

31 OCTOBER 2021

CRM AUCTION REPORT

Y-4 Auction for the 2025-2026 Delivery Period



Contents

1. General provisions.....	3
1.1 Introduction	3
1.2 No warranties & liability.....	3
1.3 Relation with the Capacity Contract, the Electricity Act and the Functioning Rules	3
1.4 Intellectual property rights	3
2. Purpose of this document.....	5
3. Summary of the final results of the Y-4 Auction for the 2025-2026 Delivery Period	6
3.1 General information about the submitted and selected Bids	7
3.2 Volume statistics of the submitted and selected Bids.....	8
3.2.1 Capacity volumes by capacity contract duration.....	9
3.2.2 Capacity volumes per CMU status	10
3.2.3 Capacity volumes by technology	11
3.2.3.1 Capacity volumes by technology – Derating factor	12
3.2.3.2 Capacity volumes by delivery point technology.....	13
3.2.4 Capacity volumes by technology & status	14
3.2.5 Capacity volumes by connection type	15
3.3 Opt-out volume summary.....	16
3.4 Dummy bids.....	17
3.5 Individual information on the selected Capacity Market Units	18



Disclaimer

1. General provisions

1.1 Introduction

This report (hereinafter the “Report”) is published by Elia Transmission Belgium SA, with registered office at Boulevard de l'Empereur 20, 1000 Brussels, registered with the Crossroads Bank for Enterprises under number 0731.852.231 (hereinafter “Elia”), pursuant to Article 7undecies §10 of the Act of 29 April 1999 on the organisation of the electricity market (hereinafter the 'Electricity Act'). Please also refer to section 2 below.

1.2 No warranties & liability

The use of information contained in this Report for any form of decision making is done so at the user's own risk.

To the extent legally permissible, Elia cannot be held liable (whether in contract, tort, delict, quasi-delict, statute or strict liability) for any direct or indirect damage, or for any damage of any kind, arising in connection with the use of this Report, even if Elia was previously made aware of such damage. Elia cannot be held liable for any incorrect understanding or misuse of data or information published in this Report.

1.3 Relation with the Capacity Contract, the Electricity Act and the Functioning Rules

For the avoidance of doubt, the content of this Report can in no way serve as, or constitute a, legal (or contractual or any other kind of) basis for the signature of a Capacity Contract; the only basis for which rests within the Electricity Act and the CRM Functioning Rules established in the Royal Decree ¹ (hereinafter the “Functioning Rules”).

In the event of any conflict or inconsistency between this Report and the Electricity Act and/or the Functioning Rules, the latter documents shall prevail.

1.4 Intellectual property rights

All information and materials available in this Report (including, but not limited to, texts, pictures, images, icons and data) are protected by intellectual property rights or related rights. In particular, the names and logos of Elia appearing on this website are protected by trade mark and copyright laws and treaties. The Elia brand, trademarks or logos may only be used in relation to products or services offered by Elia and may not be used, under any circumstances, in a

¹ Royal Decree approving the functioning rules for the capacity remuneration mechanism, pursuant to 7undecies, § 12, of the Electricity Act



way that is likely to create confusion amongst consumers or to damage or discredit Elia. In addition, third parties may have rights (including intellectual property rights) on some of the data available in this Report.

Unless this Report expressly indicates otherwise, users may not, under any circumstances, copy, reproduce, represent, modify, transmit, publish, adapt, distribute, broadcast, grant a sublicense or sell by any means or in any manner, all or any part of this Report without the prior written permission of the holder of the copyright or related right.



Y-4 Auction Report

2. Purpose of this document

Pursuant to Article 7undecies §10 of the Electricity Act, ELIA has the legal obligation to publish on its website, by 31 October 2021 latest, the results of the Y-4 Auction for the 2025 – 2026 Delivery Period.

*“§ 10. For each Delivery Period, two auctions shall be organised by the transmission system operator: a first auction four years before the delivery period and a second auction one year before the delivery period. In execution of an instruction as referred to in paragraph 6, the transmission system operator organises an auction for which bids are accepted until 30 September at the latest **and for which the results are published on the website of the transmission system operator by 31 October at the latest**, unless paragraph 13 is applied. If the commission cancels the auction on the basis of its supervisory powers in accordance with paragraph 13, the transmission system operator shall hold a new auction, for which the results of the auction shall be published on the website of the transmission system operator by 30 November at the latest.”*

This Report is published in order to comply with this legal obligation, as well as those stemming, as the case may be, from REMIT, and it is established following the transparency requirements as set forth in chapter 16 of the Functioning Rules. Pursuant to the Electricity Act, these rules guarantee the transparency of the capacity remuneration mechanism.



3. Summary of the final results of the Y-4 Auction for the 2025-2026 Delivery Period

The following table presents the most important price and volume results of the Y-4 Auction for the 2025-2026 Delivery Period organized in October 2021. The bid volume weighted average Bid Price of the retained bids is equal to **31,671.57** €/MW/year. The highest Bid Price of the retained bids, as referred in § 932 of the Functioning Rules, is equal to **49,993.18** €/MW/year.

Given the "pay-as-bid" clearing algorithm in the auction, each retained CMU will receive its own Bid Price as a Capacity Remuneration.

The total amount of capacity (in derated MW) selected in the Auction amounts to **4,447.7** MW, spread over **40** selected Capacity Market Units.

Auction and Delivery Period	Y-4 Auction organized in October 2021, for 2025 - 2026 Delivery Period
Weighted average Bid Price (in EUR/MW/year)	31,671.57
Highest Bid Price (in EUR/MW/year)	49,993.18
Total selected capacity (in MW)	4,447.7*
Number of selected Capacity Market Units (CMUs)	40

*Note that this capacity, as well as all other capacity volumes mentioned in the remainder of this Report, concern capacities after application of the derating factor.



3.1 General information about the submitted and selected Bids

The table below, as referred in §§ 928 and 931 of the Functioning Rules, provides further insight into the submitted Bids, as well as the selected Bids. The Bid volume weighted average bid price for the submitted Bids not subject to the Intermediate Price Cap amounts to **44,346.22** €/MW/year, whereas it amounts to **37,167.35** €/MW/year for the final selected Bids not subject to the Intermediate Price Cap. For the submitted Bids subject to the Intermediate Price Cap, the bid volume weighted average bid price is **19,901.60** €/MW/year for the submitted Bids (not taking into account the possible mutually exclusive nature of the considered Bids) and **19,892.72** €/MW/year for the selected Bids.

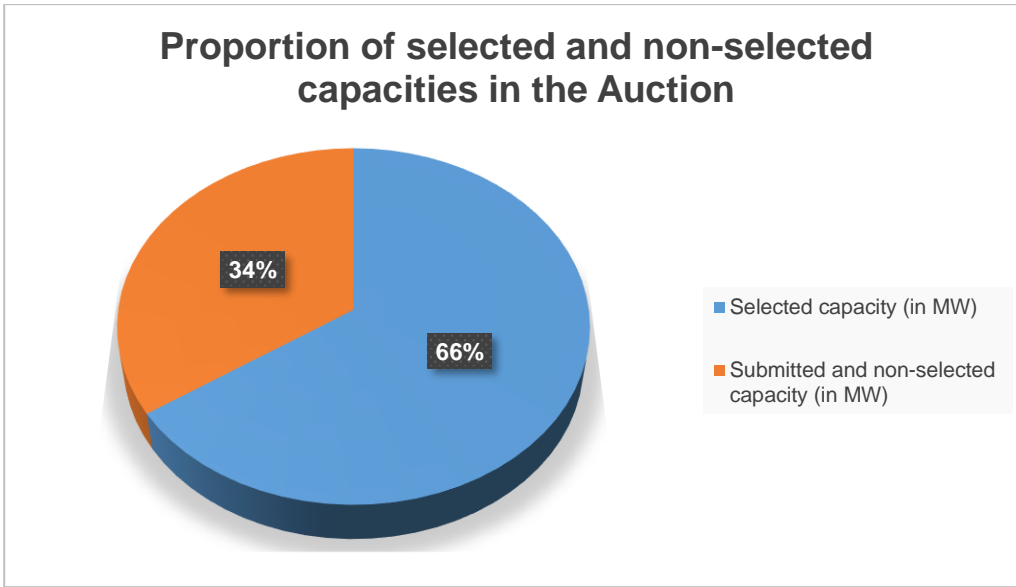
In total, **16** Prequalified CRM Candidates submitted at least one Bid for a total of **44** different CMUs. Of these, **40** CMUs were ultimately selected, representing **13** unique Prequalified CRM Candidates.

		Submitted Bids	Selected Bids
Bid volume weighted average bid price (EUR/MW/year)	Subject to Intermediate Price Cap	19,901.60	19,892.72
	Not subject to Intermediate Price Cap	44,346.22	37,167.35
Average capacity volume (MW)		132.81	101.08
Number of bids	Total	52	44
	Of which mutually exclusive (%)	9.62%	N/A
Total volume of mutually exclusive bids (MW)		193.41	N/A
Maximum volume of mutually exclusive bids that can be selected (MW)		64.47	N/A
Total number of CMUs		44	40
Total number of Unique Prequalified CRM Candidates		16	13



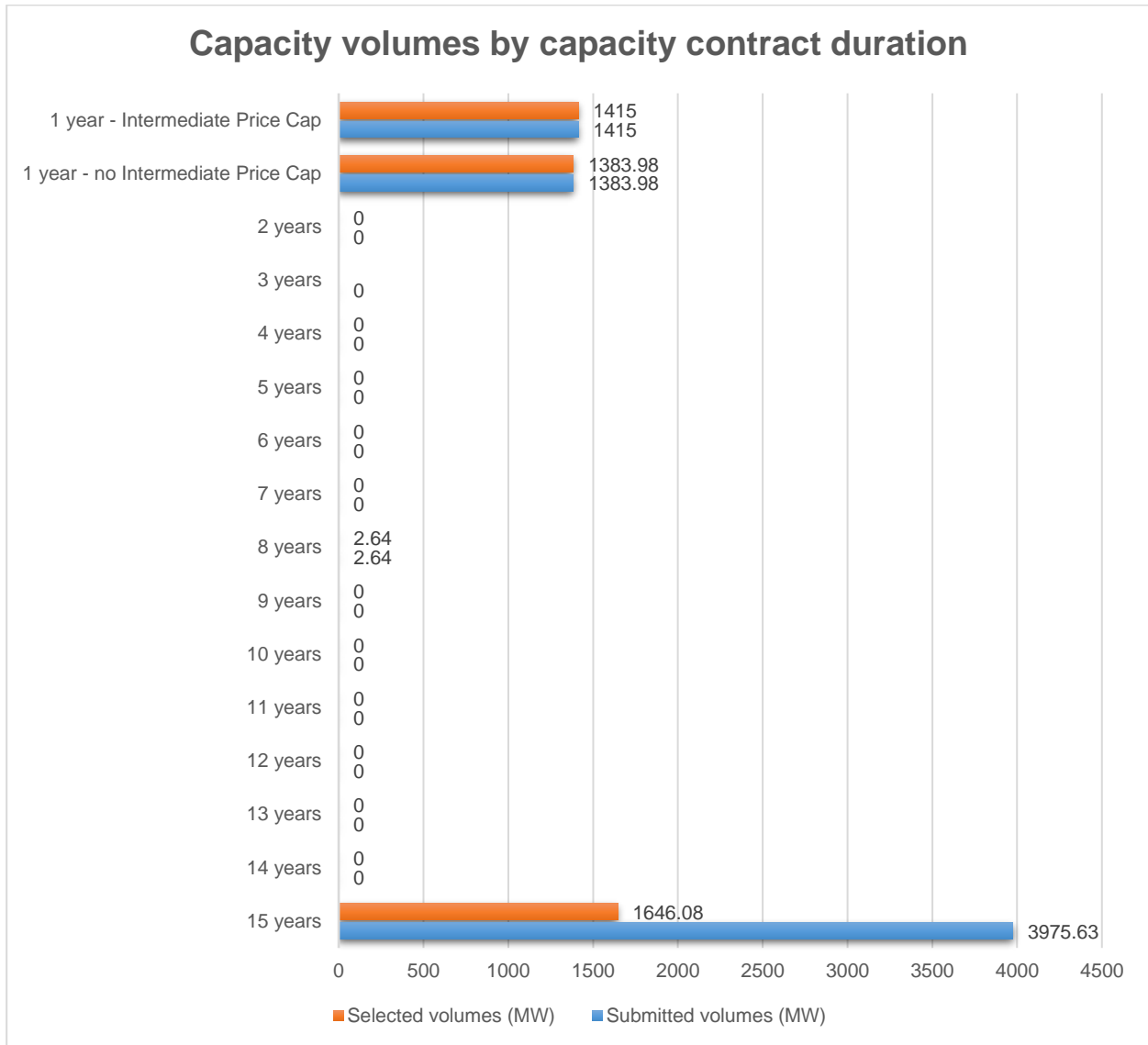
3.2 Volume statistics of the submitted and selected Bids

The graph below shows the ratio of selected to non-selected capacities (in MW).



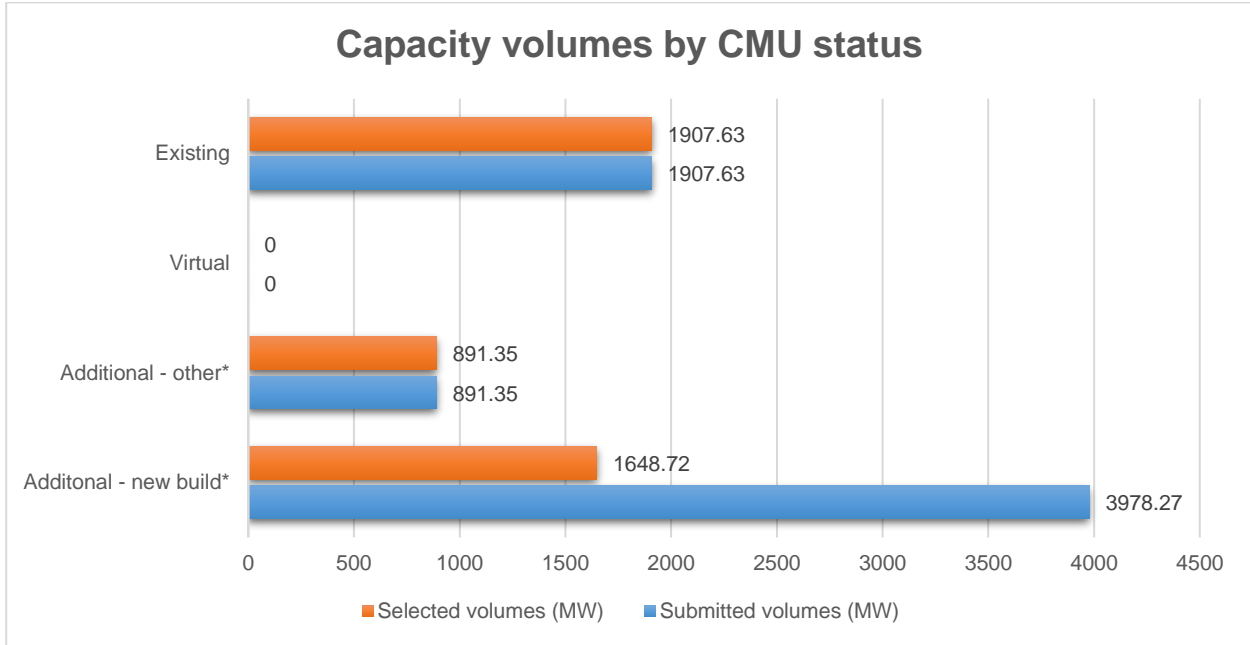
3.2.1 Capacity volumes by capacity contract duration

The submitted and selected capacity volumes (in MW) are split below according to the capacity contract duration, as envisaged in §§ 929 and 933 of the Functioning Rules. Capacities with a **15-year** Capacity Contract represented **58.7** % of the capacities participating in the Auction. They were also the largest category of capacities selected in the Auction (**37** %).



3.2.2 Capacity volumes by CMU status

The submitted and selected capacity volumes (in MW) are summarized below according to the type of CMU (existing, additional or virtual), as referred in §§ 929 and 933 of the Functioning Rules. **Additional - new build** capacities accounted for **58.7%** of the submitted volume and are thereby the largest category of capacities participating in the Auction. They ultimately accounted for **37.1%** of the capacities selected in the Auction.



*Note that the total volume of additional capacity is determined by the sum of the categories "Additional - new build" and "Additional - other".

The category "Additional – new build" consists of the additional capacities for which a formal commitment concerning the renunciation of the usage of the connection capacity has been made in accordance with § 63 of the Functioning Rules.

The category "Additional - other" contains, for example, capacities for which adjustments to the metering installation are necessary or to which a (limited) expansion of the capacity applies, but without affecting the connection capacity.



3.2.3 Capacity volumes by technology

The submitted and selected capacity volumes (in MW) are split below by technology, as referred in §§ 929 and 933 of the Functioning Rules.

The graphs below show respectively:

- a breakdown based on the **derating factors laid down in the Ministerial Decree regarding the instruction for the organisation of the auction**² and declared by the CRM Candidates per CMU during the prequalification procedure in accordance with § 76 of the Functioning Rules;
- a breakdown based on the **technology of the delivery point in accordance with the list of technologies defined in article 13, §1 of the Royal Decree on Methodology**³ and indicated by the CRM Applicants per delivery point during the prequalification procedure in accordance with § 70 of the Functioning Rules. If a CMU consists of multiple delivery points with different technologies, the capacity volume is allocated to the category "Aggregated technologies" which also includes the delivery points which themselves are composed of multiple technologies.

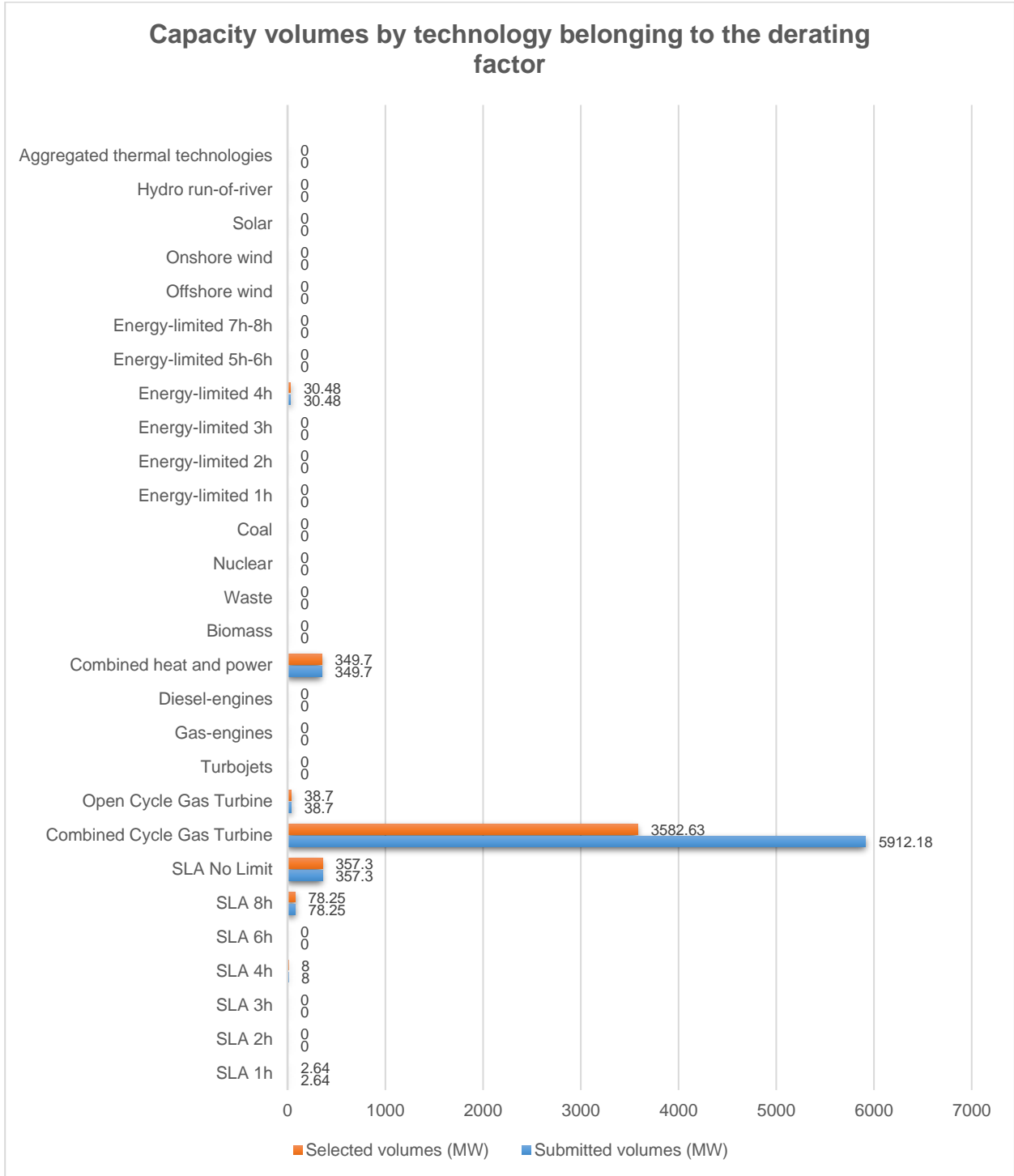
² Ministerial Decree of 30 April 2021 regarding the instruction to the system operator to organise the auction four years prior to the delivery period starting on 1 November 2025, the parameters needed to organise the aforementioned auction, the maximum volume of capacity that can be contracted with all holders of unproven capacity and the minimum volume to be reserved for the auction to be organised one year prior to the delivery period, in accordance with Article 7undecies, § 6, first paragraph of the Law of 29 April 1999 on the organisation of the electricity market.

³ Royal Decree of 28 April 2021 establishing the parameters used to determine the volume of capacity to be procured, including their calculation method, and the other parameters necessary for the organisation of the auctions, as well as the method and conditions for obtaining individual derogations from the application of the intermediate price cap(s) under the capacity remuneration mechanism.



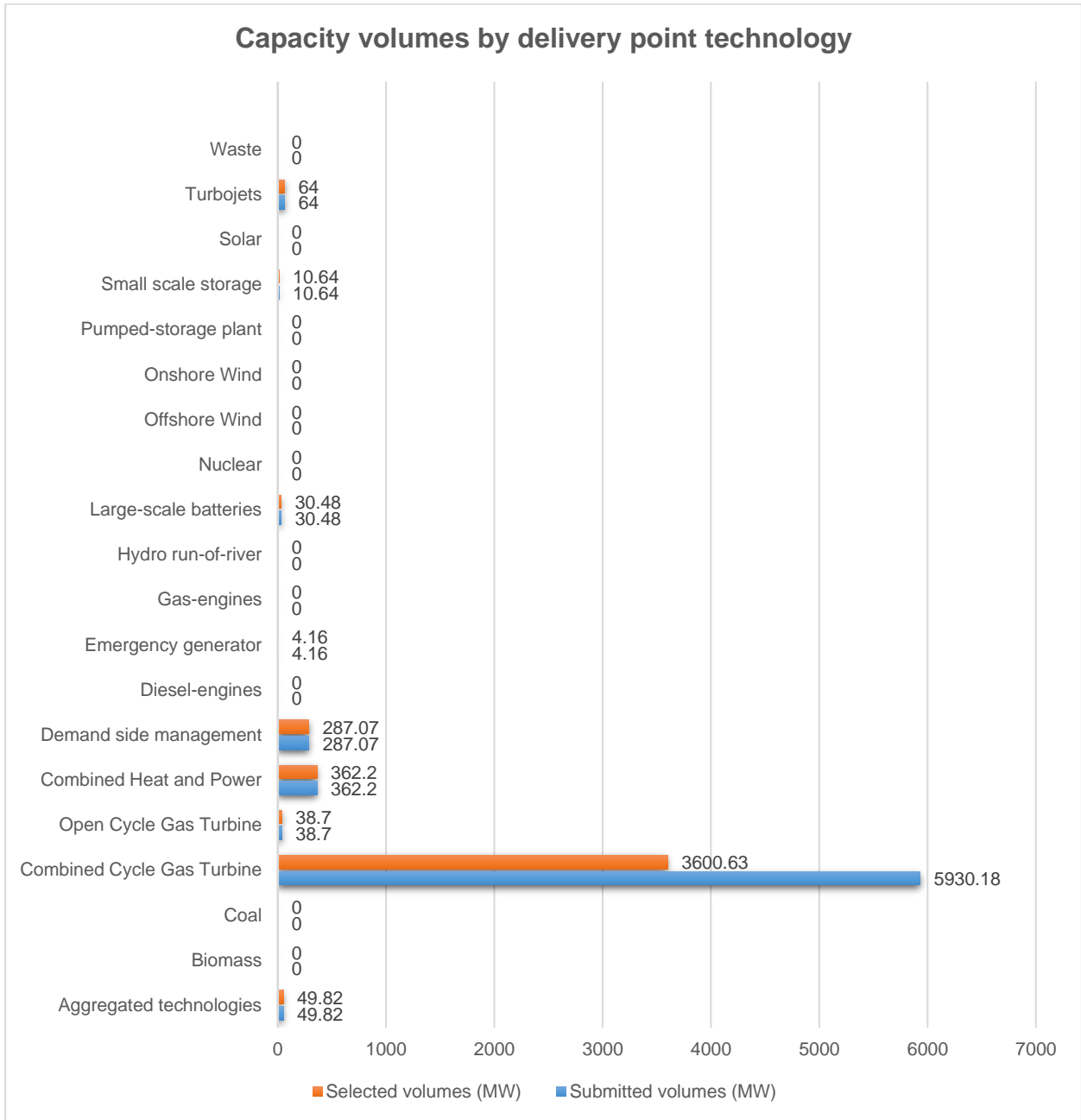
3.2.3.1 Capacity volumes by technology – Derating factor

The technology belonging to the derating factor **Combined Cycle Gas Turbine** accounted for **87.2 %** of the capacities participating in the Auction and constituted the largest category selected in the Auction (**80.6 %**).



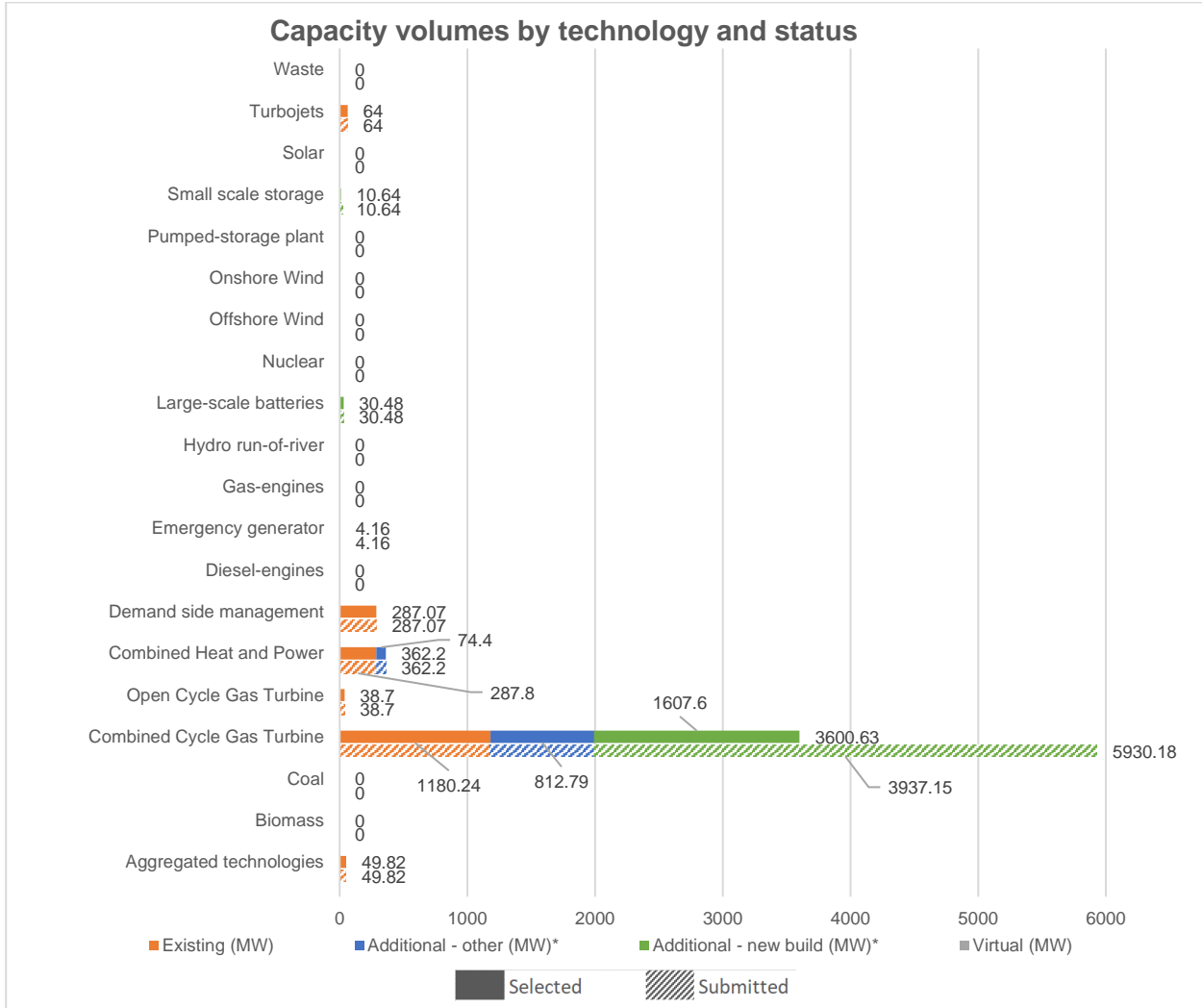
3.2.3.2 Capacity volumes by delivery point technology

The technology **Combined Cycle Gas Turbine** accounted for **87.5 %** of the capacities participating in the Auction and constituted the largest category selected in the Auction (**81 %**).



3.2.4 Capacity volumes by technology & status

The submitted and selected capacity volumes (in MW) are split below by both the technology (of the delivery point) and the status of the capacities. The combination technology **Combined Cycle Gas Turbine** and status **Additional - new build** accounted for **58.1 %** of the capacities participating in the Auction and constituted the largest category selected in the Auction (**36.1 %**).



*Note that the total volume of additional capacity is determined by the sum of the categories "Additional - new build" and "Additional - other".

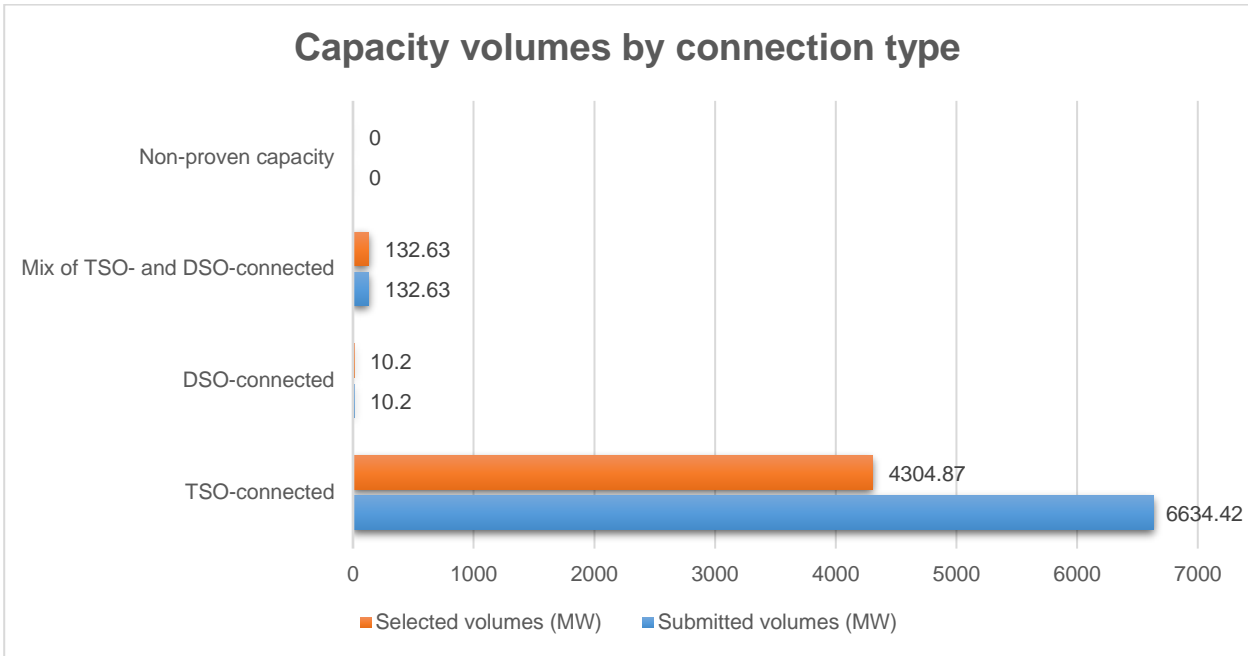
The category "Additional – new build" consists of the additional capacities for which a formal commitment concerning the renunciation of the usage of the connection capacity has been made in accordance with § 63 of the Functioning Rules.

The category "Additional - other" contains, for example, capacities for which adjustments to the metering installation are necessary or to which a (limited) expansion of the capacity applies, but without affecting the connection capacity.



3.2.5 Capacity volumes by connection type

The submitted and selected capacity volumes (in MW) are split below by connection type, as referred in §§ 929 and 933 of the Functioning Rules.



3.3 Opt-out volume summary

The total notified Opt-out volume for the Y-4 Auction for the 2025 - 2026 Delivery Period is, as referred in § 923 of the Functioning Rules, broken down below into volumes that contribute to security of supply (category "IN") and volumes that do not contribute to security of supply (category "OUT"). **70.4 %** and **29.6 %** of the total notified Opt-out volume are classified as "IN" and "OUT" respectively.

Note that the table below does not include opt-out volumes for nuclear units in Belgium. The total derated opt-out volume for nuclear units in Belgium amounts to **5705.28 MW** and is considered as "OUT".

	Opt-out volumes "IN"	Opt-out volumes "OUT"			
	<i>Total</i>	<i>Notification of definitive closure/structural reduction of capacity (Article 4bis of the Electricity Act)</i>	<i>Additional generation capacity with 'full opt-out' and without production licence and/or connection contract*.</i>	<i>Non-fixed capacity as part of a connection with flexible access</i>	<i>Conditional opt-out**</i>
Opt-out volumes (MW)	3,805.9	515.47	1,087.74	0	0
% of total opt-out volume	70.4%	9.5%	20.1%	0%	0%

*This category also includes full opt-outs related to *new build* (cf. category "Additional - new build" as described above) capacities.

** This category also includes conditional partial opt-outs related to *new build* (cf. category "Additional - new build" as described above) capacities, if these are considered "OUT" following the outcome of the Auction clearing.



3.4 Dummy bids

In accordance with section 6.3.1 of the Functioning Rules, ELIA determined, based on the information gathered during the prequalification procedure and during the auction *clearing*, the dummy bids that correct the volume to be purchased in the Auction.

Dummy bids determined prior to clearing of the auction, based on information gathered during the prequalification process, as referred in § 925 of the Functioning Rules:

- The **dummy bid** referred to in § 267 of the Functioning Rules, which corrects the volume to be purchased in the auction for the capacities that do not participate in the auction but are deemed to contribute to security of supply, equal to the opt-out volume "IN" as shown in section 3.3 above, amounts to **3,805.9 MW**.
- The total volume of **conditional dummy bids** referred to in § 268 of the Functioning Rules, which depending on clearing of the auction is deemed to contribute to security of supply or not, amounts to **20.4 MW**.
- The **reversed dummy bid** referred to in § 269 of the Functioning Rules, resulting in an upward volume shift of the demand curve, which corrects the volume to be purchased in the auction for successfully prequalified capacities that were deemed non-eligible during the demand curve calibration, amounts to **1026.37 MW**.
 - o This volume consists on the one hand, of **910.25 MW** coming from a total of **16** CHP, Biomass and Waste CMUs which, as estimated by the Federal Public Service Economy during the determination of the demand curve, are eligible for subsidies during the supply period covered by the auction but which have nevertheless registered as eligible capacity and have been successfully prequalified. On the other hand, the volume consists of **116.12 MW** coming from successfully prequalified CHP, Biomass, Waste and Onshore wind capacities for which no estimation has been made by the FPS Economy and which were also considered non-eligible during the calibration of the demand curve.
 - o Split by technology, the volume is made up of **925.96 MW** CHP, **51.46 MW** Biomass, **46.63 MW** Waste and **2.32 MW** Onshore wind capacity.

The reversed dummy bid was not adjusted during the *clearing* of the auction because the non-selection of successfully prequalified capacities that were considered non-eligible during the calibration of the demand curve totaled less than 100 MW (cf. § 270 of the Functioning Rules).

The total volume of conditional dummy bids that was finally deemed to contribute to security of supply is **20.4 MW** (or **100 %** of the total volume of conditional dummy bids).



3.5 Individual information on the selected Capacity Market Units

The table below presents, as referred in § 926 of the Functioning Rules, information about the individual selected Bids in the Auction.

Prequalified CRM Candidate	CMU ID	Derating factor	Technology of delivery point	Status of the CMU	Link with other Bids ("Linked Bids")	Capacity Contract Duration (in years)	Maximum volume submitted for CMU in the Auction (in MW)	Selected volume of the Bid (in MW)
Alco Bio Fuel	CMU-34ZUx	SLA No Limit	Combined Heat and Power	Existing		1	12.5	12.5
ArcelorMittal Belgium	CMU-36kwQ	SLA No Limit	Combined Cycle Gas Turbine	Additional - new build		15	6	6
Centrica Business Solutions Belgium	CMU-349dt	SLA 1h	Small scale storage	Additional - new build		8	2.64	2.64
Centrica Business Solutions Belgium	CMU-33llu	SLA 8h	Demand side management	Existing		1	64.47	64.47
Electrabel	CMU-2xKYy	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing	1	1	263.74	263.74
Electrabel	CMU-2xL66	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing	1	1	143.29	143.29
Electrabel	CMU-2wq8W	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - new build	2	15	528.71	528.71
Electrabel	CMU-2wsfO	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - new build	2	15	276.64	276.64
Electrabel	CMU-2xLC6	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing	3	1	133.95	133.95
Electrabel	CMU-2xLEV	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing	3	1	133.95	133.95
Electrabel	CMU-2xLQV	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing	3	1	150.7	150.7
Electrabel	CMU-2xM11	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - other	4	1	139.5	139.5
Electrabel	CMU-2xM6M	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - other	4	1	139.5	139.5
Electrabel	CMU-2xM89	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - other	4	1	139.59	139.59
Electrabel	CMU-2wws0	Open Cycle Gas Turbine	Open Cycle Gas Turbine	Existing		1	38.7	38.7
Electrabel	CMU-2wUnW	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - new build	5	15	526.89	526.89
Electrabel	CMU-2wV30	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - new build	5	15	269.36	269.36
Electrabel	CMU-2xcO5	SLA No Limit	Turbojets	Existing		1	64	64
Electrabel	CMU-2zTy0	Combined Heat and Power	Combined Heat and Power	Existing		1	37.06	37.06
ExxonMobil Petroleum & Chemical	CMU-2z8Y5	Combined Heat and Power	Combined Heat and Power	Existing		1	106	21.2
ExxonMobil Petroleum & Chemical	CMU-2z8Y5	Combined Heat and Power	Combined Heat and Power	Existing		1	106	21.2
ExxonMobil Petroleum & Chemical	CMU-2z8Y5	Combined Heat and Power	Combined Heat and Power	Existing		1	106	21.2
ExxonMobil Petroleum & Chemical	CMU-2z8Y5	Combined Heat and Power	Combined Heat and Power	Existing		1	106	21.2
ExxonMobil Petroleum & Chemical	CMU-2z8Y5	Combined Heat and Power	Combined Heat and Power	Existing		1	106	21.2
Flexcity Belgium	CMU-2zPoD	SLA No Limit	Aggregated technologies	Existing		1	4	4
Flexcity Belgium	CMU-34vtN	SLA 8h	Emergency generator & Demand side management	Existing		1	4.16	4.16

Flexcity Belgium	CMU-33owX	SLA No Limit	Aggregated technologies	Existing		1	8	8
Flexcity Belgium	CMU-2wUZ1	SLA 8h	Emergency generator	Additional - other		1	4.16	4.16
Flexcity Belgium	CMU-2xJUF	SLA 8h	Aggregated technologies	Existing		1	5.46	5.46
Flexcity Belgium	CMU-32JMP	Combined Heat and Power	Combined Heat and Power	Additional - other		1	37.2	37.2
Flexcity Belgium	CMU-32JJK	Combined Heat and Power	Combined Heat and Power	Additional - other		1	37.2	37.2
Flexcity Belgium	CMU-2znKC	SLA No Limit	Demand side management	Existing		1	132.6	132.6
Flexcity Belgium	CMU-2xgpb	SLA No Limit	Aggregated technologies	Existing		1	6.2	6.2
Flexcity Belgium	CMU-2z2PN	SLA No Limit	Demand side management	Existing		1	90	90
Flexcity Belgium	CMU-2znKH	SLA No Limit	Combined Heat and Power & Demand side management	Existing		1	22	22
INEOS Oxide Utilities	CMU-34alb	Combined Heat and Power	Combined Heat and Power	Existing	6	1	42.87	42.87
INEOS Oxide Utilities	CMU-34aIW	Combined Heat and Power	Combined Heat and Power	Existing	6	1	42.87	42.87
INEOS Oxide Utilities	CMU-34XPB	Combined Heat and Power	Combined Heat and Power	Existing	6	1	46.5	46.5
Nala Renewables Belgium BV	CMU-36LFD	SLA 4h	Small scale storage	Additional - new build		15	8	8
Ruien Energy Storage	CMU-2xDYX	Energy-limited 4h	Large-scale batteries	Additional - new build		15	5.28	5.28
RWE Generation Nederland B.V.	CMU-307ED	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Additional - other		1	382.2	382.2
Storm 67	CMU-36KCI	Energy-limited 4h	Large-scale batteries	Additional - new build		15	25.2	25.2
Tessengerlo Group	CMU-308di	SLA No Limit	Combined Cycle Gas Turbine	Additional - other		1	12	12
Zandvliet Power	CMU-2zjll	Combined Cycle Gas Turbine	Combined Cycle Gas Turbine	Existing		1	354.61	354.61