

TSO-Connected Non-Renewable Generation

Updated 01-Aug-2022

Conventional Generation

Generator	Type	MEC (MW)	Connection Date	Connection Node	Associated Voltage (kV)
Aghada (11)	Gas/DO	90	Pre 2000	Aghada	220
Aghada (12)	Gas/DO	90	Pre 2000	Aghada	220
Aghada (14)	Gas/DO	90	Pre 2000	Aghada	220
Aghada CCGT	CCGT	431	2010	Longpoint	220
Aughinish Alumina	CHP	162	2005	Aughinish	110
Dublin Bay Power	Gas	415	2002	Irishtown	220
Edenderry Peaking	OCGT	116	2010	Cushaling	110
Edenderry Power	Peat	121.5	Pre 2000	Cushaling	110
Great Island CCGT	CCGT	215	2014	Great Island	220
Great Island CCGT	CCGT	216	2014	Great Island	220
Huntstown (1)	Gas	352	2002	Huntstown	220
Huntstown (2)	Gas	412	2007	Corduff	220
Kelwin	Diesel	2	Jul 2018	Coolnagoonagh	110
Lough Ree Power	Peat	94	Pre 2000	Lanesboro	110
Moneypoint (1)	Coal	287.5	Pre 2000	Moneypoint	380
Moneypoint (2)	Coal	287.5	Pre 2000	Moneypoint	380
Moneypoint (3)	Coal	287.5	Pre 2000	Moneypoint	380
North Wall (5)	Gas/DO	109	Pre 2000	North Wall	220
Poolbeg	Gas/DO	463	Pre 2000	Shellybanks	220
Rhode PCP (1)	Distillate	51.8	2004	Derryiron	110
Rhode PCP (2)	Distillate	51.8	2004	Derryiron	110
Tarbert (1)	HFO	54	Pre 2000	Tarbert	110
Tarbert (2)	HFO	54	Pre 2000	Tarbert	110
Tarbert (3)	HFO	240.7	Pre 2000	Tarbert	220
Tarbert (4)	HFO	240.7	Pre 2000	Tarbert	220
Tawnaghmore Peaking 1	OCGT	52	2003	Tawnaghmore	110
Tawnaghmore Peaking 2	OCGT	52	2003	Tawnaghmore	110
Tynagh	Gas	404	2006	Tynagh	220
West Offaly Power	Peat	141	2005	Shannonbridge	110
Whitegate	CCGT	445	2010	Glanagow	220

Interconnection

Generator	Type	MEC (MW)	Connection Date	Connection Node	Associated Voltage (kV)
East West Interconnector (EWIC)	Interconnector	500	2012	Woodland	400

Storage Generation

Generator	Code	Type	MEC (MW)	Energy (MWh)	Connection Date	Connection Node	Associated Voltage (kV)
Turlough Hill (1)	TH1	Pumped Storage	73	397.5	Pre 2000	Turlough Hill	220
Turlough Hill (2)	TH2	Pumped Storage	73	397.5	Pre 2000	Turlough Hill	220
Turlough Hill (3)	TH3	Pumped Storage	73	397.5	Pre 2000	Turlough Hill	220
Turlough Hill (4)	TH4	Pumped Storage	73	397.5	Pre 2000	Turlough Hill	220
Beenanaspuck & Tobertoreen	XT2	Battery	11	5.66	Jan 2020	Tobertoreen	110
Kelwin (Phase 2)	KZ4	Battery	26.6	13.4	Jan 2021	Coolnagoonagh	110
Lumcloon 1	LU1	Battery	50	30	Apr 2021	Derrycarney	110
Lumcloon 2	LU2	Battery	50	30	Apr 2021	Derrycarney	110
Shannonbridge 1	SI1	Battery	50	30	May 2021	Cloniffeen	220
Shannonbridge 2	SI2	Battery	50	30	May 2021	Cloniffeen	220
Aghada	AD3	Battery	19	38	Feb 2022	Aghada	110
Gorman	GF1	Battery	50	28.25	Feb 2022	Gorman	110
Lisdrumdoagh	LH1	Battery	60	30	Jan 2022	Lisdrum	110
Golagh	GO2	Battery	3	1.5		Golagh	110
Porterstown	PN1	Battery	30	27	Feb 2022	Kilteel	110

Key Terms

CHP: Combined Heat and Power

DO: Distillate Oil

HFO: Heavy Fuel Oil

LFG: Land Fill Gas

OCGT: Open Cycle Gas Turbines

MEC: Maximum Export Capacity

Note:

Maximum Export Capacity (MEC) is by definition the contracted maximum export value (in MW) of an entire generation station in accordance with the generator's connection agreement. However, to illustrate the capacity of each individual unit within a generation station the MEC is broken down and stated on a per unit basis.

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