

SEM Capacity Market

Final Capacity Auction Results 2020/2021 T-1 Capacity Auction

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Executive Summary

This report contains Final Capacity Auction Results for the T-1 Capacity Auction in respect of Capacity Year 2020/2021, which took place on the 26th of November 2019. 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)	€46,150
Auction Clearing Price (£/MW per year)	£40,598.16
Average Price of Awarded Capacity (€/MW per year)	€47,373
Average Price of Awarded Capacity (£/MW per year)	£41,672.24
Total Awarded Capacity (MW)	7,605.549
No. of Capacity Market Units Qualified for the Capacity Auction	106
No. of Opt-Out Notifications submitted during Qualification	3
No. of Capacity Market Units which submitted Capacity Auction Offers	101
No. of Capacity Market Units allocated Awarded Capacity	98

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 2020/2021 T-1 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-1 Capacity Auction, which took place on the 26th of November 2019, in respect of Capacity Year 2020/2021.

The Final Capacity Auction Results for the 2020/2021 T-1 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 2020/2021 is the period commencing at the start of the Trading Day beginning at 23:00 on 30th September 2020 and ending at the end of the Trading Day ending at 23:00 on 30th September 2021. '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 116 Capacity Market Units sought to qualify for the 2020/2021 T-1 Capacity Auction, seeking to qualify a total of 8582.479 MW of Nominated De-Rated Capacity. Of these, a total of 106 Capacity Market Units (CMUs) successfully qualified for the 2020/2021 T-1 Capacity Auction.

This equates to a total of 7,873.796 MW of Net De-Rated Capacity; 7,595.582 MW of Existing Capacity and 278.215 MW of New Capacity. Table 1 and Figure 1 provide a summary of Final Qualification Decisions by Technology Class for both Existing Capacity and New Capacity.

Table 2 – Qualified Capacity per Technology Class

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	295.393	256.762	552.155
Gas Turbine	4673.716	15.036	4688.751
Hydro	192.389	0	192.389
Interconnector	418.6	0	418.6
Other Storage	0	6.417	6.417
Pumped Hydro Storage	220.752	0	220.752
Steam Turbine	1771.191	0	1771.191
Wind	23.541	0	23.541
Total	7595.582	278.215	7873.796

Table 3 – Final Capacity Auction Results

CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
CAU_400301	ESB	192.388	46,150	1
CAU_400302	ESB	6.712	46,150	1
CAU_400500	SSE Airtricity Limited	11.006	46,150	1
DSU_401270	EnerNOC Ireland Limited	42.002	46,150	1
DSU_401330	ESB	10.951	46,150	1
DSU_401400	Electricity Exchange Limited	29.78	46,150	1
DSU_401490	Veolia Alternative Energy Ireland Limited	10.422	46,150	1
DSU_401530	ENDECO TECHNOLOGIES LIMITED	25.515	46,150	1
DSU_401590	Energia Customer Solutions	4.28	46,150	1
DSU_401610	EnerNOC Ireland Limited	11.134	46,150	1
DSU_401620	EnerNOC Ireland Limited	7.823	46,150	1
DSU_401660	Powerhouse Generation Limited	4.934	46,150	1
DSU_401800	EnerNOC Ireland Limited	8.454	46,150	1
DSU_401850	EnerNOC Ireland Limited	8.568	46,150	1
DSU_401870	Electricity Exchange Limited	25.102	46,150	1
DSU_401880	Veolia Alternative Energy Ireland Limited	15.75	46,150	1
DSU_401910	ENDECO TECHNOLOGIES LIMITED	6.603	46,150	1
DSU_402040	Energia Customer Solutions	0	0	1
DSU_402090	Electricity Exchange Limited	15.898	46,150	1
DSU_402100	Electricity Exchange Limited	9.414	46,150	1
DSU_402120	Electricity Exchange Limited	11.065	46,150	1
DSU_402180	ENDECO TECHNOLOGIES LIMITED	8.868	46,150	1
DSU_403020	EnerNOC Ireland Limited	8.653	46,150	1
DSU_403030	EnerNOC Ireland Limited	8.959	46,150	1
DSU_403040	EnerNOC Ireland Limited	9.145	46,150	1
DSU_403050	EnerNOC Ireland Limited	8.959	46,150	1
DSU_403080	EnerNOC Ireland Limited	3.756	46,150	1
DSU_403120	EnerNOC Ireland Limited	5.542	46,150	1
DSU_403450	EnerNOC Ireland Limited	11.703	46,150	1
DSU_403470	EnerNOC Ireland Limited	8.4	46,150	1
DSU_403520	Electricity Exchange Limited	8.4	46,150	1
DSU_403560	Electricity Exchange Limited	5.614	46,150	1
DSU_403620	Energy Trading Ireland Limited	2.81	46,150	1
DSU_501200	AC Automation (UK) Ltd	6.824	40,598.16	1
DSU_501330	Powerhouse Generation Limited	11.754	40,598.16	1
DSU_501380	Energy Trading Ireland Limited	7.486	40,598.16	1
DSU_501450	EnerNOC Ireland Limited	5.083	40,598.16	1
DSU_501460	ENDECO TECHNOLOGIES LIMITED	12.505	40,598.16	1

CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
DSU_501510	Energy Trading Ireland Limited	4.896	40,598.16	1
DSU_501560	Powerhouse Generation Limited	11.455	40,598.16	1
DSU_501600	Energy Trading Ireland Limited	8.659	40,598.16	1
DSU_503460	Electricity Exchange Limited	3.091	40,598.16	1
DSU_503480	iPower Solutions Ltd	4.923	40,598.16	1
GU_400120	Aughinish Alumina Ltd	57.472	46,150	1
GU_400121	Aughinish Alumina Ltd	57.472	46,150	1
GU_400181	ESB	0	0	1
GU_400182	ESB	81.45	46,150	1
GU_400183	ESB	81.45	46,150	1
GU_400270	ESB	217.17	46,150	1
GU_400271	ESB	217.17	46,150	1
GU_400272	ESB	217.17	46,150	1
GU_400324	ESB	204.01	46,150	1
GU_400325	ESB	204.01	46,150	1
GU_400360	ESB	55.188	46,150	1
GU_400361	ESB	55.188	46,150	1
GU_400362	ESB	55.188	46,150	1
GU_400363	ESB	55.188	46,150	1
GU_400430	ESB	3.995	46,150	1
GU_400480	Huntstown Power Company	296.172	46,150	1
GU_400500	ESB	353.165	46,150	1
GU_400530	TYNAGH ENERGY LIMITED	342	46,150	1
GU_400540	Energia Power Generation Limited	342	46,150	1
GU_400750	SSE Generation Ireland Limited	45.414	46,150	1
GU_400751	SSE Generation Ireland Limited	45.414	46,150	1
GU_400752	SSE Generation Ireland Limited	187.265	46,150	1
GU_400753	SSE Generation Ireland Limited	187.265	46,150	1
GU_400762	SSE Generation Ireland Limited	389.296	46,150	1
GU_400770	SSE Generation Ireland Limited	46.931	46,150	1
GU_400771	SSE Generation Ireland Limited	46.931	46,150	1
GU_400780	SSE Generation Ireland Limited	47.112	46,150	1
GU_400781	SSE Generation Ireland Limited	47.112	46,150	1
GU_400850	ESB	364.626	46,150	1
GU_400850	ESB	10.954	46,150	10
GU_400930	Bord Gais ROI	374.736	46,150	1
GU_401010	Cushaling Power Ltd	52.548	46,150	1
GU_401011	Cushaling Power Ltd	52.548	46,150	1
GU_401230	Indaver Energy Limited	14.484	46,150	1
GU_401720	BRI Green Energy Ltd	1.828	46,150	1
GU_401860	Edenderry Supply Co	96.878	46,150	1

CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
GU_402030	Dublin Waste to Energy Supply Ltd.	51.537	46,150	1
GU_403000	Ronaver Energy Limited	1.814	46,150	1
GU_403890	Winter Winds Ltd.	2.277	46,150	1
GU_403960	Ronaver Energy Limited	4.14	46,150	1
GU_500040	ESB	356.581	40,598.16	1
GU_500041	ESB	0	0	1
GU_500130	Power NI Energy Limited Power Procurement Business (PPB)	218.348	40,598.16	1
GU_500131	Power NI Energy Limited Power Procurement Business (PPB)	218.348	40,598.16	1
GU_500140	Power NI Energy Limited Power Procurement Business (PPB)	89.052	40,598.16	1
GU_500283	EP BALLYLUMFORD LIMITED	52.548	40,598.16	1
GU_500284	EP BALLYLUMFORD LIMITED	52.548	40,598.16	1
GU_500820	EP KILROOT LIMITED	37.699	40,598.16	1
GU_500821	EP KILROOT LIMITED	37.699	40,598.16	1
GU_500822	EP KILROOT LIMITED	197.571	62,560	1
GU_500823	EP KILROOT LIMITED	199.63	59,940	1
GU_500824	EP KILROOT LIMITED	26.455	40,598.16	1
GU_500825	EP KILROOT LIMITED	26.455	40,598.16	1
GU_500900	CONTOURGLOBAL SOLUTIONS (NORTHERN IRELAND) LIMITED	2.74	40,598.16	1
GU_500904	CONTOURGLOBAL SOLUTIONS (NORTHERN IRELAND) LIMITED	10.96	40,598.16	1
GU_501130	iPower Solutions Ltd	56.558	40,598.16	1
GU_501230	Empower Generation Limited	11.903	40,598.16	1
I_NIMOYLE	Moyle Interconnector Limited	201.6	40,598.16	1
I_ROIEWIC	EIRGRID INTERCONNECTOR DESIGNATED ACTIVITY COMPANY	217	46,150	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_503460	Electricity Exchange Limited	3.091	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_403560	Electricity Exchange Limited	5.614	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_403520	Electricity Exchange Limited	8.4	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_501560	Powerhouse Generation Limited	11.455	Complete	N/A	N/A	Complete	N/A	N/A	N/A	06/02/2020
GU_403890	Winter Wind Ltd	2.277	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	4.14	Complete	Complete	01/03/2020	01/09/2019	01/03/2020	01/04/2020	01/06/2020	01/09/2020
DSU_401660	Powerhouse Generation Limited	0.635	Complete	N/A	N/A	Complete	N/A	N/A	N/A	06/02/2020
DSU_402100	Electricity Exchange Limited	2.707	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_402120	Electricity Exchange Limited	3.389	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_401400	Electricity Exchange Limited	6.216	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_401870	Electricity Exchange Limited	7.129	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
DSU_402090	Electricity Exchange Limited	9.632	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
GU_501230	Empower Generation Limited	4.081	10/06/2019	N/A	N/A	30/06/2019	N/A	N/A	N/A	31/08/2019
DSU_403620	Energy Trading Ireland Limited	2.81	01/10/2020	N/A	N/A	01/10/2020	N/A	N/A	N/A	01/10/2020
DSU_503480	iPower Solutions Ltd	4.923	31/07/2019	N/A	N/A	31/08/2019	N/A	N/A	N/A	30/09/2019
DSU_501600	Energy Trading Ireland Limited	4.117	01/10/2020	N/A	N/A	01/10/2020	N/A	N/A	N/A	01/10/2020
DSU_403470	EnerNOC Ireland Limited	8.4	20/06/2019	N/A	N/A	31/03/2020	N/A	N/A	N/A	30/09/2020
DSU_403450	EnerNOC Ireland Limited	11.703	20/06/2019	N/A	N/A	06/06/2019	N/A	N/A	N/A	31/09/2020
DSU_403050	EnerNOC Ireland Limited	8.959	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2020
DSU_403030	EnerNOC Ireland Limited	8.959	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2020
DSU_403040	EnerNOC Ireland Limited	9.145	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2020
DSU_401270	EnerNOC Ireland Limited	2.635	01/02/2018	N/A	N/A	01/02/2018	N/A	N/A	N/A	30/09/2020
DSU_401610	EnerNOC Ireland Limited	3.91	01/01/2019	N/A	N/A	30/03/2020	N/A	N/A	N/A	30/09/2020
DSU_501460	Endeco Technologies Limited	5.152	30/09/2019	N/A	N/A	30/11/2019	N/A	N/A	N/A	31/01/2020
DSU_401530	Endeco Technologies Limited	3.172	30/09/2019	N/A	N/A	30/11/2019	N/A	N/A	N/A	31/01/2020
GU_400850	ESB	10.954	29/10/2019	N/A	N/A	N/A	N/A	N/A	N/A	29/10/2019
DSU_401910	Endeco Technologies Limited	0.433	30/09/2019	N/A	N/A	30/11/2019	N/A	N/A	N/A	31/01/2020
DSU_401880	Veolia Alternative Energy Ireland Limited	1.5	31/01/2020	N/A	N/A	31/01/2020	N/A	N/A	N/A	31/01/2020

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	1920.939	5827.928	1511.455	7748.867
De-Rated Quantity Successful	1873.371	5732.178	1511.455	7605.549
De-Rated Quantity Unsuccessful	47.568	95.750	0	143.318

A total of 155.538 MW of De-rated New Capacity was successful in the auction. This consisted of gas generation, demand side units and other storage.

Table 6 – New Capacity Locational Constraint Area

New Capacity (MW)	Northern Ireland	Ireland	Greater Dublin	Market Total
De-Rated Quantity Offered	32.819	122.719	27.063	155.538
De-Rated Quantity Successful	32.819	122.719	27.063	155.538
De-Rated Quantity Unsuccessful	0	0	0	0

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 de-rating 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.

