

Proposed 2018/2019

Generator Transmission Use of System (GTUoS) Tariffs – Update to GTUoS Tariffs published 1st August 2018

13 August 2018



Disclaimer - Change in model exchange rates

EirGrid and SONI propose a change in the way exchange rates are to be implemented in the GTUoS model from 2018/2019 onwards. Typically one exchange rate is used during calculations to convert the NI revenue into Euros to obtain an all-island pot, with tariffs determined on this basis. Then, for application of the NI rates, they are converted back to Sterling using a further exchange rate that is published in the SONI Statement of Charges (which is not available during the calculation process). For 2018/2019 onwards, the TSOs intend to revisit the calculation stage and use the updated exchange rate. This will provide consistency between the initial Sterling NI revenue, and the resultant NI Tariffs.

To do this, whilst maintaining Regulatory submission obligations, the TSOs are publishing the GTUoS Tariffs here using the exchange rate available at the time of calculations, with the intention to publish a revised version of the GTUoS Tariffs which will be recalculated using the Statement of Charges exchange rate.

Changes to GTUoS Tariffs published 1st August 2018

- As per the information above, the TSOs have recalculated the GTUoS Tariffs using the same exchange rate for both NI process stages.
- The TSOs would normally run calculations based on inputs up to a data freeze point, but as the calculations are being updated for the exchange rate, the TSOs have decided to update the MEC model total in the calculations. This has slightly reduced all tariffs.
- One node (Cloughboola) displayed an incorrect value in the previous publication, this has been updated.

This document provides the latest GTUoS Tariffs and analysis.

Introduction

This document outlines the proposed Generator Transmission Use of System (GTUoS) charges for both Ireland and Northern Ireland as calculated by the Transmission System Operators (TSOs) for the 2018/2019 tariff year.

The proposed charges are based upon the methodology as consulted on and approved by the Regulatory Authorities (RAs); the Commission for Regulation of Utilities (CRU) in Ireland and the Utility Regulator in Northern Ireland (UR).

The methodology used to calculate the 2018/2019 tariffs is the same as that used for the calculation of the 2017/2018 tariffs. The assumptions used in the GTUoS calculation are based on publicly available information on connected and contracted generation and associated transmission reinforcements. Interconnector flows and conventional generation fuel prices are based on the 2018/2019 Imperfections Revenue Requirement Forecast¹.

Total Revenue Requirement and GTUoS

The revenue requirement is approved annually by the respective regulator in order to ensure recovery of all costs associated with the operation, development and planning of the transmission network in a particular tariff year. The 2018/2019 GTUoS tariffs are based on a revenue requirement of €88,694,428. The overall revenue requirement for GTUoS has increased by 12.4% relative to the revenue requirement for 2017/2018 tariffs (€78,941,623). The increase in total GTUoS revenue is comprised of a 17.5% increase in the approved revenue for Northern Ireland and an 11.6% increase in the approved revenue for Ireland.

¹ <https://www.semcommittee.com/publication/sem-18-038-imperfections-charge-201819-and-incentive-outturn-201617>

GTUoS tariffs account for the recovery of 25% of network costs with the remainder of the costs being recovered through suppliers/demand users. The table in Appendix 1 indicates the proposed tariffs for 2018/2019.

Proposed 2018/2019 Tariffs

In line with the Grid Development Strategy that has been published², there is a need to develop the electricity network to ensure security of supply into the future. There is an associated cost with this transmission investment which is levied on users of the transmission system via transmission use of system charges for demand and generator customers. The regulatory approved methodology for GTUoS charging arrangements has been designed to link the system usage with the transmission investment costs for different parts of the network. Each Generator's TUoS charge should then be reflective of transmission investment costs linked to its own use of the system.

GTUoS is made up of a postage stamp and locational component. The postage stamp portion accounts for 70% of the total GTUoS revenue and is applied evenly across all generators, while the locational element accounts for 30%.

The following factors that vary year on year have a major impact on the locational aspect of the tariffs:

- Revenue Requirement
- Power flows (which depend on network configuration and dispatch)
- Level of generation and the contribution of each generator to the direction of flows on each network reinforcement
- Planned Network development and associated costs
- Interconnector flows

² <http://www.eirgridgroup.com/site-files/library/EirGrid/EirGrid-Draft-Grid-Development-Strategy.pdf>

Specific Influencing Factors for 2018/19 GTUoS Model

On average the 2018/2019 tariffs are generally higher than the 2017/2018 tariffs. A key factor influencing the majority of tariff increases in 2018/2019 is the increased revenue requirement.

There are four dispatch scenarios considered in the GTUoS model, consistent with those used in planning studies:

1. Winter Peak demand, Merit Order dispatch, 0% Wind
2. Summer Peak demand, Merit Order dispatch, 0% Wind
3. Summer Peak demand, Merit Order dispatch, High Wind
4. Summer Minimum demand, Merit Order dispatch, High Wind

The 2018/2019 GTUoS tariffs show similar trends to the 2017/2018 tariffs, and when removing the impact revenue change has on the tariffs, the average jurisdictional change is relatively small. There are however locational variances which arise from power flow changes and how these flows are using assets which have a cost in the model, (there is a 12 year window for inclusion of developments in the model).

In Ireland there is no immediately apparent primary influencing scenario for the 2018/2019 tariffs, while the Northern Ireland tariffs are primarily influenced by the 'Summer Minimum – High Wind' scenario. Last year we saw the firm export capacity for Moyle reduce to 83MW (measured from the NI side) due to Transmission Access Rights on the Scottish side. This has continued to be an input for the 2018/2019 calculations, and is particularly relevant for the 'Summer Minimum High Wind' scenario where there would typically be a need for high exports on Moyle.

On the basis that the underlying interconnector flows are similar to 2017/2018, and there are no large swings in dispatch to that of 2017/2018, there is little change to the North-South flows. The change in the North-South flow was seen to be a large driver for change in the 2017/2018 NI Tariffs, but as the flows are similar for 2018/2019, the changes to tariffs are greatly reduced. The only difference for 2018/2019 is that this asset (Turleenan-Woodland 400kV circuit) is included in the model for an extra year. This is the primary factor for the slight rise in NI GTUoS tariffs on average.

It should be noted that while the NI Generator tariffs have increased from last year they remain on average 5.5% lower than the Ireland Generator tariffs.

The tariffs tend to be higher in regions which are remote from large demand centres namely in the North West and the South West of Ireland. GTUoS Tariffs tend to be lower around the East, the North-East of Ireland and Northern Ireland.

The highest tariff levels are in the North West and South West of Ireland. This is consistent with the parts of the network that have a large amount of developments built/planned.

Analysis of tariffs

The maximum, minimum and overall range of tariffs is shown in Table 1 below. The postage stamp part of the tariff has increased (due to increased revenue recovery).

	18/19 Tariffs €/kW/year	17/18 Tariffs €/kW/year
Postage stamp	€4.7699	€4.2483
Max tariff	€12.6621	€11.9270
Minimum tariff	€4.7699	€4.2483
Range	€7.8923	€7.6787

Table 1: Analysis of tariffs

The change in the average tariff from last year's tariffs is shown in Table 2 below.

	18/19 €/kW/year	17/18 €/kW/year	% difference
All-Island average	€6.8141	€6.0690	+12.3%
Ireland average	€6.9030	€6.2273	+10.9%
Northern Ireland average	€6.5259	€5.5463	+17.7%

Table 2: Average tariffs

The change in the average tariff over the last 5 years is shown in Figure 1 below.

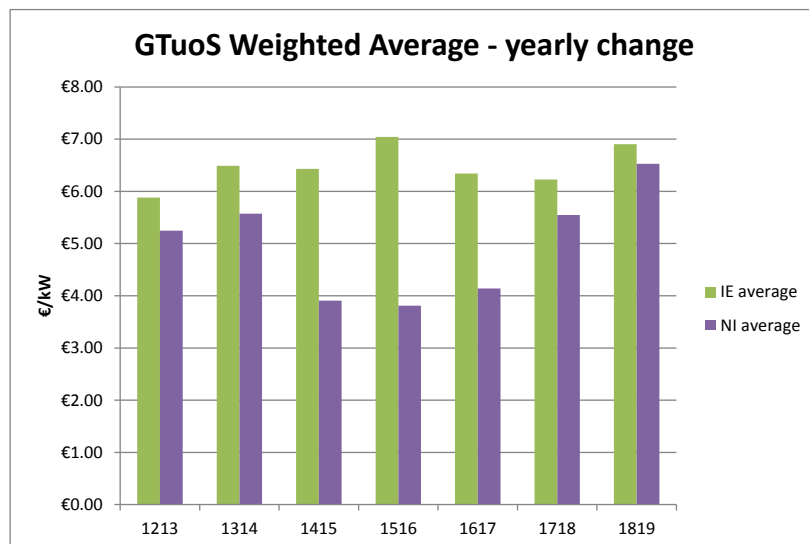


Figure 1: GTUoS Average - yearly change

Contact

If you have any comments or queries on these proposed GTUoS tariffs for 2018/2019 please E-mail: Tariffs@EirGrid.com or Tariffs@soni.ltd.uk by 15th August 2018.

Appendix 1: Proposed Tariffs for 2018/2019

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent € /kW/year	Network Capacity Charge Rate €/MW/month
Ireland Transmission Connected Non-Wind						
Aghada / Longpoint	Aghada	AD1, AT1, AT2, AT4, AD2	959	959	€6.6948	€557.9000
Ardnacrusha	Ardnacrusha	AA1, AA2, AA3, AA4	86	86	€6.8100	€567.5000
Seal Rock	Aughinish	SK3, SK4	130	130	€6.4684	€539.0333
Irishtown	Dublin Bay Power	DB1	415	415	€5.7161	€476.3417
Cushaling	Edenderry Power	ED1	121.5	121.5	€6.5252	€543.7667
Cushaling	Edenderry Peaker	ED3, ED5	116	116	€6.5198	€543.3167
Cathleen's Fall	Erne	ER3, ER4	45	45	€9.0441	€753.6750
Cliff	Erne	ER1, ER2	20	20	€9.0441	€753.6750
Glanagow	Whitegen	WG1	445	445	€6.6889	€557.4083
Great Island 220kV	Great Island	GI4	431	431	€5.4689	€455.7417
Huntstown	Huntstown 1	HNC	352	352	€5.7410	€478.4167

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Corduff	Huntstown 2	HN2	412	412	€5.7569	€479.7417
Lanesboro	Lough Ree Power	LR4	94	94	€5.9296	€494.1333
Carrigadrohid	Lee	LE3	8	8	€5.8739	€489.4917
Inniscarra	Lee	LE1, LE2	19	19	€6.1561	€513.0083
Pollaphuca	Liffey	LI1, LI2, LI3, LI4	34.18	34.18	€5.3202	€443.3500
Marina	Marina	MRT	85	85	€7.0352	€586.2667
Moneypoint	Moneypoint	MP1, MP2, MP3	862.5	862.5	€7.4071	€617.2583
Northwall 220kV	Northwall	NW5	109	109	€5.7335	€477.7917
Shellybanks	Poolbeg	PBA, PBB	460	460	€5.7282	€477.3500
Derryiron	Rhode	RH1, RH2	103.6	103.6	€5.5716	€464.3000
Tarbert 110kV	Tarbert	TB1, TB2	108	108	€6.6873	€557.2750
Tarbert 220kV	Tarbert	TB3, TB4	481.4	481.4	€6.6866	€557.2167
Tawnaghmore	Tawnaghmore Peaker		104	104	€8.2159	€684.6583
Turlough Hill	Turlough Hill	TH1, TH2, TH3, TH4	292	292	€5.8930	€491.0833

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Tynagh	Tynagh	TYC	404	404	€6.7507	€562.5583
Shannonbridge	West Offaly Power	WO4	141	141	€5.9535	€496.1250
Ireland Transmission Connected Wind						
Athea	Athea	34.35	34.35	34.35	€9.8919	€824.3250
Ballywater	Ballywater	42	42	42	€5.3508	€445.9000
Boggeragh	Boggeragh	57	57	57	€8.4120	€701.0000
Boggeragh	Boggeragh 2	65.7	65.7	65.7	€8.4120	€701.0000
Booltiagh	Booltiagh	31.45	31.45	31.45	€7.4984	€624.8667
Castledockrell	Castledockrell	41.4	41.4	41.4	€5.3684	€447.3667
Clahane	Clahane	51.6	51.6	51.6	€8.2042	€683.6833
Garrow	Coomacheo	59.225	59.225	59.225	€12.6617	€1,055.1417
Coomagearlahy	Coomagearlahy	81	81	81	€12.6621	€1,055.1750
Cordal	Cordal	89.85	89.85	89.85	€8.5735	€714.4583
Derrybrien	Derrybrien	59.5	59.5	59.5	€6.3294	€527.4500
Dromada	Dromada	28.5	28.5	28.5	€9.8919	€824.3250
Garvagh	Garvagh	48	48	48	€7.6550	€637.9167
Glanlee	Glanlee	29.8	29.8	29.8	€12.6621	€1,055.1750

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Golagh	Golagh	15	15	15	€10.6090	€884.0833
Coomataggart	Grousemount	114.2	114.2	114.2	€10.8333	€902.7750
Slievecallan	Keelderry	26.875	26.875	26.875	€7.1670	€597.2500
Kill Hill	Kill Hill	36	36	36	€7.0528	€587.7333
Cunghill	Kingsmountain 2	34.8	34.8	34.8	€8.0871	€673.9250
Knockranny	Knockalough	33.6	33.6	33.6	€6.4042	€533.6833
Cloghboola	Cloghboola 1	46	46	46	€10.2215	€851.7917
Lisheen	Lisheen	59	59	59	€7.4217	€618.4750
Slievecallan	Loughaun North	44.515	44.515	44.515	€7.1670	€597.2500
Meentycat	Meentycat	84.96	84.96	84.96	€11.5733	€964.4417
Moneypoint	Moneypoint	17.25	17.25	17.25	€7.1029	€591.9083
Ratrussan	Mountain Lodge	30.62	30.62	30.62	€5.2767	€439.7250
Mountlucas	Mountlucas	79.2	79.2	79.2	€5.5584	€463.2000
Mulreavy	Mulreavy	95.25	95.25	95.25	€10.6015	€883.4583
Oweninney	Oweninney Power 1	89	89	89	€7.9627	€663.5583
Ratrussan	Ratrussan	48	48	48	€5.2767	€439.7250
Uggool	Seecon	105	105	105	€6.2186	€518.2167
Sliabh Bawn	Sliabh Bawn	58	58	58	€5.9363	€494.6917

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Uggool	Uggool	64	64	64	€6.2186	€518.2167
Woodhouse	Woodhouse	20	20	20	€6.3708	€530.9000
Ireland Distribution Connected						
Ardnacrusha	Knockastanna		7.5	2.5	€6.8105	€567.5417
Ardnagappary	Cronalaght 2		17.96	12.96	€9.2296	€769.1333
Arklow	Arklow Bank		25.2	20.2	€4.9372	€411.4333
Arklow	Ballycumber		18	13	€4.9372	€411.4333
Arklow	Raheenleagh		36.5	31.5	€4.9372	€411.4333
Ballylickey	Ballybane		45.45	40.45	€8.0127	€667.7250
Ballylickey	Derreenacrinnig West		5.82	0.82	€8.0127	€667.7250
Ballylickey	Kealkil		8.5	3.5	€8.0127	€667.7250
Barrymore	Barranafaddock		32.4	27.4	€6.6553	€554.6083
Barrymore T	Dairygold Mitchelstown		8.55	3.55	€6.6553	€554.6083
Bellacorick	Bellacorick		6.45	1.45	€7.9627	€663.5583
Binbane	Corkermore		9.99	4.99	€7.5528	€629.4000
Binbane	Killin Hill		6	1	€7.5528	€629.4000
Binbane	Loughderryduff		7.65	2.65	€7.5528	€629.4000
Binbane	Meenachullalan		11.9	6.9	€7.5528	€629.4000

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Boggeragh	Carriggannon		20	15	€8.4120	€701.0000
Booltiagh	Boolynagleragh		36.98	31.98	€7.4984	€624.8667
Booltiagh	Cahermurphy		6	1	€7.4984	€624.8667
Booltiagh	Glenmore		24	19	€7.4984	€624.8667
Booltiagh	Lissycasey		13.399	8.399	€7.4984	€624.8667
Carlow	Gortahile		21	16	€5.3178	€443.1500
Castlebar	Raheen Barr 2		8.5	3.5	€6.3740	€531.1667
Castlebar	Raheen Barr 1		18.7	13.7	€6.3740	€531.1667
Cathaleen's Fall	Spaddan		17.5	12.5	€9.0443	€753.6917
Cauteen	Cappagh White A		52	47	€7.5704	€630.8667
Cauteen	Cappagh WhiteB		13.18	8.18	€7.5704	€630.8667
Cauteen	Garracummer		37.9	32.9	€7.5704	€630.8667
Cauteen	Glencarbry		33	28	€7.5704	€630.8667
Cauteen	Glenough		33	28	€7.5704	€630.8667
Cauteen	Holyford		9	4	€7.5704	€630.8667
Charleville	Knocknatallig		18.3	13.3	€7.5930	€632.7500
Charleville	Castlepook		33.1	28.1	€7.5930	€632.7500
Cloghboola	Cloghanaleskirt		12.55	7.55	€10.2215	€851.7917

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Cloghboola	Cloghboola (2) Ext		10	5	€10.2215	€851.7917
Cloghboola	Glanaruddery 1		20	15	€10.2215	€851.7917
Cloghboola	Glanaruddery 2		12	7	€10.2215	€851.7917
Coomataggart	Derragh		12	7	€10.8333	€902.7750
Coomataggart	Cleanrath		30.64	25.64	€10.8333	€902.7750
Coomataggart	Lettercannon		21.6	16.6	€10.8333	€902.7750
Cordal	Coollegrean		18.5	13.5	€8.5735	€714.4583
Cordal	Scartaglen		39.25	34.25	€8.5735	€714.4583
Corderry	Altagowlan		7.65	2.65	€7.6548	€637.9000
Corderry	Black Banks 2		6.8	1.8	€7.6548	€637.9000
Corderry	Tullynamoyle 1		9	4	€7.6548	€637.9000
Corderry	Tullynamoyle 2 Wind Farm		10.225	5.225	€7.6548	€637.9000
Corderry	Tullynamoyle 3		13.58	8.58	€7.6548	€637.9000
Croy	Ballycadden		24.212	19.212	€5.3684	€447.3667
Croy	Gibbet Hill		14.8	9.8	€5.3684	€447.3667
Croy	Knocknalour		8.95	3.95	€5.3684	€447.3667
Dallow	Meenwaun		9.999	4.999	€5.8454	€487.1167

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Dalton	Magheramore		40.8	35.8	€6.4064	€533.8667
Drybridge	Meath Waste-Energy		20.5	15.5	€5.6938	€474.4833
Dundalk	Grove Hill		16.1	11.1	€5.5590	€463.2500
Dunmanway	Carbery Milk Products CHP		6	1	€8.0127	€667.7250
Dunmanway	Coomatallin		5.95	0.95	€8.0127	€667.7250
Dunmanway	Killaveenoge		24.8	19.8	€8.0127	€667.7250
Dunmanway	Milane Hill		5.94	0.94	€8.0127	€667.7250
Garrow	Caherdowney		10	5	€12.6617	€1,055.1417
Garvagh	Derrysallagh		34	29	€7.6550	€637.9167
Glenlara	Dromdeeven		27	22	€7.5930	€632.7500
Glenlara	Taubeg		26	21	€9.6704	€805.8667
Glenree	Carrowleagh		34.15	29.15	€7.9311	€660.9250
Ikerrin	Monaincha Bog		35.95	30.95	€6.4775	€539.7917
Inchicore	Guinness CHP		8.075	3.075	€5.6830	€473.5833
Kilpaddoge	Leanamore		18	13	€6.4694	€539.1167
Kilteel	Arthurstown LFG		9.78	4.78	€5.9245	€493.7083
Knockacummer	Knockacummer		100	95	€9.6704	€805.8667

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Knockearagh	Gneeves		9.35	4.35	€8.1661	€680.5083
Knockearagh	WEDcross & Adambridge Manufacturers		7.5	2.5	€8.1661	€680.5083
Letterkenny	Cark		15	10	€11.6953	€974.6083
Letterkenny	Culliagh		11.88	6.88	€11.6953	€974.6083
Lisheen	Bruckana		39.6	34.6	€7.4217	€618.4750
Macroom	Bawnmore		24	19	€5.8751	€489.5917
Macroom	Garranereagh		8.75	3.75	€5.8751	€489.5917
Meath Hill	Bailie Foods		5.21	0.21	€6.7818	€565.1500
Meath Hill	Mullananalt		7.5	2.5	€6.7818	€565.1500
Meath Hill	Gartnaneane		10.5	5.5	€6.7818	€565.1500
Meath Hill	Teevurcher		9	4	€6.7818	€565.1500
Moy	Lackan		6	1	€7.8532	€654.4333
Navan	Shamrock Renewable Fuels		13	8	€5.5099	€459.1583
Oughtragh	Knockaneden		9	4	€8.2492	€687.4333
Portlaoise	Lisdowney		9.2	4.2	€5.8391	€486.5917
Rathkeale	Grouse Lodge		15	10	€6.4788	€539.9000
Rathkeale	Rathcahill		12.5	7.5	€6.4788	€539.9000

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Reamore	Knocknagoum		44.35	39.35	€8.3343	€694.5250
Reamore	Muingnaminnane		15.3	10.3	€8.3343	€694.5250
Ringsend	Dublin Waste to Energy		72	67	€5.6858	€473.8167
Salthill	Leitir Guingaid & Doire Chrith1 & 2 Merge		40.9	35.9	€6.4042	€533.6833
Shankill	Carrickallen		22	17	€5.3272	€443.9333
Sligo	Carrickeeney		7.65	2.65	€7.6867	€640.5583
Sligo	Faughary		6	1	€7.6867	€640.5583
Somerset	Sonnagh Old		7.65	2.65	€5.8728	€489.4000
Sorne Hill	Flughland		9.2	4.2	€11.6970	€974.7500
Sorne Hill	Sorne Hill		38.9	33.9	€11.6970	€974.7500
Tawnaghmore	Killala		30	25	€8.2162	€684.6833
Thurles	An Cnoc		11.5	6.5	€7.4216	€618.4667
Thurles	Ballybeagh		13.8	8.8	€7.4216	€618.4667
Thurles	Foylatalure		9.6	4.6	€7.4216	€618.4667
Tonroe	Largan Hill		5.94	0.94	€5.9701	€497.5083
Tralee	Ballincollig Hill		15	10	€8.3343	€694.5250
Tralee	Mount Eagle		5.1	0.1	€8.3343	€694.5250

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Tralee	Tursillagh		15	10	€8.3343	€694.5250
Tralee	Tursillagh		6.8	1.8	€8.3343	€694.5250
Trien	Tournafulla 1		7.5	2.5	€8.1135	€676.1250
Trien_Wind	Tournafulla 2		17.2	12.2	€10.2215	€851.7917
Trien_Wind	Knockawarriga		22.5	17.5	€10.2215	€851.7917
Trillick	Beam Hill		14	9	€11.6968	€974.7333
Trillick	Drumlough Hill 2		9.99	4.99	€11.6968	€974.7333
Trillick	Meenaward		6.9	1.9	€11.6968	€974.7333
Tullabrack	Moanmore		12.6	7.6	€7.2023	€600.1917
Tullabrack	Tullabrack		13.8	8.8	€7.2023	€600.1917
Waterford	Ballymartin		14.28	9.28	€4.7699	€397.4917
Wexford	Carnsore		11.9	6.9	€4.9222	€410.1833
Wexford	Richfield		27	22	€4.9222	€410.1833
NI Transmission Connected						
Ballylumford	Ballylumford GA		152	152	€6.2877	€523.9750
Ballylumford	Ballylumford GB		152	152	€6.2877	€523.9750
Ballylumford	Ballylumford GC		175	175	€6.2877	€523.9750
Ballylumford	Ballylumford GD		98.4	98.4	€6.3008	€525.0667

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Ballylumford	Ballylumford GT7		58	58	€6.3008	€525.0667
Ballylumford	Ballylumford GT8		58	58	€6.3008	€525.0667
Ballylumford	Ballylumford ST4		143.5	143.5	€6.2877	€523.9750
Ballylumford	Ballylumford ST5		146.5	146.5	€6.2877	€523.9750
Brockaboy	Brockaboy		47.5	47.5	€6.6271	€552.2583
Coolkeeragh	Coolkeeragh GT8		53	53	€6.7317	€560.9750
Coolkeeragh	Coolkeeragh C30 ST		147	147	€6.7317	€560.9750
Coolkeeragh	Coolkeeragh C30 GT		266	266	€6.4567	€538.0583
Kilroot	Kilroot 1		255.26	255.26	€6.2706	€522.5500
Kilroot	Kilroot 2		257.92	257.92	€6.2706	€522.5500
Kilroot	Kilroot GT1		29	29	€6.2706	€522.5500
Kilroot	Kilroot GT2		29	29	€6.2706	€522.5500
Kilroot	Kilroot GT3		42	42	€6.2706	€522.5500
Kilroot	Kilroot GT4		42	42	€6.2706	€522.5500
Slievekirk	Slievekirk		73.6	73.6	€6.9215	€576.7917
NI Distribution Connected						
Aghyoule	Molly Mountain		15	10	€7.8326	€652.7167
Aghyoule	Slieve Rushen2		54	49	€7.8326	€652.7167

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Aghyoule	Snugborough		13.5	8.5	€7.8326	€652.7167
Antrim	Millar Farm PV		6.27	1.27	€6.3708	€530.9000
Ballymena	Elginny Hill		23	18	€6.3708	€530.9000
Ballymena	Rathsherry		21.15	16.15	€6.3708	€530.9000
Ballymena	Ballygarvey Road		6	1	€6.3708	€530.9000
Carnmoney	Carn Hill		13.8	8.8	€6.2687	€522.3917
Coleraine	Dunbeg		42	37	€6.5243	€543.6917
Coleraine	Dunmore		21	16	€6.5243	€543.6917
Coleraine	Garves		15	10	€6.5243	€543.6917
Coleraine	Gruig		25	20	€6.5243	€543.6917
Coolkeeragh	Lishally Power Station		17.6	12.6	€6.6994	€558.2833
Coolkeeragh	Monnaboy		12	7	€6.6994	€558.2833
Curraghermulkin	Cornavarrow		36	31	€7.8328	€652.7333
Curraghermulkin	Slieveglass		6.9	1.9	€7.8328	€652.7333
Curraghermulkin	Castleraig		25	20	€7.8328	€652.7333
Dungannon	Crockagarran		18	13	€6.7775	€564.7917
Enniskillen	Callagheen		17.8	12.8	€7.8327	€652.7250
Enniskillen	Ora More		15	10	€7.8327	€652.7250

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Gort	Altamuskin		14.1	9.1	€6.7143	€559.5250
Gort	Crockabaravally		7.5	2.5	€6.7143	€559.5250
Gort	Shantavny Scotch		16.1	11.1	€6.7143	€559.5250
Gort	Slieve Divena 2		18.8	13.8	€6.7143	€559.5250
Gort	Tieges		11	6	€6.7143	€559.5250
Killymallaght	Carrickatane		20.7	15.7	€6.9215	€576.7917
Killymallaght	Eglis		15	10	€6.9215	€576.7917
Larne	Wolf Bog		10	5	€6.3324	€527.7000
Limavady	Altahullion		26	21	€6.5922	€549.3500
Limavady	Altahullion 2		11.7	6.7	€6.5922	€549.3500
Lisaghmore	Curryfree		15	10	€6.6994	€558.2833
Lisburn	Ballinderry Road PV		16.92	11.92	€5.9950	€499.5833
Lisburn	Lough Road		21	16	€5.9950	€499.5833
Lisburn	Maghaberry Road		20.43	15.43	€5.9950	€499.5833
Loguestown	Cloonty		9.2	4.2	€6.5243	€543.6917
Magherakeel	Church Hill		18.4	13.4	€7.8326	€652.7167
Magherakeel	Crigshane		32.2	27.2	€7.8326	€652.7167
Magherakeel	Seegronan		14.1	9.1	€7.8326	€652.7167

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Magherakeel	Thornog		20	15	€7.8326	€652.7167
Magherakeel	Tievenameenta		34.5	29.5	€7.8326	€652.7167
Omagh	Bessybell2		9	4	€7.8328	€652.7333
Omagh	Hunters Hill		20	15	€7.8328	€652.7333
Omagh	Lendrum's Bridge		13.2	8.2	€7.8328	€652.7333
Omagh	Screggagh		20	15	€7.8328	€652.7333
Omagh	Slieve Divena 1		30	25	€7.8328	€652.7333
Omagh	Tappaghan		28.5	23.5	€7.8328	€652.7333
Rasharkin	Altaveedan		18	13	€6.6271	€552.2583
Rasharkin	Bann Road		29.81	24.81	€6.6272	€552.2667
Rasharkin	Finvoy Road		5.209	0.209	€6.6272	€552.2667
Rasharkin	Glenbuck		9.2	4.2	€6.6271	€552.2583
Rasharkin	Long Mountain		27.6	22.6	€6.6271	€552.2583
Rosebank	Bombardier		9.98	4.98	€6.2395	€519.9583
Strabane	Bin Mountain		9	4	€7.0906	€590.8833
Strabane	Lough Hill		7.8	2.8	€7.0906	€590.8833
Strabane	Owenreagh		5.5	0.5	€7.0906	€590.8833
Strabane	Owenreagh2		5.1	0.1	€7.0906	€590.8833

Station	Generation Facility	Units	Contracted Maximum Export Capacity (MW)	Chargeable Maximum Export Capacity (MW)	Equivalent €/kW/year	Network Capacity Charge Rate €/MW/month
Tremoge	Cregganconroe		13.8	8.8	€7.1926	€599.3833
Tremoge	Crockandun		15	10	€7.1926	€599.3833
Tremoge	Crockdun		12.5	7.5	€7.1926	€599.3833
Tremoge	Eshmore		7.05	2.05	€7.1926	€599.3833
Tremoge	Gortfinbar		15	10	€7.1926	€599.3833
Tremoge	Inishative		13.8	8.8	€7.1926	€599.3833
Waringstown	Laurel Hill Solar		8.5	3.5	€5.9024	€491.8667
	Contour Global		12.084	7.084	€4.7699	€397.4917
	Empower AGU		8.624	3.624	€4.7699	€397.4917
	iPower AGU		63.587	58.587	€4.7699	€397.4917