SEM Capacity Market

Final Capacity Auction Results

2023/2024 T-4 Capacity Auction

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The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4, D04 FW28 Ireland.

Capacity Market Contact Details

If you have any questions in relation to this document please contact us using the details below:

Email Correspondence: capacitymarket@sem-o.com

Phone Correspondence: 1800 726772 (ROI) or 0800 0726772 (NI)

+353 (1) 2370584 (International)



Executive Summary

This report contains Final Capacity Auction Results for the T-4 Capacity Auction in respect of Capacity Year 2023/2024, which took place on the 27th of April 2020. The Capacity Auction summary results are presented below in Table 1.

Table 1 - Capacity Auction Summary Results

Capacity Auction Summary Results				
Parameter	Quantity/Number			
Auction Clearing Price (€/MW per year)	€46,149.00			
Auction Clearing Price (£/MW per year)	£43,666.18			
Average Price of Awarded Capacity (€/MW per year)	€49,518.80			
Average Price of Awarded Capacity (£/MW per year)	£46,854.68			
Total Awarded Capacity (MW)	7,322.471			
No. of Capacity Market Units Qualified for the Capacity Auction	172			
No. of Opt-Out Notifications submitted during Qualification	7			
No. of Capacity Market Units which submitted Capacity Auction Offers	124			
No. of Capacity Market Units allocated Awarded Capacity	115			

The Locational Capacity Constraints set in the Capacity Auction for Northern Ireland, Ireland and Greater Dublin were satisfied.

This report includes further details with respect to the Final Qualification Decisions for the 2023/2024 T-4 Capacity Auction as well as the Final Capacity Auction Results per individual CMU.



Introduction

In accordance with paragraph F.9.5.1A of the Capacity Market Code (CMC), this report contains Final Capacity Auction Results for the T-4 Capacity Auction, which took place on the 27th of April 2020, in respect of Capacity Year 2023/2024.

The Final Capacity Auction Results for the 2023/2024 T-4 Capacity Auction have been approved by the Regulatory Authorities in accordance with section F.9.3 of the CMC. In accordance with section D.1.1.1 of the CMC, the Capacity Year 2023/2024 is the period commencing at the start of the Trading Day beginning at 23:00 on 30th September 2023 and ending at the end of the Trading Day ending at 23:00 on 30th September 2024. 'MW' refers to a megawatt of de-rated capacity, unless otherwise stated. For prices specified in €/MW per year or £/MW per year, 'year' refers to a 12-month year, unless otherwise stated.

Final Qualification Decisions

A total of 196 Capacity Market Units sought to qualify for the 2023/2024 T-4 Capacity Auction, seeking to qualify a total of 12,448.735 MW of Nominated De-Rated Capacity. Of these, a total of 172 Capacity Market Units (CMUs) successfully qualified for the 2023/2024 T-4 Capacity Auction.

This equates to a total of 10,445.357 MW of Net De-Rated Capacity; 6,795.350 MW of Existing Net De-Rated Capacity and 3,650.007 MW of New Net De-Rated Capacity. Table 1 and Figure 1 provide a summary of Final Qualification Decisions by Technology Class for both Existing Capacity and New Capacity.

Qualified Capacity per Technology Class						
Technology Class	Net De-Rated Capacity (Existing) (MW)	Net De-Rated Capacity (New) (MW)	Total Net De-Rated Capacity (MW)			
Demand Side Unit	381.277	362.769	744.046			
Gas Turbine	4708.190	3159.374	7867.564			
Hydro	190.912	0.000	190.912			
Interconnector	422.9	0.000	422.9			
Other Storage	0.000	127.864	127.864			
Pumped Hydro Storage	228.344	0.000	228.344			
Steam Turbine	818.892	0.000	818.892			
Wind	44.835	0.000	44.835			
Total	6795.350	3650.007	10445.357			

Table 2 – Qualified Capacity per Technology Class



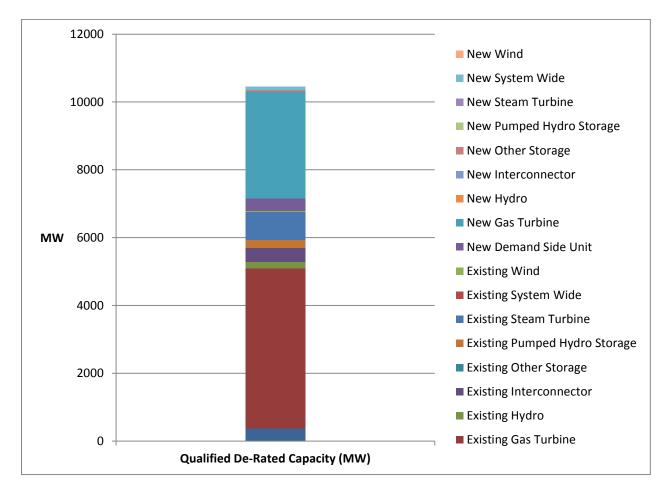


Figure 1 - Qualified CMUs per Technology Type

Opt-Out Notifications were submitted to the System Operators in respect of seven Capacity Market Units. Please refer to Appendix A for the full provision of Final Qualification Decisions per CMC Section F.9.5.1A (c).

Final Capacity Auction Results

Capacity Auction Offers were submitted in respect of 124 Capacity Market Units for the 2023/2024 T-4 Capacity Auction. A total of 8,413.442 MW of de-rated capacity was offered into the auction and the total successful de-rated capacity in the auction was 7322.471 MW. The Auction Clearing Price was 46,149.00 €/MW per year and 43,666.18 £/MW per year. The Capacity Auction Results and total Awarded Capacity for each CMU are listed in Table 3. A total of 115 Capacity Market Units were successfully Awarded Capacity in the 2023/2024 T-4 Capacity Auction.

A total of 44 Capacity Market Units were successfully Awarded New Capacity within the 2023/2024 T-4 Capacity Auction. Implementation Plans for these Capacity Market Units are listed in Table 4.



Table 3 – Final Capacity Auction Results

on (Years)
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CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
DSU_501460	ENDECO TECHNOLOGIES LIMITED	15.611	43,666.18	1
DSU_501510	Energy Trading Ireland Limited	8.064	43,666.18	1
DSU_501560	Powerhouse Generation Limited	12.475	43,666.18	1
DSU_501600	Energy Trading Ireland Limited	5.376	43,666.18	1
DSU_501610	Energy Trading Ireland Limited	4.877	43,666.18	1
DSU_503050	iPower Solutions Ltd	8.669	136,000.00	1
DSU_503420	iPower Solutions Ltd	3.836	43,666.18	1
DSU_503460	Electricity Exchange Limited	6.280	43,666.18	1
DSU_503480	iPower Solutions Ltd	4.928	43,666.18	1
DSU_503490	Energy Trading Ireland Limited	5.025	43,666.18	1
GU_400120	Aughinish Alumina Ltd	57.540	46,149.00	1
GU_400121	Aughinish Alumina Ltd	57.540	46,149.00	1
GU_400182	ESB	81.540	46,149.00	1
GU_400183	ESB	81.540	46,149.00	1
GU_400270	ESB	218.595	46,149.00	1
GU_400271	ESB	0.000	0.00	-
GU_400272	ESB	218.595	46,149.00	1
GU_400324	ESB	204.470	46,149.00	1
GU_400325	ESB	204.470	46,149.00	1
GU_400360	ESB	57.086	46,149.00	1
GU_400361	ESB	57.086	46,149.00	1
GU_400362	ESB	57.086	46,149.00	1
GU_400363	ESB	57.086	46,149.00	1
GU_400480	Huntstown Power Company	297.540	46,149.00	1
GU_400500	ESB	355.655	46,149.00	1
GU_400530	TYNAGH ENERGY LIMITED	344.400	46,149.00	1
GU_400540	Energia Power Generation Limited	344.400	46,149.00	1
GU_400762	SSE Generation Ireland Limited	392.080	46,149.00	1
GU_400770	SSE Generation Ireland Limited	47.034	46,149.00	1
GU_400771	SSE Generation Ireland Limited	47.034	46,149.00	1
GU_400780	SSE Generation Ireland Limited	47.216	46,149.00	1
GU_400781	SSE Generation Ireland Limited	47.216	46,149.00	1
GU_400850	ESB	367.210	46,149.00	1
GU_400930	Bord Gais ROI	377.400	46,149.00	1
GU_401010	Cushaling Power Ltd	52.664	46,149.00	1
GU_401011	Cushaling Power Ltd	52.664	46,149.00	1
GU_401230	Indaver Energy Limited	14.569	46,149.00	1
GU_401720	BRI Green Energy Ltd	1.728	46,149.00	1
GU_401860	Edenderry Supply Co	96.878	46,149.00	1
GU_402030	Dublin Waste to Energy Supply Ltd	51.660	46,149.00	1
GU_403000	Ronaver Energy Limited	1.824	46,149.00	1
GU_403450	Grange Backup Power Limited	104.026	46,149.00	10



CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
GU_403610	ESB	3.830	46,149.00	1
GU_403620	ESB	3.830	46,149.00	1
GU_403680	ESB	3.830	46,149.00	1
GU_403890	Winter Winds Ltd.	2.684	46,149.00	1
GU_403960	Ronaver Energy Limited	4.880	46,149.00	1
GU_404020	Energia Power Generation Limited	2.040	46,149.00	10
GU_404040	Energia Power Generation Limited	15.600	46,149.00	10
GU_404050	Energia Power Generation Limited	0.000	0.00	-
GU_404100	Energia Power Generation Limited	0.000	0.00	-
GU_404140	ESB	0.000	0.00	-
GU_404190	BRI Green Energy Ltd	3.024	46,149.00	1
GU_404200	BRI Green Energy Ltd	2.160	46,149.00	1
GU_404210	BRI Green Energy Ltd	4.080	46,149.00	1
GU_404220	Data and Power Hub Services Limited	52.664	46,149.00	10
GU_404230	Data and Power Hub Services Limited	52.664	46,149.00	10
GU_404260	SCOTTISHPOWER RENEWABLES (UK) LIMITED	11.000	46,149.00	1
GU_404270	SCOTTISHPOWER RENEWABLES (UK) LIMITED	0.741	46,149.00	1
GU_500040	ESB	359.100	43,666.18	1
GU_500041	ESB	47.673	43,666.18	1
GU_500283	EP BALLYLUMFORD LIMITED	52.301	43,666.18	1
GU_500284	EP BALLYLUMFORD LIMITED	52.301	43,666.18	1
GU_500820	EP KILROOT LIMITED	37.823	43,666.18	1
GU_500821	EP KILROOT LIMITED	37.823	43,666.18	1
GU_500824	EP KILROOT LIMITED	26.390	43,666.18	1
GU_500825	EP KILROOT LIMITED	26.390	43,666.18	1
GU_500900	CONTOURGLOBAL SOLUTIONS (NORTHERN IRELAND) LIMITED	2.755	43,666.18	1
GU_500904	CONTOURGLOBAL SOLUTIONS (NORTHERN IRELAND) LIMITED	11.021	43,666.18	1
GU_501130	iPower Solutions Ltd	56.870	43,666.18	1
GU_501230	Empower Generation Limited	11.969	43,666.18	1
GU_503220	Belfast Power Limited	0.000	0.00	-
GU_503320	Mullavilly Energy Limited	7.910	43,666.18	1
GU_503330	Drumkee Energy Limited	7.910	43,666.18	1
GU_503350	Energia Customer Solutions NI Limited	8.150	78,600.83	10
GU_503410	EP KILROOT LIMITED	0.000	0.00	-
GU_503430	EP KILROOT LIMITED	80.030	109,560.00	10
GU_503440	EP KILROOT LIMITED	258.060	109,510.00	10
GU_503720	EP BALLYLUMFORD LIMITED	218.912	43,666.18	1
GU_503730	EP BALLYLUMFORD LIMITED	218.912	43,666.18	1
GU_503740	EP BALLYLUMFORD LIMITED	88.328	43,666.18	1
I_NIMOYLE	Moyle Interconnector Limited	203.400	43,666.18	1
I_ROIEWIC	EIRGRID INTERCONNECTOR DESIGNATED ACTIVITY COMPANY	219.500	46,149.00	1



Table 4 – Awarded New Capacity Implementation Plans

	Party / Unit Details	Awarded Capacity	Timelines from Qualification Applications							
CMU ID	Company Name	Awarded New Capacity (MW)	Substantial Financial Completion	Commencement of Construction Works	Mechanical Completion	Completion of Network Connection	First Energy to Network	Start of Performance/ Acceptance Testing	Provisional Acceptance/ Completion of Performance Testing	Substantial Completion
DSU_401400	Electricity Exchange Limited	2.475	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_401530	ENDECO TECHNOLOGIES LIMITED	2.2	30/11/2019	N/A	N/A	31/08/2023	N/A	N/A	N/A	31/10/2023
DSU_401660	Powerhouse Generation Limited	0.71	Completed	N/A	N/A	Completed	N/A	N/A	N/A	06/02/2020
DSU_401880	Veolia Alternative Energy Ireland Limited	1.5	15/02/2020	N/A	N/A	15/02/2020	N/A	N/A	N/A	15/02/2020
DSU_401910	ENDECO TECHNOLOGIES LIMITED	0.757	30/11/2019	N/A	N/A	31/08/2023	N/A	N/A	N/A	31/10/2023
DSU_402090	Electricity Exchange Limited	2.51	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_402180	ENDECO TECHNOLOGIES LIMITED	1.089	30/11/2019	N/A	N/A	31/08/2023	N/A	N/A	N/A	31/10/2023
DSU_403080	EnerNOC Ireland Ltd	12.147	06/11/2021	N/A	N/A	01/04/2022	N/A	N/A	N/A	31/10/2023
DSU_403120	EnerNOC Ireland Ltd	12.5	06/11/2021	N/A	N/A	31/03/2021	N/A	N/A	N/A	31/10/2023
DSU_403450	EnerNOC Ireland Ltd	13.022	20/06/2019	N/A	N/A	30/08/2020	N/A	N/A	N/A	30/09/2020
DSU_403470	EnerNOC Ireland Ltd	9.375	20/06/2019	N/A	N/A	31/03/2020	N/A	N/A	N/A	30/09/2020
DSU_403510	Energy Trading Ireland Limited	4.48	01/10/2023	N/A	N/A	01/10/2023	N/A	N/A	N/A	01/10/2023
DSU_403520	Electricity Exchange Limited	0.603	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_403560	Electricity Exchange Limited	6.274	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_403630	Electricity Exchange Limited	9.375	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_403640	Electricity Exchange Limited	7.476	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023
DSU_501460	ENDECO TECHNOLOGIES LIMITED	5.821	30/11/2019	N/A	N/A	31/08/2023	N/A	N/A	N/A	31/10/2023
DSU_501510	Energy Trading Ireland Limited	0.258	01/10/2023	N/A	N/A	01/10/2023	N/A	N/A	N/A	01/10/2023
DSU_501560	Powerhouse Generation Limited	12.475	Completed	N/A	N/A	Completed	N/A	N/A	N/A	06/02/2020
DSU_501600	Energy Trading Ireland Limited	0.829	01/10/2023	N/A	N/A	01/10/2023	N/A	N/A	N/A	01/10/2023
DSU_501610	Energy Trading Ireland Limited	4.877	01/10/2023	N/A	N/A	01/10/2023	N/A	N/A	N/A	01/10/2023
DSU_503050	iPower Solutions Ltd	8.669	31/01/2020	31/01/2020	30/04/2020	31/07/2020	31/07/2020	31/07/2020	31/08/2020	30/09/2020
DSU_503420	iPower Solutions Ltd	3.836	Completed	N/A	N/A	Completed	N/A	N/A	01/10/2019	01/10/2019
DSU_503460	Electricity Exchange Limited	6.28	01/11/2021	N/A	N/A	01/05/2023	N/A	N/A	N/A	01/09/2023



	Party / Unit Details	Awarded Capacity	Timelines from Qualification Applications							
CMU ID	Company Name	Awarded New Capacity (MW)	Substantial Financial Completion	Commencement of Construction Works	Mechanical Completion	Completion of Network Connection	First Energy to Network	Start of Performance/ Acceptance Testing	Provisional Acceptance/ Completion of Performance Testing	Substantial Completion
DSU_503480	iPower Solutions Ltd	4.928	31/01/2020	31/01/2020	30/04/2020	31/07/2020	31/07/2020	31/07/2020	31/08/2020	30/09/2020
DSU_503490	Energy Trading Ireland Limited	5.025	01/10/2023	N/A	N/A	01/10/2023	N/A	N/A	N/A	01/10/2023
GU_403000	Ronaver Energy Limited	1.824	Complete	Complete	Complete	Complete	Complete	Complete	Complete	01/04/2020
GU_403450	Grange Backup Power Limited	104.026	03/12/2021	04/01/2022	31/05/2023	30/06/2023	30/06/2023	30/06/2023	31/08/2023	30/09/2023
GU_403610	ESB	3.83	01/09/2020	01/06/2021	01/08/2022	15/03/2022	01/08/2022	15/09/2022	15/09/2022	30/09/2022
GU_403620	ESB	3.83	01/09/2020	01/06/2021	01/08/2022	15/03/2022	01/08/2022	15/09/2022	15/09/2022	30/09/2022
GU_403680	ESB	3.83	01/09/2020	01/06/2021	01/08/2022	15/03/2022	01/08/2022	15/09/2022	15/09/2022	30/09/2022
GU_403890	Winter Winds Ltd.	2.684	01/04/2019	01/05/2019	01/12/2019	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/02/2020
GU_403960	Ronaver Energy Limited	4.88	Complete	Complete	01/03/2020	01/09/2019	01/03/2020	01/04/2020	01/06/2020	01/09/2020
GU_404020	Energia Power Generation Limited	2.04	07/11/2021	30/11/2022	30/04/2023	31/05/2023	31/05/2023	31/05/2023	31/08/2023	30/09/2023
GU_404040	Energia Power Generation Limited	15.6	07/11/2021	31/05/2022	30/04/2023	31/05/2023	31/05/2023	31/05/2023	31/08/2023	30/09/2023
GU_404220	Data and Power Hub Services Limited	52.664	03/12/2021	04/01/2022	31/05/2023	30/06/2023	30/06/2023	30/06/2023	31/08/2023	30/09/2023
GU_404230	Data and Power Hub Services Limited	52.664	03/12/2021	04/01/2022	31/05/2023	30/06/2023	30/06/2023	30/06/2023	31/08/2023	30/09/2023
GU_404260	SCOTTISHPOWER RENEWABLES (UK) LIMITED	11	30/11/2019	31/04/2020	31/06/2021	31/06/2021	31/07/2021	31/07/2021	31/08/2021	31/09/2021
GU_404270	SCOTTISHPOWER RENEWABLES (UK) LIMITED	0.741	14/11/2019	01/05/2020	01/08/2020	01/08/2020	14/08/2020	28/08/2020	14/09/2020	01/10/2020
GU_503320	Mullavilly Energy Limited	7.91	29/01/2020	30/03/2020	29/09/2020	29/11/2020	29/11/2020	29/11/2020	30/12/2020	30/12/2020
GU_503330	Drumkee Energy Limited	7.91	29/01/2020	30/03/2020	29/09/2020	29/11/2020	29/11/2020	29/11/2020	30/12/2020	30/12/2020
GU_503350	Energia Customer Solutions NI Limited	8.15	07/11/2021	31/05/2022	30/04/2023	31/05/2023	31/05/2023	31/05/2023	31/08/2023	30/09/2023
GU_503430	EP KILROOT LIMITED	80.03	01/11/2021	01/06/2022	01/05/2023	01/04/2023	01/07/2023	01/08/2023	01/09/2023	30/09/2023
GU_503440	EP KILROOT LIMITED	258.06	01/11/2021	01/06/2022	01/05/2023	01/04/2023	01/07/2023	01/08/2023	01/09/2023	30/09/2023



Capacity Auction Results by Locational Capacity Constraint Area

Table 5 and Table 6 provide details relating to the total successful and unsuccessful capacity in the auction for Ireland, Northern Ireland and Greater Dublin. The values are given in terms of De-rated Capacity.

Table 5 – Total Capacity per Locational Capacity Constraint Area

Total Capacity (MW)	Northern Ireland	Ireland	Greater Dublin	Market Total
De-Rated Quantity Offered	2516.158	5897.284	1998.472	8413.442
De-Rated Quantity Successful	1924.331	5398.140	1765.052	7322.471
De-Rated Quantity Unsuccessful	591.827	499.144	233.420	1090.971

A total of 761.164 MW of De-rated New Capacity was successful in the auction. This comprised of gas generation, demand side units and storage.

Table 6 - New Capacity Locational Constraint Area

New Capacity (MW)	Northern Ireland	Ireland	Greater Dublin	Market Total
De-Rated Quantity Offered	1006.885	611.212	471.904	1618.097
De-Rated Quantity Successful	415.058	346.106	238.484	761.164
De-Rated Quantity Unsuccessful	591.827	265.106	233.420	856.933



Appendix A

Full provision of the Final Qualification Decisions information per Section F.9.5.1 (c) of the CMC can be found via the following Excel report:

• Final Qualification Decisions

Appendix B

The Final Capacity Auction Results can be accessed via Excel report using the link provided below:

• Final Capacity Auction Results



Glossary

Term	Description
Company Name	Name under which a company registered as a Party to the Trading and Settlement Code and Capacity Market Code.
CMU ID	A unique identifier that identifies the Generator Unit or Interconnector Unit that is qualified by the System Operators to participate in a Capacity Auction under the Capacity Market Code.
Net De-Rated Capacity (New) (MW)	A megawatt value of capacity in respect of a new Unit that is adjusted with a de-rating factor to take account of the reliability of that Unit.
Net De-Rated Capacity (Existing) (MW)	A megawatt value of capacity in respect of an existing Unit that is adjusted with a de-rating factor to take account of the reliability of that Unit.
De-Rated Capacity (Total) (MW)	A megawatt value of capacity in respect of the total of new and existing capacity for a Unit that is adjusted with a derating factor to take account of the reliability of that Unit.
Technology Class	Technology applicable to a Generator Unit or Interconnector Unit.
Awarded Capacity (MW)	De-rated capacity that must be dedicated and made available by the Generator Unit or Interconnector Unit that makes up the Capacity Market Unit.
Capacity Payment Price (EUR/MW) or (GBP/MW)	This is price at which the Participant is paid in respect of the Awarded Capacity. It is the higher of the Auction Clearing Price and Capacity Auction Offer.

