

# SEM Capacity Market

## Provisional Capacity Auction Results 2021/2022 T-2 Capacity Auction

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## Executive Summary

This report contains provisional Capacity Auction Results for the T-2 Capacity Auction in respect of Capacity Year 2021/2022, which took place on the 5<sup>th</sup> of December 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)	€45,950.00
Auction Clearing Price (£/MW per year)	£40,969.02
Average Price of Awarded Capacity (€/MW per year)	€47,704.00
Average Price of Awarded Capacity (£/MW per year)	£42,532.89
Total Awarded Capacity (MW)	7,511.541
No. of Capacity Market Units Qualified for the Capacity Auction	122
No. of Opt-Out Notifications submitted during Qualification	3
No. of Capacity Market Units which submitted Capacity Auction Offers	104
No. of Capacity Market Units allocated Awarded Capacity	101

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 2021/2022 T-2 Capacity Auction as well as the Provisional Capacity Auction Results per individual CMU.

## Introduction

In accordance with paragraph F.9.5.1A of the Capacity Market Code (CMC), this report contains provisional Capacity Auction Results for the T-2 Capacity Auction, which took place on the 5<sup>th</sup> of December 2019, in respect of Capacity Year 2021/2022.

The Final Capacity Auction Results for the 2021/2022 T-2 Capacity Auction are expected to be published on or before 30<sup>th</sup> of January 2020 following approval 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 2021/2022 is the period commencing at the start of the Trading Day beginning at 23:00 on 30<sup>th</sup> September 2021 and ending at the end of the Trading Day ending at 23:00 on 30<sup>th</sup> September 2022. '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 130 Capacity Market Units sought to qualify for the 2021/2022 T-2 Capacity Auction, seeking to qualify a total of 8,851.302 MW of Nominated De-Rated Capacity. Of these, a total of 122 Capacity Market Units (CMUs) successfully qualified for the 2021/2022 T-2 Capacity Auction.

This equates to a total of 8,017.688 MW of Net De-Rated Capacity; 7,610.278 MW of Existing Net De-Rated Capacity and 407.407 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.

**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	303.048	332.704	635.752
Gas Turbine	4673.716	15.036	4688.751
Hydro	192.386	0.000	192.386
Interconnector	418.600	0.000	418.600
Other Storage	0.000	53.567	53.567
Pumped Hydro Storage	220.752	0.000	220.752
Steam Turbine	1771.189	0.000	1771.189
Wind	30.589	6.101	36.690
<b>Total</b>	<b>7610.280</b>	<b>407.407</b>	<b>8017.687</b>

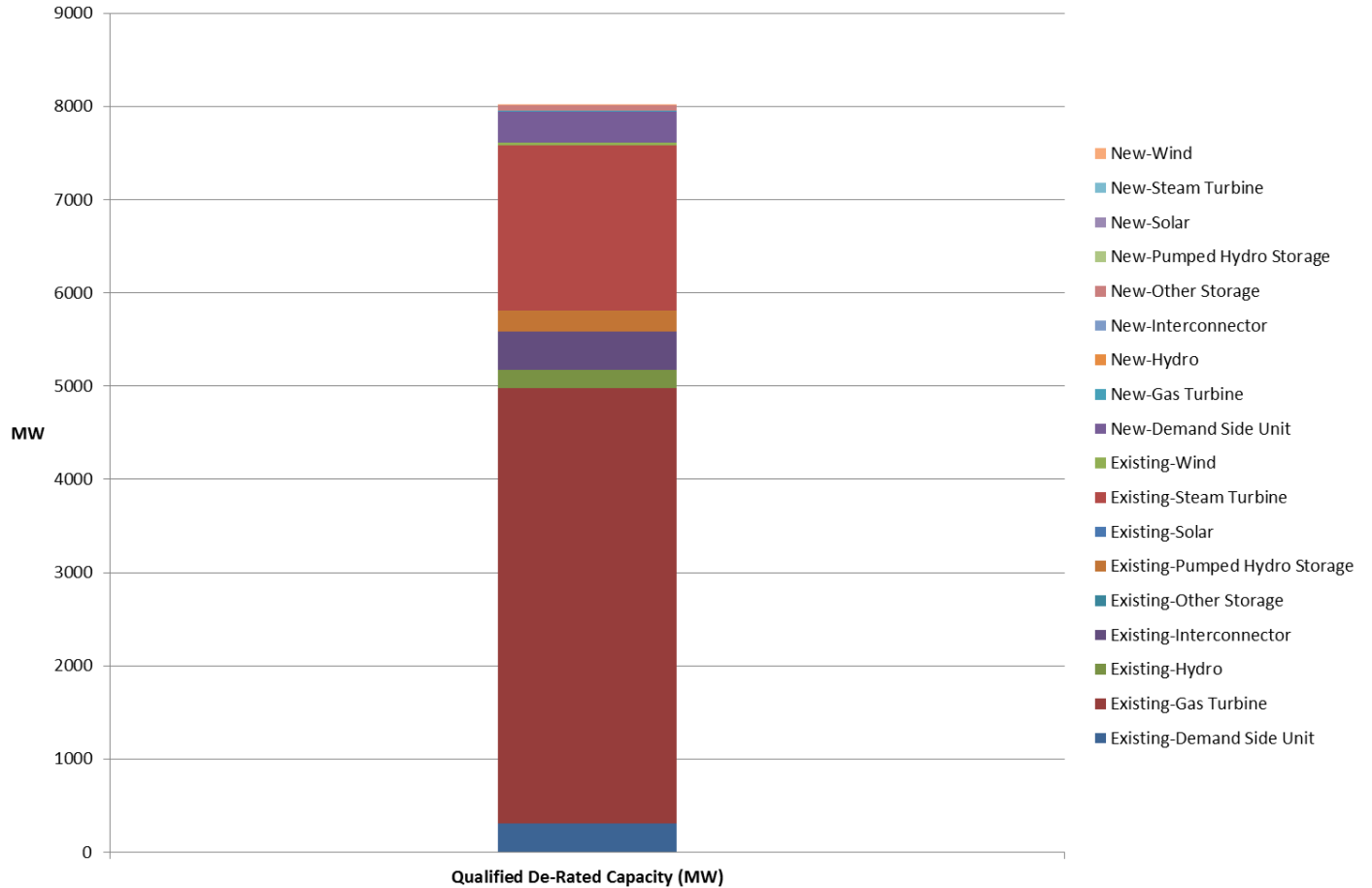


Figure 1 - Qualified CMUs per Technology Type

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

**Provisional Capacity Auction Results**

Capacity Auction Offers were submitted in respect of 104 Capacity Market Units for the 2021/2022 T-2 Capacity Auction. A total of 7790.583 MW of de-rated capacity was offered into the auction and the total successful de-rated capacity in the auction was 7511.541 MW. The Auction Clearing Price was 45,950.00 €/MW per year and 40,969.02 £/MW per year. The Capacity Auction Results and total Awarded Capacity for each CMU are listed in Table 3. A total of 101 Capacity Market Units were successfully Awarded Capacity in the 2021/2022 T-1 Capacity Auction

A total of 31 Capacity Market Units were successfully Awarded New Capacity within the 2021/2022 T-2 Capacity Auction. Implementation Plans for these Capacity Market Units are listed in Table 4.

Table 3 – Provisional Capacity Auction Results

CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
CAU_400301	ESB	192.386	45950	1
CAU_400302	ESB	6.711	45950	1
CAU_400500	SSE Airtricity Limited	18.055	45950	1
DSU_401270	EnerNOC Ireland Limited	42.001	45950	1
DSU_401330	ESB	10.951	45950	1
DSU_401400	Electricity Exchange Limited	44.802	45950	1
DSU_401490	Veolia Alternative Energy Ireland Limited	10.421	45950	1
DSU_401530	Endeco Technologies Limited	25.515	45950	1
DSU_401590	Energia Customer Solutions	4.280	45950	1
DSU_401610	EnerNOC Ireland Limited	11.154	45950	1
DSU_401620	EnerNOC Ireland Limited	7.823	45950	1
DSU_401660	Powerhouse Generation	4.934	45950	1
DSU_401800	EnerNOC Ireland Limited	8.453	45950	1
DSU_401850	EnerNOC Ireland Limited	8.568	45950	1
DSU_401870	Electricity Exchange	25.102	45950	1
DSU_401880	Veolia Alternative Energy Ireland Limited	15.750	45950	1
DSU_401910	Endeco Technologies Limited	6.603	45950	1
DSU_402040	Energia Customer Solutions	0.000	0	1
DSU_402090	Electricity Exchange	15.898	45950	1
DSU_402100	Electricity Exchange	9.414	45950	1
DSU_402120	Electricity Exchange	11.065	45950	1
DSU_402180	Endeco Technologies Limited	9.074	45950	1
DSU_403020	EnerNOC Ireland Limited	8.652	45950	1
DSU_403030	EnerNOC Ireland Limited	8.959	45950	1
DSU_403040	EnerNOC Ireland Limited	9.145	45950	1
DSU_403050	EnerNOC Ireland Limited	8.959	45950	1
DSU_403080	EnerNOC Ireland Limited	3.755	45950	1
DSU_403120	EnerNOC Ireland Limited	16.424	45950	1
DSU_403450	EnerNOC Ireland Limited	11.703	45950	1
DSU_403470	EnerNOC Ireland Limited	8.400	45950	1
DSU_403520	Electricity Exchange Limited	8.202	45950	1
DSU_403560	Electricity Exchange Limited	5.614	45950	1
DSU_403620	Energy Trading Ireland Limited	2.810	45950	1
DSU_501200	AC Automation (UK) Ltd	6.824	40969.02	1
DSU_501330	Powerhouse Generation	11.754	40969.02	1
DSU_501380	Energy Trading Ireland Limited	7.485	40969.02	1
DSU_501450	EnerNOC Ireland Limited	5.082	40969.02	1
DSU_501460	Endeco Technologies Limited	12.505	40969.02	1
DSU_501510	Energy Trading Ireland Limited	4.896	40969.02	1

CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
DSU_501560	Powerhouse Generation Limited	11.455	40969.02	1
DSU_501590	Energy Trading Ireland Limited	17.855	40969.02	10
DSU_501600	Energy Trading Ireland Limited	4.542	40969.02	1
DSU_503460	Electricity Exchange Limited	3.091	40969.02	1
DSU_503480	iPower Solutions Ltd	4.923	40969.02	1
GU_400120	Aughinish Alumina Ltd	57.472	45950	1
GU_400121	Aughinish Alumina Ltd	57.472	45950	1
GU_400181	ESB	81.450	45950	1
GU_400182	ESB	81.450	45950	1
GU_400183	ESB	81.450	45950	1
GU_400270	ESB	217.170	45950	1
GU_400271	ESB	0.000	0	1
GU_400272	ESB	217.170	45950	1
GU_400324	ESB	204.010	45950	1
GU_400325	ESB	204.010	45950	1
GU_400360	ESB	55.188	45950	1
GU_400361	ESB	55.188	45950	1
GU_400362	ESB	55.188	45950	1
GU_400363	ESB	55.188	45950	1
GU_400430	ESB	3.995	45950	1
GU_400480	Huntstown Power Company	296.172	45950	1
GU_400500	ESB	353.165	45950	1
GU_400530	Tynagh Energy Limited	342.000	45950	1
GU_400540	Energia Power Generation Ltd	342.000	45950	1
GU_400750	SSE Generation Ireland	45.414	45950	1
GU_400751	SSE Generation Ireland	45.414	45950	1
GU_400752	SSE Generation Ireland	187.264	45950	1
GU_400753	SSE Generation Ireland	187.264	45950	1
GU_400762	SSE Generation Ireland	389.296	45950	1
GU_400770	SSE Generation Ireland	46.931	45950	1
GU_400771	SSE Generation Ireland	46.931	45950	1
GU_400780	SSE Generation Ireland	47.112	45950	1
GU_400781	SSE Generation Ireland	47.112	45950	1
GU_400850	ESB	364.626	45950	1
GU_400930	Bord Gais ROI	374.736	45950	1
GU_401010	Cushaling Power	52.548	45950	1
GU_401011	Cushaling Power	52.548	45950	1
GU_401230	Indaver Energy	14.484	45950	1
GU_401720	BRI Green Energy Ltd	1.828	45950	1
GU_401860	Edenderry Supply Co	96.877	45950	1
GU_402030	Dublin Waste to Energy Supply	51.537	45950	1



CMU ID	Party Name	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
GU_403000	Ronaver Energy Limited	1.814	45950	1
GU_403890	Winter Wind Ltd	2.277	45950	1
GU_403960	Ronaver Energy Limited	4.140	45950	1
GU_500040	ESB	356.581	40969.02	1
GU_500041	ESB	0.000	0	1
GU_500130	Power NI Energy Limited	218.348	40969.02	1
GU_500131	Power NI Energy Limited	218.348	40969.02	1
GU_500140	Power NI Energy Limited	89.052	40969.02	1
GU_500283	AES Ballylumford	52.548	40969.02	1
GU_500284	AES Ballylumford	52.548	40969.02	1
GU_500820	AES Kilroot Power	37.699	40969.02	1
GU_500821	AES Kilroot Power	37.699	40969.02	1
GU_500822	EP Kilroot Limited	197.571	71940	1
GU_500823	EP Kilroot Limited	199.630	69170	1
GU_500824	AES Kilroot Power	26.455	40969.02	1
GU_500825	AES Kilroot Power	26.455	40969.02	1
GU_500900	ContourGlobal Solutions	2.740	40969.02	1
GU_500904	ContourGlobal Solutions	10.960	40969.02	1
GU_501130	iPower	56.558	40969.02	1
GU_501230	Empower Generation	11.903	40969.02	1
GU_503340	Craiggore Energy Limited	2.209	40969.02	10
GU_503360	Evishagaran Wind Farm Ltd	3.751	40969.02	10
I_NIMOYLE	Moyle Interconnector	201.600	40969.02	1
I_ROIEWIC	EirGrid Interconnector DAC	217.000	45950	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_401270	EnerNOC Ireland Limited	2.635	01/02/2018	N/A	N/A	01/02/2018	N/A	N/A	N/A	30/09/2021
DSU_401400	Electricity Exchange Limited	21.238	01/05/2020	N/A	N/A	01/04/2020	N/A	N/A	N/A	01/05/2020
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
DSU_401610	EnerNOC Ireland Limited	3.930	01/01/2019	N/A	N/A	30/03/2020	N/A	N/A	N/A	30/09/2021
DSU_401660	Powerhouse Generation Limited	0.635	Complete	N/A	N/A	Complete	N/A	N/A	N/A	06/02/2020
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_401880	Veolia Alternative Energy Ireland Limited	1.500	31/01/2020	N/A	N/A	31/01/2020	N/A	N/A	N/A	31/01/2020
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_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
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_402180	Endeco Technologies Limited	0.206	30/09/2019	N/A	N/A	30/11/2019	N/A	N/A	N/A	31/01/2020
DSU_403030	EnerNOC Ireland Limited	8.959	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2021
DSU_403040	EnerNOC Ireland Limited	9.145	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2021
DSU_403050	EnerNOC Ireland Limited	8.959	31/03/2018	N/A	N/A	31/07/2019	N/A	N/A	N/A	30/09/2021
DSU_403120	EnerNOC Ireland Limited	10.882	30/09/2020	N/A	N/A	31/03/2021	N/A	N/A	N/A	30/09/2021
DSU_403450	EnerNOC Ireland Limited	11.703	20/06/2019	N/A	N/A	06/06/2019	N/A	N/A	N/A	30/09/2021
DSU_403470	EnerNOC Ireland Limited	8.400	20/06/2019	N/A	N/A	31/07/2020	N/A	N/A	N/A	30/09/2021
DSU_403520	Electricity Exchange Limited	0.540	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_403620	Energy Trading Ireland Limited	2.810	01/10/2020	N/A	N/A	01/10/2020	N/A	N/A	N/A	01/10/2020
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_501560	Powerhouse Generation Limited	11.455	Complete	N/A	N/A	Complete	N/A	N/A	N/A	06/02/2020
DSU_501590	Energy Trading Ireland Limited	17.855	01/10/2021	N/A	N/A	01/10/2021	N/A	N/A	N/A	01/10/2021
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_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
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	4.140	Complete	Complete	01/03/2020	01/09/2019	01/03/2020	01/04/2020	01/06/2020	01/09/2020
GU_501230	Empower Generation	4.081	10/06/2019	N/A	N/A	30/06/2019	N/A	N/A	N/A	31/08/2019
GU_503340	Craiggorr Energy Limited	2.209	01/04/2020	01/02/2020	01/05/2021	01/06/2021	01/06/2021	01/08/2021	01/09/2021	01/09/2021
GU_503360	Evishagaran Wind Farm Ltd	3.751	01/09/2021	01/06/2020	01/05/2021	01/06/2021	01/06/2021	01/08/2021	01/09/2021	01/09/2021

## 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	1940.64	4338.49	1511.453	7790.583
De-Rated Quantity Successful	1893.067	4107.021	1511.453	7511.541
De-Rated Quantity Unsuccessful	47.573	231.469	0	279.042

A total of 182.552 MW of De-rated New Capacity was successful in the auction. This comprised of gas generation, demand side units, storage and wind.

**Table 6 – New Capacity Locational Constraint Area**

New Capacity (MW)	Northern Ireland	Ireland	Greater Dublin	Market Total
De-Rated Quantity Offered	52.522	102.972	27.063	182.557
De-Rated Quantity Successful	52.517	102.972	27.063	182.552
De-Rated Quantity Unsuccessful	0.005	0	0	0.005

## 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 Provisional Capacity Auction Results can be accessed via Excel report using the link provided below:

- [Provisional Capacity Auction Results](#)

## Glossary

Term	Description
<b>Company Name</b>	Name under which a company registered as a Party to the Trading and Settlement Code and Capacity Market Code.
<b>CMU ID</b>	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.
<b>Net De-Rated Capacity (New) (MW)</b>	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.
<b>Net De-Rated Capacity (Existing) (MW)</b>	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.
<b>De-Rated Capacity (Total) (MW)</b>	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.
<b>Technology Class</b>	Technology applicable to a Generator Unit or Interconnector Unit.
<b>Awarded Capacity (MW)</b>	De-rated capacity that must be dedicated and made available by the Generator Unit or Interconnector Unit that makes up the Capacity Market Unit.
<b>Capacity Payment Price (EUR/MW) or (GBP/MW)</b>	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.

