

# Final Capacity Auction Results

2019/2020 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 2019/2020, which took place on the 13<sup>th</sup> of December 2018. 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)	40,645.66
Auction Clearing Price (£/MW per year)	36,890.00
Average Price of Awarded Capacity (€/MW per year)	41,718.90
Average Price of Awarded Capacity (£/MW per year)	37,864.07
Total Awarded Capacity (MW)	8,266
No. of Capacity Market Units Qualified for the Capacity Auction	105
No. of Opt-Out Notifications submitted during Qualification.	3
No. of Capacity Market Units which submitted Capacity Auction Offers	100
No. of Capacity Market Units allocated Awarded Capacity	95

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 2019/2020 T-1 Capacity Auction as well as the Final Capacity Auction Results per individual CMU.

## Introduction

In accordance with paragraph F.9.5.1 of the Capacity Market Code, this report contains Final Capacity Auction Results for the T-1 Capacity Auction, which took place on the 13<sup>th</sup> of December 2018, in respect of Capacity Year 2019/2020.

The Final Capacity Auction Results were approved by the Regulatory Authorities on February 1<sup>st</sup> 2019 in accordance with F.9.3 of the CMC.

In accordance with section D.1.1.1 of the CMC, the Capacity Year 2019/2020 is the period commencing at the start of the Trading Day beginning at 23:00 on 30th September 2019 and ending at the end of the Trading Day ending at 23:00 on 30th September 2020. '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 113 Capacity Market Units sought to qualify for the T-1 2019/20 Capacity Auction, seeking to qualify a total of 9193.94 MW of Nominated De-Rated Capacity. Of these, a total of 105 Capacity Market Units (CMUs) successfully qualified for the 2019/2020 T-1 Capacity Auction.

This equates to a total of 8533.489 MW of Net De-Rated Capacity; 8133.589 MW of Existing Capacity and 399.900 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	296.537	396.566	693.103
Gas Turbine	4881.530	3.334	4884.864
Hydro	199.876	0	199.876
Interconnector	450.950	0	450.950
Pumped Hydro Storage	228.344	0	228.344
Steam Turbine	2050.557	0	2050.557
Wind	25.795	0	25.795
Total	8133.589	399.900	8533.489

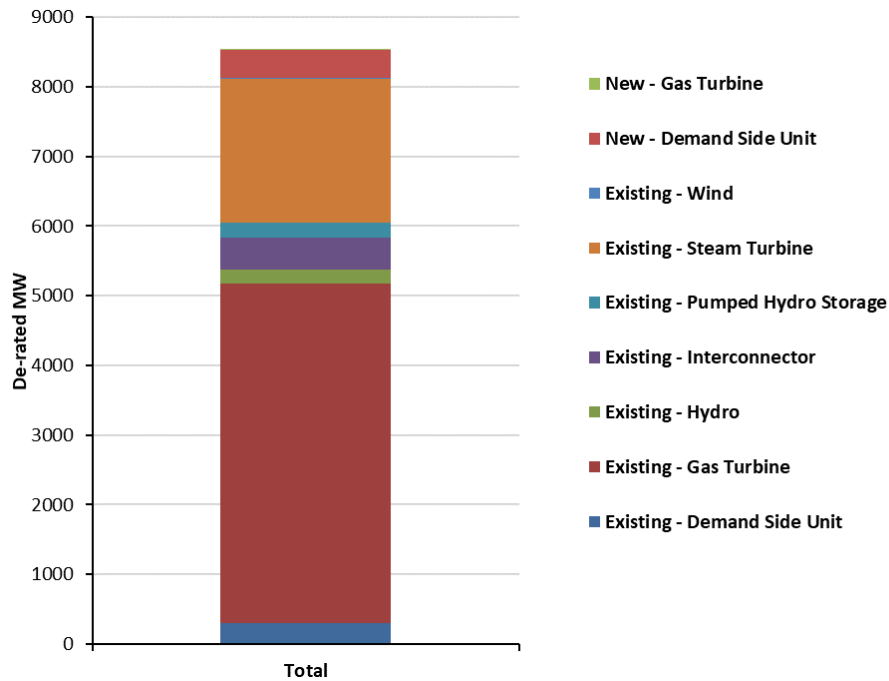


Figure 1 - Qualified CMUs per Technology Type

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).

## Final Capacity Auction Results

A total of 100 Capacity Market Units submitted valid Capacity Auction Offers for the 2019/2020 T-1 Capacity Auction. A total of 8,396.518 MW of de-rated capacity was offered into the auction and the total successful de-rated capacity in the auction was 8,265.964 MW. The Auction Clearing Price was 40,645.66 €/MW per year and 36,890.00 £/MW per year. The Capacity Auction Results and total Awarded Capacity for each CMU are listed in Table 3 in accordance with the requirements of CMC paragraph F.9.5.1A.

25 Capacity Market Units were successfully Awarded New Capacity within the 2019/2020 T-1 Capacity Auction. In accordance with paragraph F.9.1.1 (b) of the CMC, please find Awarded New Capacity Implementation Plan details listed in Table 4 of this document.

**Table 3– Final Capacity Auction Results**

<b>Party Name</b>	<b>CMU ID</b>	<b>Awarded Capacity (MW)</b>	<b>Capacity Payment Price (EUR/MW) or (GBP/MW)</b>	<b>Duration (Years)</b>
AC Automation (UK) Ltd	DSU_501200	7.030	£36,890.00	1
AES Ballylumford Limited	GU_500283	53.225	£36,890.00	1
AES Ballylumford Limited	GU_500284	53.225	£36,890.00	1
AES Kilroot Power Limited	GU_500820	38.406	£36,890.00	1
AES Kilroot Power Limited	GU_500821	38.406	£36,890.00	1
AES Kilroot Power Limited	GU_500822	218.247	£47,200.00	1
AES Kilroot Power Limited	GU_500823	220.522	£46,708.00	1
AES Kilroot Power Limited	GU_500824	26.796	£36,890.00	1
AES Kilroot Power Limited	GU_500825	26.796	£36,890.00	1
Aughinish Alumina Ltd	GU_400120	52.681	€40,645.66	1
Aughinish Alumina Ltd	GU_400121	35.000	€40,645.66	1
Aughinish Alumina Ltd	GU_400121	17.681	€40,645.66	1
Bord Gais ROI	GU_400930	387.168	€40,645.66	1
BRI Green Energy Limited	GU_401720	2.003	€40,645.66	1
Contourglobal Solutions (Northern Ireland) Limited	GU_500900	2.797	£36,890.00	1
Contourglobal Solutions (Northern Ireland) Limited	GU_500904	11.190	£36,890.00	1
Cushaling Power Ltd	GU_401010	53.476	€40,645.66	1
Cushaling Power Ltd	GU_401011	53.476	€40,645.66	1
Dublin Waste to Energy Supply Ltd.	GU_402030	55.289	€40,645.66	1
Edenderry Supply Co	GU_401860	104.402	€40,645.66	1
Eirgrid Interconnector Designated Activity Company	I_ROIEWIC	234.500	€40,645.66	1
Electricity Exchange Limited	DSU_401400	24.204	€40,645.66	1
Electricity Exchange Limited	DSU_401400	8.478	€40,645.66	1
Electricity Exchange Limited	DSU_401870	16.085	€40,645.66	1
Electricity Exchange Limited	DSU_401870	9.325	€40,645.66	1
Electricity Exchange Limited	DSU_402090	6.038	€40,645.66	1
Electricity Exchange Limited	DSU_402090	2.721	€40,645.66	1

Party Name	CMU ID	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
Electricity Exchange Limited	DSU_402100	6.590	€40,645.66	1
Electricity Exchange Limited	DSU_402100	1.176	€40,645.66	1
Electricity Exchange Limited	DSU_402120	7.942	€40,645.66	1
Electricity Exchange Limited	DSU_402120	2.386	€40,645.66	1
Empower Generation Limited	GU_501230	9.141	£36,890.00	1
Empower Generation Limited	GU_501230	2.700	£36,890.00	1
Endeco Technologies Limited	DSU_401530	24.723	€40,645.66	1
Endeco Technologies Limited	DSU_401530	1.952	€40,645.66	1
Endeco Technologies Limited	DSU_401530	2.560	€40,645.66	1
Endeco Technologies Limited	DSU_401910	6.648	€40,645.66	1
Endeco Technologies Limited	DSU_401910	1.659	€40,645.66	1
Endeco Technologies Limited	DSU_401910	1.844	€40,645.66	1
Endeco Technologies Limited	DSU_402180	8.741	€40,645.66	1
Endeco Technologies Limited	DSU_402180	0.258	€40,645.66	1
Endeco Technologies Limited	DSU_501460	4.738	£36,890.00	1
Endeco Technologies Limited	DSU_501460	2.240	£36,890.00	1
Endeco Technologies Limited	DSU_501460	1.600	£36,890.00	1
Energy Trading Ireland Limited	DSU_401390	7.000	€40,645.66	1
Energy Trading Ireland Limited	DSU_401390	0.600	€40,645.66	1
Energy Trading Ireland Limited	DSU_401390	1.000	€40,645.66	1
Energy Trading Ireland Limited	DSU_401390	0.040	€40,645.66	1
Energy Trading Ireland Limited	DSU_401390	0.070	€40,645.66	1
Energy Trading Ireland Limited	DSU_501380	6.000	£36,890.00	1
Energy Trading Ireland Limited	DSU_501380	2.500	£36,890.00	1
Energy Trading Ireland Limited	DSU_501380	1.000	£36,890.00	1
Energy Trading Ireland Limited	DSU_501380	0.364	£36,890.00	1
Energy Trading Ireland Limited	DSU_501380	0.188	£36,890.00	1
Energy Trading Ireland Limited	DSU_501510	5.000	£36,890.00	1



Party Name	CMU ID	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
Energy Trading Ireland Limited	DSU_501510	0.500	£36,890.00	1
Energy Trading Ireland Limited	DSU_501510	0.128	£36,890.00	1
Energy Trading Ireland Limited	DSU_501600	5.000	£36,890.00	1
Energy Trading Ireland Limited	DSU_501600	1.000	£36,890.00	1
Energy Trading Ireland Limited	DSU_501600	0.294	£36,890.00	1
EnerNOC Ireland Limited	DSU_401270	43.829	€40,645.66	1
EnerNOC Ireland Limited	DSU_401270	16.975	€40,645.66	1
EnerNOC Ireland Limited	DSU_401610	7.363	€40,645.66	1
EnerNOC Ireland Limited	DSU_401610	4.877	€40,645.66	1
EnerNOC Ireland Limited	DSU_401620	8.940	€40,645.66	1
EnerNOC Ireland Limited	DSU_401800	7.040	€40,645.66	1
EnerNOC Ireland Limited	DSU_401800	2.621	€40,645.66	1
EnerNOC Ireland Limited	DSU_401850	9.792	€40,645.66	1
EnerNOC Ireland Limited	DSU_403020	9.661	€40,645.66	1
EnerNOC Ireland Limited	DSU_403030	9.661	€40,645.66	1
EnerNOC Ireland Limited	DSU_403040	9.661	€40,645.66	1
EnerNOC Ireland Limited	DSU_403050	9.661	€40,645.66	1
EnerNOC Ireland Limited	DSU_403080	2.758	€40,645.66	1
EnerNOC Ireland Limited	DSU_403120	5.561	€40,645.66	1
EnerNOC Ireland Limited	DSU_501450	5.842	£36,890.00	1
ESB	CAU_400301	199.876	€40,645.66	1
ESB	CAU_400302	7.354	€40,645.66	1
ESB	DSU_401330	12.544	€40,645.66	1
ESB	GU_400181	82.800	€40,645.66	1
ESB	GU_400182	82.800	€40,645.66	1
ESB	GU_400183	82.800	€40,645.66	1
ESB	GU_400240	81.263	€40,645.66	1
ESB	GU_400270	241.395	€40,645.66	1

Party Name	CMU ID	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
ESB	GU_400271	241.395	€40,645.66	1
ESB	GU_400272	241.395	€40,645.66	1
ESB	GU_400324	208.150	€50,270.00	1
ESB	GU_400325	208.150	€50,270.00	1
ESB	GU_400360	57.086	€40,645.66	1
ESB	GU_400361	57.086	€40,645.66	1
ESB	GU_400362	57.086	€40,645.66	1
ESB	GU_400363	57.086	€40,645.66	1
ESB	GU_400370	120.971	€40,645.66	1
ESB	GU_400430	4.378	€40,645.66	1
ESB	GU_400500	364.370	€40,645.66	1
ESB	GU_400850	376.694	€40,645.66	1
ESB	GU_500040	368.355	£36,890.00	1
ESB	GU_500041	48.408	£36,890.00	1
Huntstown Power Limited	GU_400480	304.038	€40,645.66	1
Indaver	GU_401230	15.436	€40,645.66	1
iPower Solutions Limited	DSU_503420	3.688	£36,890.00	1
iPower Solutions Limited	GU_501130	58.882	£36,890.00	1
Moyle Interconnector Limited	I_NIMOYLE	216.450	£36,890.00	1
Power NI Energy Limited Power Procurement Business (PPB)	GU_500130	221.994	£36,890.00	1
Power NI Energy Limited Power Procurement Business (PPB)	GU_500131	221.994	£36,890.00	1
Power NI Energy Limited Power Procurement Business (PPB)	GU_500140	92.283	£36,890.00	1
Powerhouse Generation Limited	DSU_401660	4.399	€40,645.66	1
Powerhouse Generation Limited	DSU_401660	3.159	€40,645.66	1
Powerhouse Generation Limited	DSU_501330	9.796	£36,890.00	1
Powerhouse Generation Limited	DSU_501330	10.699	£36,890.00	1
Ronaver Energy Limited	GU_403000	1.852	€40,645.66	1
SSE Airtricity Limited	CAU_400500	12.060	€40,645.66	1

Party Name	CMU ID	Awarded Capacity (MW)	Capacity Payment Price (EUR/MW) or (GBP/MW)	Duration (Years)
SSE Generation Ireland Limited	GU_400750	48.600	€40,645.66	1
SSE Generation Ireland Limited	GU_400751	48.600	€40,645.66	1
SSE Generation Ireland Limited	GU_400752	206.521	€40,645.66	1
SSE Generation Ireland Limited	GU_400753	206.521	€40,645.66	1
SSE Generation Ireland Limited	GU_400762	402.288	€40,645.66	1
SSE Generation Ireland Limited	GU_400770	47.760	€40,645.66	1
SSE Generation Ireland Limited	GU_400771	47.760	€40,645.66	1
SSE Generation Ireland Limited	GU_400780	47.944	€40,645.66	1
SSE Generation Ireland Limited	GU_400781	47.944	€40,645.66	1
Tynagh Energy Limited	GU_400530	352.400	€40,645.66	1
Veolia Alternative Energy Ireland Limited	DSU_401490	11.910	€40,645.66	1
Veolia Alternative Energy Ireland Limited	DSU_401880	10.000	€40,645.66	1
Veolia Alternative Energy Ireland Limited	DSU_401880	4.250	€40,645.66	1
Viridian Energy Limited	DSU_401590	12.682	€40,645.66	1
Viridian Energy Limited	DSU_401590	0.600	€40,645.66	1
Viridian Energy Limited	DSU_402040	8.621	€40,645.66	1
Viridian Power Limited	GU_400540	352.400	€40,645.66	1

**Table 4 – Awarded New Capacity Implementation Plans**

Party / Unit Details		Awarded Capacity	Timelines Provided by CMU at time of Qualification Application		
Company Name	CMU ID	Awarded New Capacity (MW)	Substantial Financial Completion	Completion of Network Connection	Substantial Completion
Electricity Exchange Limited	DSU_401400	8.478	30/04/2019	30/04/2019	30/04/2019
Electricity Exchange Limited	DSU_401870	9.325	30/04/2019	30/04/2019	30/04/2019
Electricity Exchange Limited	DSU_402090	2.721	30/04/2019	30/04/2019	30/04/2019
Electricity Exchange Limited	DSU_402100	1.176	30/04/2019	30/04/2019	30/04/2019
Electricity Exchange Limited	DSU_402120	2.386	30/04/2019	30/04/2019	30/04/2019
Empower Generation Limited	GU_501230	2.700	Complete	Complete	Complete
Endeco Technologies Limited	DSU_401530	4.512	15/10/2018	21/12/2018	31/01/2019
Endeco Technologies Limited	DSU_401910	1.844	15/10/2018	21/12/2018	31/01/2019
Endeco Technologies Limited	DSU_402180	0.258	15/10/2018	21/12/2018	31/01/2019
Endeco Technologies Limited	DSU_501460	3.840	15/10/2018	21/12/2018	31/01/2019
Energy Trading Ireland Limited	DSU_401390	0.640	01/08/2019	01/09/2019	01/10/2019
Energy Trading Ireland Limited	DSU_501380	2.688	01/08/2019	01/09/2019	01/10/2019
Energy Trading Ireland Limited	DSU_501600	6.294	01/08/2019	01/09/2019	01/10/2019
EnerNOC Ireland Limited	DSU_401270	16.975	10/12/2018	26/07/2019	30/09/2019
EnerNOC Ireland Limited	DSU_401610	4.877	10/12/2018	26/07/2019	30/09/2019
EnerNOC Ireland Limited	DSU_401800	2.621	31/03/2018	31/03/2018	01/06/2019
EnerNOC Ireland Limited	DSU_403020	9.661	31/03/2018	26/03/2019	01/06/2019
EnerNOC Ireland Limited	DSU_403030	9.661	31/03/2018	26/03/2019	01/06/2019
EnerNOC Ireland Limited	DSU_403040	9.661	31/03/2018	26/03/2019	01/06/2019
EnerNOC Ireland Limited	DSU_403050	9.661	31/03/2018	26/03/2019	01/06/2019
iPower Solutions Limited	DSU_503420	3.688	Complete	Complete	Complete
Powerhouse Generation Limited	DSU_401660	3.159	30/11/2018	01/05/2019	01/06/2019
Powerhouse Generation Limited	DSU_501330	10.699	30/11/2018	01/05/2019	01/06/2019
Veolia Alternative Energy Ireland Limited	DSU_401880	4.250	01/03/2019	01/03/2019	01/03/2019
Viridian Energy Limited	DSU_401590	0.600	30/09/2019	30/09/2019	30/09/2019

## 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**

<b>Total Capacity (MW)</b>	<b>Northern Ireland</b>	<b>Ireland</b>	<b>Greater Dublin</b>	<b>Market Total</b>
<b>De-Rated Quantity Offered</b>	1999.486	6397.032	1492.397	8396.518
<b>De-Rated Quantity Successful</b>	1997.424	6268.540	1492.397	8265.964
<b>De-Rated Quantity Unsuccessful</b>	2.062	128.492	0	130.554

A total of 132.375 MW of De-rated New Capacity was successful in the auction. The majority of the successful De-Rated New Capacity was in the DSU Technology Class and 2.7 MW was successful within the Gas Turbine Technology Class.

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

<b>New Capacity (MW)</b>	<b>Northern Ireland</b>	<b>Ireland</b>	<b>Greater Dublin</b>	<b>Market Total</b>
<b>De-Rated Quantity Offered</b>	31.971	230.958	0	262.929
<b>De-Rated Quantity Successful</b>	29.909	102.466	0	132.375
<b>De-Rated Quantity Unsuccessful</b>	2.062	128.492	0	130.554

## 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

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.

