

# Shannon Technology and Energy Park (STEP) Power Plant

## Appendix A1.2: Planning History and Cumulative List

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## A1.2: Planning History and Cumulative Projects List

**Table A1.2.1: Planning Applications on-site**

Planning Reference	Location	Received Date	Decision Date	Decision	Description
02/2292	Reenturk, Tarbert, Co. Kerry	11.09.2002	20.01.2003	Granted	Demolish all existing dwelling houses, outhouses, derelict buildings.
PL08B. PA0002	Ralappane and Kilcolgan Lower, Co. Kerry	24.9.2007	31.3.2008	Granted	Proposed LNG regasification terminal.
PL08.PM0002	Ralappane and Kilcolgan Lower, Co. Kerry	01.11.2012	4.3.2013	Granted	Amendment to the phasing of the construction of the permitted LNG Terminal (condition no. 3) and other minor modifications.
PL08.PM0014	Ralappane and Kilcolgan Lower, Co. Kerry	22.9.2017	13.7.2018	Granted	Amendment to the length of the permission for the permitted LNG Terminal (condition no. 2) from 10 years to 15 years. This decision was quashed by the High Court in November, 2020.
PL08.GA0003	Townlands of Ralappane, Carhoonakineely, Carhoonakilla, Cockhill, etc.	14.8.2008	17.2.2009	Granted	Permission approved for a gas pipeline to connect Shannon LNG Terminal to the existing natural gas network at Leahy's Co. Limerick.
PL08. DA0003	townlands of Ralappane, Carhoonakineely, Carhoonakilla, Cockhill, etc.	1.8.2008	17.2.2009	Make acquisition order without amendments	Application for an acquisition order for the Shannon LNG Terminal at Tarbert, Co. Kerry to the Bord Gáis Eireann Network at Foynes, County Limerick.
PL08. PA0028	Ralappane and Kilcolgan Lower, Co. Kerry	21.12.2012	09.7.2013	Granted	10-year permission for a combined Heat and Power (CHP) Plant.
ABP-311233-21	Townlands of Kilcolgan Lower and Ralappane, Ballylongford, Co. Kerry	27.08.2021	13.09.2023	Refused	10-year permission for proposed Shannon Technology and Energy Park consisting of power plant, battery energy storage system, floating storage and regasification unit, jetty, onshore receiving facilities, above ground installation and all ancillary structures / works.
VC08.318119	Townlands of Ralappane, Kilcolgan Lower, Carhoonakineely, Carhoonakilla, Cockhill, Coolnagoonagh, Carhoona, Farranawana and Kilpaddoge, Tarbert, Co. Kerry	28.09.2023	TBC	TBC	Pre-Application Consultation Request. Proposed 220 kV Grid Connection and 2 no. 220 kV GIS substations.

Planning Reference	Location	Received Date	Decision Date	Decision	Description
PC08.319245	Townlands of Kilcolgan Lower and Ralappane, Ballylongford, Co. Kerry	08.03.2024	TBC	TBC	Pre-Application Consultation. Proposed development of a strategic gas emergency reserve facility, and associated development works

**Table A1.2.2: Planning Permissions (excluding individual dwellings and other small-scale developments) within c. 5 km of the Site over a 10-year period**

Planning Reference	Location	Received Date	Decision Date	Decision	Description
<b>Co. Kerry</b>					
13138	Kilpaddoge, Tarbert, Co. Kerry	13.03.2013	17.09.2013	Granted	Construct an electricity peaker power generating plant, consisting of 52no. diesel reciprocating engines in acoustic containers, 26no. emission stacks to a maximum height of 15m, access road, approximately 60m of 110 kV underground transmission line, electrical compound of 4141sq.m containing a maximum of 2no. 110kV substations and associated plant, a maximum of 4no. diesel storage tanks 6.1m high, a firewater tank, and a control building of 51.25sq.m and 4m high.
139138	Kilpaddoge, Tarbert, Co. Kerry	06.03.2018	18.06.2018	Granted	Extension of duration of the above planning permission until 20.10.2023.
13477	Tarbert Island, Tarbert, Co. Kerry	31.07.2013	23.09.2013	Granted	Alter existing 220kv station consisting of new single storey control building, new diesel generator building, 3 no. single storey modular buildings, 6 no. gantry support structures, 8 no. control and protection kiosks, 6 no. surge arrestors, 6 no. cable sealing ends, existing compound chain link fence and gates to be replaced with new palisade fence and gates, new holding tank.
14816	Gurteenavallig, Tarbert, Co. Kerry	28.11.2014	28.04.2015	Granted	The extension of a portion of the permitted access road, the provision of a new substation compound with a single storey substation building and associated underground services.
155	Kilpaddoge, Tarbert, Co. Kerry	08.01.2015	03.03.2015	Granted	Alterations to the existing station consisting of 1 no. 110/20 kV transformer, 3 no. 110 kV surge arrestor, 3 no. 110 kV cable sealing ends, 1 no. neutral earth resistor, 1 no. lightning mast, new retaining wall with handrail, new single storey switchgear building and associated drainage and site works.
17466	Meelcon and Gurteenavallig, Ballylongford, Co. Kerry	22.05.2017	14.07.2017	Granted	The modification of the permitted northern access, junction to Leanamore wind farm.
18392	Tarbert Island, Tarbert, Co. Kerry	27.04.2018	15.01.2019	Granted	For a 10-year permission to construct a battery storage facility within a total site area of up to 2.278 ha.
18878	Kilpaddoge, Tarbert, Co. Kerry	10.09.2018	23.09.2019	Granted	For a 10-year permission to construct a battery energy storage system (BESS) facility on a total site area of up to 0.6ha that will provide grid balancing services to the Irish electrical grid. Third Party Appeal to Appeal to ABP (305739-19). ABP granted permission.

Planning Reference	Location	Received Date	Decision Date	Decision	Description
19115	Kilpaddoge, Tarbert, Co. Kerry	12.02.2019	07.02.2020	Granted	For a 10-year permission for a grid stabilisation facility comprising of: the construction up to 4 no. rotating stabilisers, 5 no. battery storage containers, 1 no. control room, 2 transformers and ancillary equipment within a site area of approx. 1.46 hectares.
21549	Kilpaddoge, Tarbert, Co Kerry	25.05.2021	20.08.2021	Granted	Amendment to the above permission.
304807-19	Townlands of Aghanagran Middle, Aghanagran Lower, Ballyline West, Tullahennell South, Ballylongford, Co. Kerry	02.07.2019	06.01.2020	Granted	Construction of a Windfarm consisting of up to 6 Wind Turbines. Previously refused by Kerry County Council (19381).
VA03.307798	Townland of Carrowdotia South, Co. Clare and Kilpaddoge, Co. Kerry	30.07.2020	04.06.2021	Granted	Installation of 400kV electricity transmission cables, extension to the existing Kilpaddoge Electrical Substation and associated works, between the existing Moneypoint 400kV Electrical Substation in the townland of Carrowdoita South County Clare and existing Kilpaddoge 220/110kV Electrical Substation in the townland of Kilpaddoge County Kerry. The development includes work in the foreshore.
308643-20	Meelcon, Carhona, Farranawana, Tarbert, Doonard upper and lower, Kilpaddoge, Ballyline West, Ballymacasy, Lislaughtin, Glamcullare south, Gurteenavallig, Co. Kerry	11.11.2020	21.06.2021	Granted	Amendment to previous granted permission (304807-19) which related to change in connection grid route for wind farm. Previously refused by Kerry County Council (20/438).
20850	Kilpaddoge, Tarbert, Co. Kerry	18.09.2020	12.11.2020	Granted	For changes to the previously permitted peaker power plant development (planning ref. 13/138). It is proposed to change the energy source for the charging of the battery energy storage system (BESS) containers from diesel to charging off the national grid and to change the permitted layout for electrical equipment.
23350	Tarbert 220 kV substation, Tarbert Generating Station, Tarbert Island (Townland), Co. Kerry	31.03.2023	17.01.2024	Granted	Removal of existing cable joint, bay within Tarbert Generating Station, 220 kV switchgear within the existing Tarbert substation compound and associated 220 kV cabling; two no. new lengths of 220 kV underground cabling measuring approximately 340m each, running between two no. new underground cable joint base in Tarbert Generating Station and the connection point at Tarbert substation; new 220 kV switchgear bay within the existing Tarbert substation compound comprising associated electrical equipment, including cable

Planning Reference	Location	Received Date	Decision Date	Decision	Description
					sealing ends, insulators, overhead conductors, surge arrestors, lightning masts and lighting poles.
EE08.315838	Tarbert Power Station, Tarbert, in the townland of Tarbert Island, Co. Kerry	17.02.2023	14.04.2023	Decision of the Minister to approve the proposed development under Section 7 subsection (1)(c) of the Development (Emergency Electricity Generation) Act 2022	The installation and operation of temporary emergency electricity generating plant, to a limit of 500 hours per annum, at the existing Tarbert Power Station.
PA08.318540	Tarbert Power Station, Tarbert Island, Tarbert, Co. Kerry	28.11.2023	Decision due 05.06.2024	Awaiting	10-year planning permission for the proposed Open Cycle Gas Turbine (OCGT) power plant fuelled by Hydrotreated Vegetable Oil (HVO) and associated site works.
N/A	L1010 Road upgrade	N/A	N/A	N/A	Kerry County Council are undertaking a widening scheme of the L1010 road which is to be completed prior to the start of the main construction elements but may overlap with the enabling works.
<b>Co. Clare</b>					
11457	Carrowdotia South, Co. Clare	24.06.2011	03.08.2011	Granted	Permission for the development of electrical transmission infrastructure and associated works at the existing Moneypoint Power Station complex.
PL 03.241624 (1274)	Carrowdotia North and, Carrowdotia South, Killimer, Co Clare	19.02.2013	12.12.2013	Granted	10-year planning permission for a Wind Farm Project (5 wind turbines) at Moneypoint Generating Station refused by Clare County Council but granted by An Bord Pleanála following a first party appeal.
14190	Moneypoint Power Station, Carrowdotia South, Co. Clare	10.04.2014	28.05.2014	Granted	A new indoor Gas Insulated Switchgear (GIS) 400 kV substation building (3463m <sup>2</sup> ), 17m high, two new 400/220 kV transformers with associated Switchgear, three new 30m high lightning masts, and associated drainage and site works. The application relates to previous grant of planning permission reg. ref. P11-457.

Planning Reference	Location	Received Date	Decision Date	Decision	Description
PL 03.243842 (14373)	Carrowdotia North, and South, Killimer, Co. Clare	15.09.2014	29.01.2015	Granted	20-year planning permission for works to the existing 32ha ash repository site located within the Moneypoint generating station complex granted by Clare County Council and granted by An Bord Pleanála following a first party appeal relating to a condition regarding a development contribution.
1581	Carrowdotia North & South, Killimer, Co. Clare	18.02.2015	10.04.2015	Granted	10-year permission primarily for an electrical transformer station. The proposed development is an amendment to the previously approved electrical transformer station at Moneypoint Wind Farm (CCC Ref: 12-74 APB Ref: PL03.241624).
161011	Moneypoint, Co. Clare	22.12.2016	24.08.2017	Granted	Refurbishment of the Moneypoint – Oldstreet 400kV overhead line.
17809	Carrowdotia South, Killimer, Co. Clare	20.10.2017	22.01.2018	Granted	Two water storage tanks (1,000m <sup>3</sup> and 2,000m <sup>3</sup> ) above ground level and an underground pump chamber located within the Moneypoint generating station complex.
18520	Carrowdotia South, Killimer, Co. Clare	27.06.2018	21.09.2018	Granted	c.7.5 MW capacity battery storage facility within a secured compound with a single storey substation control building, a single-storey switchgear building, ancillary electrical plant including a transformer and var support unit, a c. 15.6m high lightning mast and c. 18m high SCADA communications mast and a 2.6m high chainlink fence.
19746	Moneypoint Generating Station, Carrowdotia North, Killimer, Co Clare	26.09.2019	20.11.2019	Granted	10-year planning permission for a synchronous condenser and supporting items of plant, with the largest building being c. 962 sq.m. and standing c.15m high.
20318	Moneypoint Generating Station, Carrowdotia North and Carrowdotia South, Killimer, Co. Clare	20.05.2020	16.07.2020	Granted	10-year planning permission for a synchronous condenser, supporting items of plant, with the largest building being c. 420 sq.m. and standing c.15m high. Permission also sought to continue the use of the existing underground cable grid connection. This application represents a relocation within Moneypoint of a similar application permitted by Clare County Council under Reg. Ref. P19/746.
2332	Moneypoint Generating Station, Carrowdotia & Carrowdotia South, Killimer, Co Clare (Eircode V15 R963)	23.01.2023	18.04.2023	Granted	Land based site Investigation (SI) works comprising of boreholes and trial pits across the site.



Planning Reference	Location	Received Date	Decision Date	Decision	Description
PA03.319080	Moneypoint Generating Station, Moneypoint, Co. Clare	12.02.2024		Awaiting	Proposed transition and conversion of the existing 900MW electricity generating station from coal to heavy fuel oil and associated ancillary development at Moneypoint Generating Station.

**Table A1.2.3: Other Relevant Planning Applications (outside the 5 km radius of the Site)**

Planning Reference	Location	Received Date	Decision Date	Decision	Description
15772	Kilcolman and Glanwillin, Asteer, Co. Kerry	14.09.2015	28.07.2016	Granted	Installation and operation of a 5MW solar farm to include photovoltaic panels with mounting frames on screw pile foundations and ancillary development.
247653-16	Ballygrennane, Listowel, Co. Kerry	30.11.2016	26.04.2017	Granted	Solar PV Farm of up to 30,072 sq.m. of solar panels, 1 No. substation, 2 No. inverter cabins, fencing and ancillary facilities to be connected to the National Grid. Previously refused by Kerry County Council (16877).
1783	Nantinan, Killorglin, Co. Kerry	06.02.2017	02.11.2017	Granted	For a 10-year permission for the development of a solar PV farm consisting of up to 26,550 sq.m of solar panels on ground mounted steel frames.
PL08.248216	Shronebeirne, Dooneen, Glanlarehan and Knockaboul, Co. Kerry	20.03.2017	28.11.2017	Granted	Upgrade of a section of the existing Clashavoon to Tarbert 220kv overhead line alteration to 110 masts.
300174-17	Trieneragh, Duagh, Listowel, Co. Kerry	13.11.2017	11.10.2018	Granted	10-year permission for solar farm, substation, inverter cabins, underground cable ducts and associated works. Prior to third party appeal, previously granted by Kerry County Council 17851.
171146	Tullahennell South, Ballylongford, Co. Kerry	17.11.2017	19.01.2018	Granted	Extend the operational life of the existing wind farm from 20 to 25 years. The permission relates to the continuance of use of the existing wind farm granted under planning ref 09/1175 for a further period of five years.
171148	Tullahennell North, Asteer, Co. Kerry	17.11.2017	19.01.2018	Granted	Extend the operational life of the existing wind farm from 20 to 25 years. The permission relates to the continuance of use of the existing wind farm granted under planning ref 08/2086 and 15/701 for a further period of five years.
171147	Larha, Asteer, Co. Kerry	17.11.2017	19.01.2018	Granted	Extend the operational life of the existing wind farm from 20 to 25 years, and for the change of use of an existing forestry road to a wind farm road. The permission relates to the continuance of use of the existing wind farm granted under planning Ref. Nos. 08/2500 and 15/679 for a further period of five years.
PL91.301011	Aughinish East, Aughinish West, Island Mac Teige, Glenbane West, Morgan North and Fawnamore at or	26.02.2018	13.11.2018	Granted	Ten-year permission for development on site adjoining Aughinish Alumina Ltd plant, provision of a Borrow Pit with an extraction area of c. 4.5 hectares to extract c. 374.000 of rock.

Planning Reference	Location	Received Date	Decision Date	Decision	Description
	adjacent to Aughinish Island, Askeaton, Co. Limerick				
PA91.301561	Port of Foynes, in the townlands of Corgrig and Durnish, Foynes, Co. Limerick	08.05.2018	12.12.2018	Granted	Port capacity extension to consist of modifications to the existing jetties and quays, phased expansion of the port estate and all associated site development works.
171305	Knockreagh, Milltown, Killarney, Co. Kerry	22.12.2017	23.02.2018	Granted	For development consisting of a 10-year permission for a solar farm within a site area of 10.19 hectares.
302681-18	Tullamore, Drombeg, and Coolkeragh, Listowel, Co. Kerry	03.10.2018	22.05.2019	Granted	Planning permission with a duration of 10 years for a solar PV farm with an operational lifespan of 35 years to export up to 50MW of electricity to the national grid. Previously refused by Kerry County Council.
305106-19	Tullamore, Listowel, Co. Kerry	09.08.2019	30.03.2020	Granted	Electricity development (110kV 4-bay substation & loop-in infrastructure).
1825	Beal East, Ballybunion, Co. Kerry	18.01.2018	19.01.2019	Granted	Solar PV farm consisting of a solar PV array of approximately 12.5 ha of solar panels within a total red line boundary of 14.16 ha.
305739-19 (18878)	Kilpaddoge, Tarbert, Co. Kerry	12.10.2019	10.02.2020	Granted	10-year permission to construct a battery energy storage system on a 0.6ha site.
306146-19	Shanagolden, Craggs, Askeaton West, Lismakeery, Nantian, Riddlestown, Rathkeale Rural, Rathkeale Urban, Dromard, Croagh, Adare North, Adare South, Clarina and Patrickswell, Co. Limerick	11.12.2019	30.08.2022	Granted	Foynes to Limerick Road (including the Adare Bypass) including all ancillary and consequential works.
306199-19	Shangolden, Craggs, Askeaton West, Lismakeery, Nantian, Riddlestown, Rathkeale Rural, Rathkeale Urban, Dromard, Croagh,	16.12.2019	30.08.2022	Granted	Foynes to Rathkeale Protected Road Scheme 2019, Rathkeale to Attyflin Motorway Scheme 2019 and Foynes Service Area Scheme 2019 (forming the Foynes to Limerick Road (including Adare Bypass)).

Planning Reference	Location	Received Date	Decision Date	Decision	Description
	Adare North, Adare South, Clarina and Patrickswell, Co. Limerick				
308903-20	Aughinish Island, Askeaton, Co. Limerick	14.12.2020	30.03.2021	Is a Strategic Infrastructure Development	Extension of alumina extraction facility (increase in Height of Bauxite Residue Disposal Area, Vertical Extension of Salt Cake Disposal Cell, and Extension of Permitted Borrow Pit) at Aughinish Alumina, Co. Limerick.
309156-21	Townlands of Ballyline West, Coolkeragh, Dromalivaun and Tullamore, Co. Kerry	14.01.2021	27.09.2022	Granted	10-year permission for 12 wind turbines, substation, grid connection and ancillary site works.
312288-21	Listowel, Co Kerry	20.12.2021	23.05.2022	Granted	Construction of a solar farm which will connect to the national grid on lands with a total area of circa 84 hectares.
VA91.313816	Townlands of Ballinknockane and Ellaha, Co. Limerick	16.06.2022	09.03.2023	Granted	A new 110kV substation to feed into the existing Aughinish - Kilpaddocke 110kV overhead line situated within lands at Ballinknockane and Ellaha, Co. Limerick.
PA91.318302	Townlands of Aughinish East, Aughinish West, Island Mac Teige, Glenbane West, and Fawnamore at or adjacent to Aughinish Island, Askeaton, Co. Limerick	24.10.2023	06.03.2024	Awaiting	Expansion of the Bauxite Disposal Area, extension to the existing Salt Cake Disposal Cell and extension of the permitted borrow pit at Aughinish Alumina Limited (Reactivated case - Board's Previous Decision on PA91.312146 quashed by Order of the High Court, perfected on 29.06.2023).

**Table A1.2.4: Other Relevant Planning Proposals (outside the 5 km radius of the Site of the Proposed Development)**

Planning Reference	Location	Received Date	Decision Date	Decision	Description
N/A	Moneypoint Generating Station, Carrowdotia North and Carrowdotia South, Killimer, Co. Clare	N/A	N/A	N/A	<p>On 9<sup>th</sup> April, 2021, ESB announced Green Atlantic at Moneypoint, which will see the Power Station site transformed into a green energy hub, including:</p> <p>Renewable enablement: ESB has already commenced work on transforming Moneypoint into a green energy hub, with the installation of a Synchronous Compensator (permitted under application register reference 20/318) to provide a range of electrical services to the electricity grid which would previously have been supplied by thermal fired power stations. Its operation will enable higher volumes of renewables on the system.</p> <p>Moneypoint Floating Offshore wind farm: A floating offshore wind farm of 1,400MW will be developed off the coast of Counties Clare and Kerry in two phases by ESB and joint venture partners, Equinor. Once complete, the wind farm will be capable of powering more than 1.6m homes in Ireland. Subject to the appropriate consents being granted, the wind farm is expected to be in production within the next decade.</p> <p>A wind turbine construction hub: Moneypoint will become a centre for the construction and assembly of floating wind turbines. A deep-water port already exists at the site, making it an ideal staging ground for the construction of the wind farm.</p> <p>Hydrogen Energy: ESB's plans include investment in a green hydrogen production, storage and generation facility at Moneypoint towards the end of the decade. A clean, zero-carbon fuel, green hydrogen will be produced from renewable energy and used for power generation, heavy goods vehicles in the transport sector and to help decarbonise a wide range of industries such as pharmaceuticals, electronics and cement manufacturing.</p>
N/A	40km Limerick-Foynes rail line	N/A	N/A	N/A	<p>Preliminary works and consenting requirements regarding of re-opening the rail line were completed in 2019, funded by Shannon Foynes Port Company and co-funded by the EU's Connecting Europe facility, being undertaken by Irish Rail.</p> <p>Work has commenced on phase one of the project which is anticipated for completion in 2024. It is anticipated that track laying will commence early in 2024.</p> <p>Phase two of the project will include; provision of a signalling system for the route, CCTV level crossings, train communications system and track connections and upgrades at</p>

Planning Reference	Location	Received Date	Decision Date	Decision	Description
					Limerick and in Foynes Yard. Subject to funding allocation for phase 2 it is expected that this work will take 18 months to complete, and it is anticipated that the route will open for freight services in 2025.

**Table A1.2.5: Foreshore Licence / Lease Applications relating to the Site**

Planning Reference	Location	Received Date	Decision Date	Decision	Description
FS006224	Shannon Estuary near Tarbert and Ballylongford in Co. Kerry	19.03.2008	20.04.2010	Granted	Drainage outfall pipe to discharge surface water, groundwater, treated process and foul water and used firewater.
FS006225	Shannon Estuary near Ballylongford and Tarbert, Co. Kerry	19.03.2008	20.04.2010	Granted	Construction of a liquified natural gas jetty.
FS006227	Shannon Estuary near Ballylongford and Tarbert, Co. Kerry	19.03.2008	20.04.2010	Granted	Construction of a materials jetty.
FS006228	Shannon Estuary near Ballylongford and Tarbert, Co. Kerry	19.03.2008	20.04.2010	Granted	Construction of a seawater intake and outfall.