimization

- **Does the software evaluate the optimal decision on which market—either the ID or ancillary services—for BESS participation? Does the software allow for simultaneous participation on both markets?** Yes, in the multi-market version, the software will optimize a BESS between ancillary services and wholesale markets.
- **What is the minimal size of the BESS to run on your software and participate in the markets?** For wholesale optimization, giving minimal bid size of 0.1MW, we suggest at least 1MW asset.
- **Combine with day ahead- do you mean you perform intermarket trading, or is it several intra trading next to each other?** We mean that you start with participating in the DA market, afterwards this position is optimized in the IDC market.
- **Do you plan to do both FTM and BTM optimization as well?** Subject to the exact configuration, we can support both FTM and BTM BESS set-ups.



## BESS Investment

- **Do you offer also a software to evaluate battery capacities, e.g. for investment decisions?** Yes, this is supported by the KYOS KyBattery model. We have supported already a large number of companies with providing revenue projections for BESS projects. Please contact KYOS for a demo and more information.
- **The revenue projections seem to be stacked, is this a sum of revenue in a single market or rather optimized OVER several markets?** Revenues calculated by

Kybattery are optimized over several markets (multi-market). It are simulated (future) revenues. Please contact KYOS for a more information or a demo of KyBattery.

- **Regulatory effects vs. optimization potential: Where do regulatory effects regarding the grid hinder the full potential of optimization?** Please contact KYOS to further clarify on this topic.

## KYOS Specific

- **Can you provide some examples of historic performance of batteries in the Netherlands that use your trading platform?** Please contact KYOS directly for more information.
- **Could other models (from other providers) be plugged into the multimarket optimization module as well?** In principle yes, however this is not supported at the moment.
- **Real-time Optimizer: What is your frequency of re-optimization? In is the time delta between looking at new best pairs?** This can be configured in the model.
- **Do you also consider imbalance trading in your optimizer?** Not at this moment. We focus currently on further improving wholesale and FCR/aFRR trading.
- **Does the REFLEX SW control the BESS?** This is indeed possible and required for live trading mode. In this case we will facilitate configuring the required interfaces with the BESS (eg via EMS)

## FlexPowerHub Specific

- **Did you backtest the quality of your Merit-Order Curve Forecast? How did you do it and what was the performance of the forecast?** Yes we do continuous backtests for our forecasts and will provide sample test sets. You can see some evaluations on our website as well: <https://flexpowerhub.com/prognose-dashboard/>
- **Can aFRR energy trading be performed without a capacity position?** Yes, as Freebids. In some strategies it can be useful to optimize without capacity markets.
- **How do you forecast FCR and aFRR energy activations?** FCR: Traders will mainly focus on a forecast for the closing price. We use different analytical and dynamic methods to provide good forecasts.

aFRR energy: Activation per se is not really possible to forecast. We have some activation rate forecasts which will then go into our retrieval rate forecast, where we calculate activation quotes based on the Merit Order position.



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[info@kyos.com](mailto:info@kyos.com)

## Models

- **You can have a lot of control over the trading yourself, but is it also possible to let it run automatically?** For FlexPowerHub: Yes, it would be possible to fully - automate the ancillary services part. The whole bidding process would be controlled via asset schedules, which means that the schedules will tell FlexPowerHub when and what amount of energy will be bid in the markets.  
  
Same for KYOS, the algo can run fully automatically.
- **Can you take PV generation plants (colocation with BESS) into account in the optimization to calculate the bids?** Not yet, but this is on our roadmap.
- **Do you provide this software to aggregators, or do you also act as an aggregator yourself?** Neither KYOS nor FlexPowerHub act as aggregator or BSP, we are providing the software solution to BSP/aggregator's to bid/trade themselves.
- **How much BESS, in MW, is optimized currently on your platform in each country where active?** We are launching the service for live BESS optimization at the moment.
- **Could available energy from other asset classes (e.g. PV, Wind) also be brought to market through the ancillary models?** If prequalified - yes. The strategy customization doesn't differentiate between asset types, which means strategies can be created for all asset types.
- **Given you are pre-qualified, can your models incorporate their energy?** Yes - see the answer above.
- **Which EMS platforms do you integrate with?** We are rather EMS agnostic. Configuring interfaces is part of the implementation phase.



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Contact us for more information:

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