FASS Programme

[Day-Ahead System Services Auction (DASSA) Design Consultation Paper V1.0](#)

March 2024

Summary of Consultation Proposals and Questions

Sub-section	TSOs Proposal	Industry Question
Services to be Procured in Initial DASSA	The DASSA to initially procure reserve services, which will be subject to the outcome of a product review, with the auction design to allow for the procurement of other services in the future. Services in scope to be procured individually in the initial implementation of the DASSA. The auction design to allow for the TSOs to apply operational requirements to the procurement of services.	Question 1: Do you have any comments on the services to be procured under the DASSA?
Timing of the DASSA	DASSA to take place after the DAM and before the first day-ahead Long-Term Scheduler (LTS). DASSA Gate Closure Time to be 13:20, with the DASSA results to be published at 13:50.	Question 2: Do you have any comments on the timing of the execution of the DASSA?
DASSA Auction Timeframe	DASSA to procure system services for a 24-hour Auction Timeframe starting at 23:00 day-ahead (D-1) and ending at 23:00 next day (D).	Question 3: Do you have any comments on the DASSA Auction Timeframe?
DASSA Trading Period	The DASSA Trading Period to be defined as a 30-minute interval. The DASSA design to be compatible with other Trading Period durations.	Question 4: Do you have any comments on the DASSA Auction timeframe?
DASSA Volume Requirements	Volume requirement for each system service for each Trading Period in the Auction Timeframe to be published before the DASSA gate closure on the day of the auction (D-1).	Question 5: Do you have any comments on the publication of the volume requirements for the DASSA?
DASSA Bidding Structure [Overview]	Service providers to be able to submit a bid for each individual service for each Trading Period within the Auction Timeframe. DASSA bids to take the form of a stepwise linear supply function. Service providers may submit one or more price/quantity pairs, which must be increasing. A maximum number of price/quantity pairs will be implemented. Minimum acceptable values for quantity and price for each step may be implemented. Price caps may be implemented. Bids may be updated up to the time of the DASSA gate closure only. There will be no interdependency between bids.	Question 6. Do you have any comments on the proposed bidding format and process for the DASSA?
DASSA Bidding Structure – Zero-Volume DASSA Bids	Zero-volume DASSA bids to be facilitated to allow for service providers that only know their availability close to real time to be awarded volume in the FAM if they are in merit.	Question 7. Do you have any comments on zero-volume DASSA bids?
DASSA Bidding Structure - Volume-Cap DASSA Bids	Volume-Cap DASSA bids to be facilitated to allow for service providers to allocate a portion of their volume into the FAM only.	Question 8. Do you have any comments on volume-cap DASSA bids?

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DASSA Bidding Structure – Divisibility of Bids	Service providers to be able to specify in their submitted bids whether DASSA bids will be divisible or non-divisible.	Question 9. Do you have any comments on the proposed approach for the divisibility of bids?
Volume Insufficiency	Measures to address volume insufficiency to be activated, depending on whether the reason is capacity withholding or volume scarcity.	Question 10. Do you have any comments on the proposals for addressing volume insufficiency in the DASSA?
DASSA Clearing Overview	DASSA auction to be cleared on a pay-as cleared basis per Trading Period in the Auction Timeframe for the whole island of Ireland. The objective function of the market clearing of the optimisation problem to be subject to a suite of constraints. A DASSA Order, and associated commitment obligation, to be allocated to auction winners for each service for each Trading Period in the Auction Timeframe.	Question 11. Do you have any comments on the DASSA clearing overview?
DASSA Clearing Optimisation - Objective Function	The objective function of the DASSA clearing optimisation problem to: • Minimise the cost of procuring services. • Include value functions for addressing operational requirements related to the continuous provision of services and the quality of service, where those requirements are not set as auction constraints.	Question 12. Do you have any comments on the proposals for the design of the objetive function defined for the DASSA clearing optimisation problem, including the value functions for operational requirements?
DASSA Clearing Optimisation Constraints	Long-run reserve constraints to be modelled in the daily auction clearing optimisation, as required for system security. Operational requirements to be included as constraints, where they are not being included as value functions in the optimisation objective function.	Question 13. Do you have any comments on the constraints to be modelled in the DASSA clearing optimisation problem?
DASSA Clearing Prices	The daily auction to be cleared with either: • A uniform all-island clearing price per service per Trading Period. • Zonal pricing where there are binding locational constraints.	Question 14. Do you have any comments on the proposed options for the clearing price of the daily auctions?

Section 5: Secondary Trading

Sub-section	TSOs Proposal	Industry Question
Central Secondary Trading Platform	Secondary trading to take place via a central trading platform, to be operational from the go-live of the DASSA arrangements. Buy and Sell orders will be placed on the central trading platform and bilateral secondary trading will also be permitted, provided that the TSOs are notified of trades via the central trading platform.	Question 15. Do you have any comments on the proposal to implement a central trading platform from go-live of the DASSA arrangements?
Secondary Trading Window	Secondary trading to take place after the DASSA results are published and up to 90 minutes before the relevant Trading Period.	Question 16. Do you have any comments on the proposals for the timing of the secondary trading window?
Placing Buy and Sell Orders	Simple Buy and Sell Orders to be placed on the central trading platform for a given service and Trading Period(s). Service providers will be able to specify relevant conditions associated with a Buy or Sell Order.	Question 17. Do you have any comments on the proposals for placing Buy and Sell Orders?
Validation of Buy and Sell Orders	Buy and Sell Orders to be validated against service provider capabilities and other relevant validation checks to ensure all Orders are feasible.	Question 18. Do you have any comments on the proposals for the validation of Buy and Sell Orders?
Matching of Buy and Sell Orders	Matching of Orders in secondary trading to be done on a first-come first-serve basis (Option 1).	Question 19. Do you have any comments on the TSOs' preferred approach to match Orders on a first-come first-serve basis?
Bilateral Trading of DASSA Orders	Bilateral secondary trading of DASSA Orders to be facilitated, with all orders to be recorded, validated, and confirmed on the central secondary trading platform.	Question 20. Do you have any comments on the proposals for placing bilateral trades?
Validation of Matched Trades and Bilateral Trades	Secondary trading to be permitted between imperfectly substitutable service providers (Option 2).	Question 21. Do you have any comments on the TSOs' preferred approach to allow secondary trades between imperfect substitutes?

Section 5: Secondary Trading

Sub-section	TSOs Proposal	Industry Question
Potential Market Power in Secondary Trading	[Refer to TSOs' assessment as described in consultation paper.]	Question 22. Do you have any comments on the assessment of market power in secondary trading?
TSOs' Participation in Secondary Trading	The TSOs may participate in secondary trading in the event of volume insufficiency in the DASSA due to capacity withholding by meeting unmatched Buy Orders or submitting Sell Orders at a Secondary Trading Price of zero. This would delegate the DASSA clearing price to the additional volumes sold in secondary trading. Service providers would not be able to update their bids for the FAM in this event.	Question 23. Do you have a view on the TSOs participating in secondary trading?

Section 6: Commitment Obligations and Incentives

Sub-section	TSOs Proposal	Industry Question
Commitment Obligation Overview	[Refer to overview as described in consultation paper.]	Question 24. Do you have any comments on the proposed commitment obligation overview?
Commitment Obligation and Incentive Process	[Refer to process as described in consultation paper.]	Question 25. Do you have any comments on the proposed commitment obligation and incentive process?
Value of compensation payment	[Refer to alternatives as described in consultation paper.]	Question 26. Do you have any comments on the alternatives for the determination of the Compensation Payment?

Section 7: Final Assignment Mechanism

Sub-section	TSOs Proposal	Industry Question
Calculating the Volume Requirement	The FAM volume requirement to be calculated ex-post based on the difference between the DASSA volume requirement and actual total compatibility and availability of DASSA Order holders in real time. The FAM volume requirement for a service to be met by any available eligible service provider, subject to it being capable of providing the service and its price being in merit order.	Question 27. Do you have any comments on the proposal for determining the FAM volume requirement?
FAM Adjusted Supply Functions	Adjusted Supply Functions will be established by the TSOs based on the available data to be considered for FAM payments.	Question 28. Do you have any comments on the proposed methods for establishing the Adjusted Supply Functions for FAM payments?
FAM Clearing and Assignments	Service providers in receipt of a FAM Assignment to be paid the FAM clearing price.	Question 29. Do you have any comments on the FAM clearing and FAM Assignments?
Further Design FAM Design Considerations – FAM Default Price	A FAM default price to be determined and be applicable to service providers that did not submit a bid into the daily auction.	Question 30. Do you have any comments on the considerations for determining the default price?
Further Design FAM Design Considerations – Constraints and FAM Payments	DASSA and Secondary Trading constraints to be met in the FAM. Additional locational constraints for the FAM to be considered in light of Firm Access for system services.	Question 31. Do you have any comments on constraints in the FAM?
Service Availability Requirement	Service providers to be obliged to declare their availability to provide a service to the TSOs if they are technically capable of doing so, irrespective of whether they hold a DASSA Order for the service volume.	Question 32. Do you have any comments on the obligation for service providers to declare availability irrespective of whether they hold a DASSA Order for the service volume?

Section 8: Locational Considerations

Sub-section	TSOs Proposal	Industry Question
Locational Constraints in the DASSA and System Services Firm Access	[Refer to approach as described in consultation paper.]	Question 33. Do you have any comments on the TSOs' approach to the inclusion of distinct locational constraints into the DASSA arrangements and on the requirement to implement Firm Access for system services?

Section 9: Registration and Qualification

Sub-section	TSOs Proposal	Industry Question
Registration	Service providers to register with the TSOs in order to participate in the DASSA arrangements. Registration to be open on a rolling basis. The TSOs to complete the registration process, including qualification, within 90 days of receipt of a completed application.	Question 34. Do you have any comments on the proposals for registration in the DASSA arrangements?
Qualification	The qualification process to leverage the established system services testing regime and to adapt as required to new or amended services.	Question 35. Do you have any comments on the proposals for qualification in the DASSA arrangements?

Section 10: Settlement

Sub-section	TSOs Proposal	Industry Question
Settlement Period	Settlement for the DASSA arrangements to take place monthly in arrears.	Question 36. Do you have any comments on the proposals for the DASSA settlement period?

Section 11: Forwards Markets

Sub-section	TSOs Proposal	Industry Question
Forwards Market	[Refer to considerations as described in consultation paper.]	Question 37. Do you have any comments on considerations for the introduction of forwards markets in the SSFA?

Section 12: Migration to the DASSA Arrangements

Sub-section	TSOs Proposal	Industry Question
Migration to the DASSA Arrangements	[Refer to considerations as described in consultation paper.]	Question 38. Do you have any comments on the considerations for the migration to the DASSA Arrangements?

Section 13: DASSA Interactions with Energy Markets

Sub-section	TSOs Proposal	Industry Question
Interaction with Single Electricity Market (SEM)	[Refer to TSOs' commentary as described in consultation paper.]	Question 39. Do you have any comments on the interaction of the DASSA with the SEM?
Interactions with European Markets	[Refer to TSOs' commentary as described in consultation paper.]	Question 40. Do you have any comments on the interaction of the DASSA with European markets following the completion of the Celtic interconnector?