

Beauly to Blackhillock to New Deer to Peterhead 400 kV Project Environmental Impact Assessment Report Volume 5 | Technical Appendices

Appendix 5.1 - Cumulative Developments



APPENDIX 5.1 – CUMULATIVE DEVELOPMENTS

Table 1.1: Cumulative Developments – Inter Developments (other SSEN Transmission and 3rd party developments)

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ID Number	Development Name	Application Reference	Local Authority	Status (as of mid-May 2025)	Application Description (as per Planning Application)	Approx. Distance (km) from Proposed Development Infrastructure	Direction
H01	Knocknagael BESS	24/05097/S36 and ECU00005099	The Highland Council	Consultation	Construction and operation of a 200 MW Battery Energy Storage System (BESS) comprising two BESS and one substation compounds, associated infrastructure, site access, and landscaping.	0	Adjacent
H02	Beauly BESS	25/00503/S36 and ECU00005160	The Highland Council	Consultation	Construction and operation of a BESS along with associated infrastructure and ancillary works, earthworks, access, drainage, landscaping and biodiversity enhancements.	0	Adjacent
H03	Beauly to Denny Overhead Line Diversion (SSEN Transmission)	24/00834/SCRE	The Highland Council	Pre-Application	Permanent diversion of approximately 1.7 km of new 400 kV OHL and the removal of a section of existing Beauly-Denny 400 kV OHL.	0	Adjacent
H04	Spittal to Loch Buidhe to Beauly 400 kV Project (SSEN Transmission)	N24/04588/SCOP and ECU00006008	The Highland Council	Scoping	A new overhead line approximately 170 km in length from Spittal to Beauly.	0	Adjacent
H05	Western Isles HVDC UGC (SSEN Transmission)	N/A	The Highland Council	Permitted Development	80 km of onshore underground HVDC cable from Dundonnell to a mainland HVDC Converter Station near Beauly.	0.2	Northwest
H06	Beauly BESS	24/01548/FUL	The Highland Council	Under Consideration	Erection and operation of BESS up to 49.9 MW, substations, switchgear and control buildings, landscaping, fencing and ancillary infrastructure.	0	Adjacent
H07	Kilmorack Substation (SSEN Transmission)	24/02831/FUL	The Highland Council	Under Consideration	Construction of 132 kV replacement substation, platform, plant and machinery, access, laydown/work compound area(s), drainage, landscaping, and other ancillary works.	0.7	Northwest
H08	Beauly Substation (SSEN Transmission)	21/04988/FUL	The Highland Council	Application Permitted	Reinforcement and Extension of existing 132 kV substation, including decommissioning and replacement of key equipment including provision of three new transformers with noise enclosures,	0	Adjacent

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					associated platform extension and GIS building, access, landscaping and ancillary work.		
H09	Cairn Duhie Wind Farm Redesign	21/01521/S36 and ECU00003225	The Highland Council	Approved by Scottish Ministers	Erection and operation of windfarm for a period of 35 years, comprising of 16 wind turbines with maximum blade tip height of 149.9 m.	0	Adjacent
H10	Aigas Substation (SSEN Transmission)	24/02830/FUL	The Highland Council	Under Consideration	Construction of 132 kV replacement substation, platform, plant and machinery, access, laydown / work compound area(s), drainage, landscaping, and other ancillary works.	1.7	Northwest
H11	Balmore Wind Farm	23/02340/SCOP and ECU00004785	The Highland Council	Pre Application Complete	EIA Scoping request for the erection and operation of a wind farm, comprising up to 8 wind turbines.	2.2	Southwest
H12	Ballach Wind Farm	24/04177/SCOP And ECU00005219	The Highland Council	Pre-Application	Erection and Operation of a Wind Farm for a period of 35 years, comprising 36 turbines with a maximum blade tip height of 200 m and 230 m, along with a BESS and ancillary infrastructure.	4.7	Northwest
H13	Inverness College Campus	24/03837/SCOP	The Highland Council	Scoping	Phase 2 of Inverness Campus comprising 70,000 sqm of Commercial (Class 4) floorspace, 8,000 sqm of Hotel (Class 7) floorspace, 3,000 sqm of Ancillary (Class 1/3/10) floorspace and 2,500 sqm of Academic (Class 10) floorspace associated infrastructure and landscaping	4.7	North
H14	Carn Na Saobhaidh Wind Farm	24/03625/SCOP and ECU00005191	The Highland Council	Pre-Application	The proposed development would consist of up to 29 wind turbines with a maximum blade tip height of up to 200 m & an associated BESS.	5.7	South
H15	Ourack Wind Farm	22/05289/S36 and ECU00001999	The Highland Council	Consented	Erection and operation of a windfarm comprising 18 wind turbines of up to 180 m to blade tip height, BESS, control building, substation, access tracks, three borrow pits, cabling, off-site road improvements on the A939 at Castle Grant and Dava Bridge and ancillary infrastructure.	6.7	Southeast
H16	Lynemore Wind Farm	25/01748/S36 and ECU00005105	The Highland Council	Consultation	Erection and operation of a wind farm for a period of 50 years, comprising up to 14 wind turbines with a maximum blade tip height of 200 m, BESS, access	7.3	South

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					tracks, borrow pit, substation, control building, and ancillary infrastructure.		
H17	Tom Nan Clach Wind Farm Extension	22/01732/S36 and ECU00003453	The Highland Council	Approved by Scottish Ministers	Erection and Operation of a windfarm for a period of 40 years, comprising of seven wind turbines.	9	South
H18	Fairburn Wind Farm Extension	22/03143/SCOP	The Highland Council	Scoping Application Decision Issued	Proposal to construct and operate an extension to the existing 40 MW Fairburn Wind Farm at the Fairburn Estate.	9	Northwest
M01	Kellas Drum Windfarm	24/00486/S36 and ECU00005054	Moray Council	Awaiting Decision	A wind farm comprising up to 8 turbines to a maximum tip height of 149.9m, associated tracks, substation & control building, meteorological mast, 2 borrow pits, temporary construction compound and 30 MW energy storage compound.	0	Adjacent
M02	Berry Burn Wind Farm	ECU00000718	Moray Council	Consented	Extension of the operational Berry Burn Wind Farm (to be known as Berry Burn Wind Farm Extension) for up to nine turbines at a height of up to 149.9 metres. Total installed generating capacity for the combined operational windfarm and the proposed extension would equal up to 104.5 MW.	0	Adjacent
M03	Gibston Farm BESS	25/00043/S36 and ECU00005237	Moray Council	Awaiting Decision	Construction and operation of a 349 MW Battery Energy Storage System (BESS) with associated infrastructure including access roads, sub-station buildings, supporting equipment, fencing, drainage and landscaping.	1.5	West
M04	Rosarie Quarry	24/01898/SCO	Moray Council	Scoping	Part retrospective permission for construction of agricultural road initial hard rock mineral extraction and mineral processing and construction of temporary junction. Part new application for hard rock quarry processing area new access junction and creation of ecological/biodiversity buffer and associated ancillary quarry infrastructure (including but not limited to office wheel wash perimeter bunding welfare and landscaping)	4.9	West
M05	Teindland Wind Farm	ECU00004556	Moray Council	Scoping	An onshore wind farm comprising circa 17 turbines to a tip height of up to 200 m.	0	Adjacent

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M06	Blackmuir Quarry	20/01251/MIN	Moray Council	Permitted	Hard rock quarry and mineral processing area extraction area 1.99 Ha.	1.2	West
M07	Blackhills Wind Farm	ECU00005136	Moray Council	Scoping	Proposed wind farm comprising of up to eight turbines, 200 m in height, each with a generating capacity of up to 7.2 MW, associated infrastructure and BESS with 20 MW capacity, giving a total Site capacity of up to 77.6 MW.	0.43	Southeast
M08	Corshellach Energy Storage	24/01073/APP	Moray Council	Permitted	Installation of an energy storage facility including battery enclosures power conversion units transformer substation grid connection infrastructure vehicular access and associated works.	0	Adjacent
M09	Drum Farm Energy Storage	22/00715/APP	Moray Council	Permitted	Installation of an energy storage facility including battery enclosures power conversion units, transformers, substations, grid, connection infrastructure, vehicular access and associated works.	0.3	West
M10	Cairdshill Quarry	22/00499/APP	Moray Council	Permitted	Quarry extension.	1.2	West
M11	Keith Battery Storage	22/01488/APP	Moray Council	Permitted	Battery Energy storage system and associated infrastructure.	0.5	West
M12	Blackhillock Battery Storage	ECU00003404	Moray Council	Consented	Section 36 consent with deemed planning permission for a Battery Electricity Storage Facility at Land approximately 400 m southeast of Blackhillock Substation, Keith, Moray.	0.8	West
M13	Elchies (Rothes III) Wind Farm Grid Connection works (SSEN Transmission)	23/00519/S37 and ECU00004733	Moray Council	Application	New electric line installed above ground with a voltage of 132 kV or more between Rothes III Wind Farm on-site substation, and Blackhillock Substation at Keith. Two sections of underground cable (UGC) are anticipated. The first is at the western end of the connection for approximately 500 m as it would leave Rothes III Wind Farm on-site substation. The second section of UGC is on final approach to the connection point at Blackhillock substation in the east (1080 m in length) - both permitted developments.	2.7	West
M14	Marchfield Quarry	19/01653/MIN	Moray Council	Permitted	Establish a sand and gravel quarry.	2.2	North

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M15	Cairds Hill Wind Farm	24/00617/EIA	Moray Council	Awaiting Decision	Erect four wind turbines three of which are up to 180 m to blade tip height and one up to 149.9 m blade tip height associated and ancillary infrastructure includes hardstanding areas for each turbine location onsite access tracks an electrical substation and buried cables temporary laydown areas and a temporary construction compound.	2.3	West
M16	Dykeside Farm Quarry	25/00354/MIN	Moray Council	Awaiting Decision	Proposed sand and gravel quarry.	4.3	Northwest
M17	Aultmore Wind Farm Redesign	24/00375/S36 and ECU00003365	Moray Council	Under Consideration	Erect 16 wind turbines up to 200 m (generating around 105.6 MW) and associated infrastructure and includes a battery storage facility of up to 50 MW.	5.3	Northeast
A01	Greens Underground Cable Connection (SSEN Transmission)	N/A	Aberdeenshire Council	Permitted Development	Approx. 3 km of 400 kV underground cable from the proposed Greens 400 kV Substation to the existing New Deer Substation.	0	Adjacent
A02	Netherton Hub 400 kV OHL Connection to New Deer and Peterhead – Tie-in (SSEN Transmission)	N/A	Aberdeenshire Council	Pre-Application	Construction of up to 5.5 km of new OHL and removal of up to 4 km of existing OHL, to tie the existing 400 kV OHL into the proposed Netherton Hub	0	Adjacent
A03	Netherton Hub 400 kV OHL Connection to New Deer and Peterhead – Rebuild (SSEN Transmission)	N/A	Aberdeenshire Council	Pre-Application	Construction of approx. 6.5 km of new OHL, connecting the proposed Netherton Hub to Peterhead.	0	Adjacent
A04	Stromar Offshore Wind Farm Onshore Works	ENQ/2024/0039	Aberdeenshire Council	Scoping	Scoping stage for onshore aspects including onshore export cables to connect to offshore export cables at landfall, and a new onshore substation / converter station.	0	Adjacent

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A05	Muir Mhor Onshore Works	APP/2024/2000	Aberdeenshire Council	Awaiting Decision	Onshore Transmission Infrastructure for Muir Mhor Offshore Wind Farm including formation of onshore landfall point, laying of underground cables, erection of substation, and associated works to connect to the transmission grid.	0	Adjacent
A06	Caledonia Offshore Wind Farm Onshore Works	APP/2024/1812	Aberdeenshire Council	Awaiting Decision	Onshore Transmission Infrastructure for Caledonia Offshore Wind Farm including formation of onshore landfall point, laying of underground cables, erection of 2 co-located substation, and associated works to connect to the transmission grid.	0	Adjacent
A07	Spittal - Peterhead UGC (SSEN Transmission)	N/A	Aberdeenshire Council	Permitted Development	Approximately 15 km of onshore underground cable.	0	Adjacent
A08	EGL3 UGC (SSEN Transmission)	N/A	Aberdeenshire Council	Permitted Development	Approximately 10 km of onshore underground cable.	0	Adjacent
A09	New Deer 2 Battery Energy Storage System	APP/2025/0776	Aberdeenshire Council	Awaiting decision	Consultation under Section 36 of the Electricity Act 1989 for the Installation of Battery Energy Storage System (BESS) with an Installed Capacity of up to 400MW and Associated Infrastructure	0	Adjacent
A10	Abbotshaugh Energy Storage	APP/2025/0793	Aberdeenshire Council	Awaiting decision	Consultation under Section 36 of the Electricity Act 1989 for the Installation of Battery Energy Storage System (BESS) with an Installed Capacity of up to 500MW and Associated Substation and Infrastructure	1.2	South
A11	Buchan Offshore Wind Farm Onshore Works	ENQ/2024/0943	Aberdeenshire Council	Scoping	Scoping stage for onshore aspects including the landfall, onshore cable route corridor, onshore substation and onshore cable circuits.	1.8	East
A12	Greenvolt Onshore Works	APP/2023/1454	Aberdeenshire Council	Approved	National Development for Formation of Onshore Landfall Point, Laying of Underground Cable and Erection of Substation	0	Adjacent
A13	Whitestones Solar Project	APP/2025/0338	Aberdeenshire Council	Awaiting decision	Installation of a 9.9 MW Ground Mounted Solar Photovoltaic Array and Associated Infrastructure	4.2	North

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A14	Hill of Stoneyfield Wind Farm	APP/2025/0514	Aberdeenshire Council	Awaiting decision	Erection of 3 Wind Turbines (Hub Height 83m, Total Height 149.9m), Substation, Formation of Access Track and Associated Infrastructure	5	South
A15	Glens Of Foudland Wind Farm Bainshole	APP/2022/0592	Aberdeenshire Council	Approved	Formation of Windfarm Comprising 21 Wind Turbines, Transformers, Access Tracks, Substation Building and Compound and Wind Monitoring Mast	6	South
A16	Salamander Offshore Wind Farm	APP/2025/0444	Aberdeenshire Council	Awaiting decision	Installation of BESS with an Installed Capacity of 180 MW and Associated Infrastructure	7.1	Northeast