

**Q3 2021 Associated Transmission Reinforcement (ATR) Status Update - Published October 2021**



Associated Transmission Reinforcement (ATR)	Assumed Completion Dates used in ATR FAQ Study (July 2012)	Scheduled Completion Dates		Comments as of October 2021
		Year	Update as of October 21	
Aviva - Carrick on Shannon 110 kV circuit uprate	2015	2023		This ATR is currently in Step 4 of our six Step process.
Ballynahulla - North Kerry (Knockanure) 220 kV circuit uprate	2015	2022		This ATR is currently in Step 6 of our six Step process. Project completion is planned for TOP22.
Ballyvouskill 100 Mvar STATCOM	n/a	2023		This ATR is currently in Step 6 of our six Step process. The Ballyvouskill Reactor, which was energised in October 2021, will partially alleviate the impact of the change to the Statcom completion date.
Biribane - Cahaleen's Fall 110 kV circuit Uprate	2017	2023		This ATR is currently in Step 5 of our six Step process. Planning consent is required and a planning consultant has been appointed to prepare a planning submission.
Cashla - Dalton 110 kV circuit uprate	2017	2027		This ATR is currently in Step 2 of our six Step process. The project is expected to progress to Step 4 in early 2022 following a combined gateway 2/3 capital approval at the end of 2021.
Castlebar - Cloon 110 kV circuit uprate	2015	2024		This ATR is currently in Step 5 of our six Step process. Planning consent is required and a planning consultant has been appointed to prepare a planning submission. The delivery date is currently under review.
Castlebar - Dalton 110 kV circuit uprate	2017	2027		This ATR is currently in Step 2 of our six Step process. The project is expected to progress to Step 4 in early 2022 following a combined gateway 2/3 capital approval at the end of 2021.
Dalton 110 kV station busbar uprate	2017	2026		This ATR is currently in Step 4 of our six Step process. Planning consent is required and a planning consultant is being appointed to prepare a planning submission.
Flagford - Slabh Bawn 110 kV circuit uprate	2015	2024		This ATR is currently in Step 4 of our six Step process.
Flagford - Sligo 110 kV circuit uprate	2018	2027		This ATR is currently in Step 2 of our six Step process. The project is expected to progress to Step 3 in mid-2022.
Galway 110 kV Station Redevelopment Project	2017	2024		This ATR is currently in Step 6 of our six Step process. Civil works for GIS building have been completed and the electrical installation has commenced. Circuit transfers are planned to commence during the 2022 outage season.
High voltage network development in the North West (Renewables Integration Development Project)	2020	2027		This ATR is currently in Step 1 of our six Step process. Further information on plans for the region in general will be available later in 2021 following the conclusion of the Shaping our Electricity Future public consultation.
Kipaddoge Knockanure 220 kV Cable (Old name: Moneypoint - North Kerry (Knockanure) 220 kV Project).	2019	2022		This ATR is currently in Step 6 of our six Step process. Project completion is planned for TOP22.
Knockraha 220 kV Busbar Reconfiguration	n/a	2022		This ATR is currently in Step 5 of our six Step process. The new wing coupler was energised in July 2021 and the in-line sectionalisers will be replaced in 2022.
Lanesboro - Mullingar 110 kV circuit uprate	2017	2024		This ATR is currently in Step 5 of our six Step process. Planning consent is required and a planning consultant is being appointed to prepare a planning submission.
Lanesboro - Slabh Bawn 110 kV circuit uprate	2018	2024		This ATR is currently in Step 5 of our six Step process. Planning consent is required and a planning consultant is being appointed to prepare a planning submission.
Lanesboro 110 kV Station Re-development Project	2016	2024		This ATR is currently in Step 6 of our six Step process. The delivery date which is currently under review in consideration of the planning condition requirements is at risk.
Letterkenny 110 kV station busbar uprate	2016	2029		This ATR is currently in Step 4 of our six step process.
North - South 400 kV project	2017	2025		This ATR is currently in Step 5 of our six Step process. Construction will not commence until planning related legal challenges have been resolved and all procurement activity is finalised.
North Connacht 110 kV local network reinforcement	2018	2026		The project has now entered Step 5 – Planning phase. Additional route assessments were carried out at urban centres along the route. A detailed review of the project programme was undertaken following the identification of the Best Performing Option. In conjunction with detailed engagement with ESB Networks on the construction elements of the project, the programme has been re-baselined with a revised completion date of 2026.
<b>Regional Solution ATR</b>	<b>2020</b>	<b>2025</b>		
-Regional Solution: 400 kV Cross-Shannon cable	2020	2025		This ATR is currently in Step 5 of our six Step process. The revised ATR completion date of 2025 is due to the anticipated extended lead time for specialist resources and the delayed planning permission.
-Regional Solution: Great Island - Kilkenny 110kV uprate	2020	2022		This ATR is currently in Step 6 of our six Step process. The completion of this project in 2021 is not achievable due to delays involving land access, harvesting and outage constraints. It is planned that the remaining works will be included in TOP22.
-Regional Solution: Series Compensation on Dunstown-Laois 400 kV circuit	2020	2025		This ATR is currently in Step 5 of our six Step process. A planning application has been submitted for this project. Project Energisation is expected in 2025.
-Regional Solution: Series Compensation on Moneypoint-Laois 400 kV circuit	2020	2025		This ATR is currently in Step 4 of our six Step process. Alternative sites will now also be progressed with an expected energisation date of 2025.
-Regional Solution: Series Compensation on Oldstreet-Woodland 400 kV circuit	2020	2025		This ATR is currently in Step 4 of our six Step process. Alternative sites will now also be progressed with an expected energisation date of 2025.

**COVID-19 Update:**

- The COVID-19 related Government restrictions, introduced on public health grounds in 2020 and continuing into 2021, have created a number of specific challenges with respect to developing the transmission system and completing transmission projects. These Government restrictions have impacted work and engagement practices, for example:
  - The limitations imposed on close proximity working in stations and on cable jointing activities. This has led to an increase in the durations required to complete some work packages and their associated construction activities.
  - For those projects currently in pre-planning development, direct landowner engagement has been more challenging. The first meeting with landowners is of key importance to establish the relationship. Landowner engagement has continued where possible, however response rates from landowners does vary and in some instances specific landowner details cannot be verified and engagement then is not possible. This is having an impacts on timelines associated with some site/route selection activities which in turn impact on overall programme timelines.
  - The key focus for EirGrid and ESB during this period continues to be ensuring security of supply to critical infrastructure such as hospitals, care facilities and generators while also continuing to develop and maintain the transmission system in compliance with Government guidelines. Both organisations are actively monitoring the ongoing situation and seeking to mitigate impacts on development and delivery programmes.

Updated since previous publication

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	Assumed Completion Dates used in latest FAQ Study (July 2012)	Scheduled Completion Dates		<a href="#">Link to EirGrid's Six Step Process</a>
		Update as of October 21		
Completed Associated Transmission Reinforcement (ATR)	Year	Year		
Audnacusha 110 kV station refurbishment - busbar uprate	2015	Complete		
Arigna T - Carrick on Shannon 110 kV circuit uprate	2016	Complete		
Arigna T - Cordery 110 kV circuit uprate	2016	Complete		
Ana - Shankill 110 kV circuit 1 uprate	2015	Complete		
Ana - Shankill 110 kV circuit 2	2012	Complete		
Ballydine - Cullenagh 110 kV circuit uprate	2012	Complete		
Ballydine - Doon 110 kV circuit uprate	2013	Complete		
Ballydine 110 kV station busbar uprate	2013	Complete		
Ballyvauskil - Clashavoon 220 kV circuit uprate	2015	Complete		
Bellaacorick - Castlebar 110 kV circuit uprate	2013	Complete		
Bellaacorick - Moy 110 kV circuit uprate	2016	Complete		
Bellaacorick 110 kV station busbar uprate	2013	Complete		
Birbane - Letterkenny 110 kV circuit	2013	Complete		
Boobagh - Ennis 110 kV circuit uprate	2016	Complete		
Boobagh - Tullabrack T 110 kV circuit uprate	2016	Complete		
Butlerstown - Cullenagh 110 kV circuit uprate	2013	Complete		
Butlerstown - Killoeran 110 kV circuit uprate	2013	Complete		
Butlerstown 110 kV station busbar uprate	2013	Complete		
Cahir - Kill Hill - Thurles 110 kV circuit uprate	2015	Complete		
Cahir - Tipperary 110 kV circuit uprate	2014	Complete		
Carrick-on-Shannon 110 kV station busbar uprate	2014	Complete		
Cashla - Salthill - uprate of Salthill 33kV conductor	2016	Complete		
Castlebar 110 kV station busbar uprate	2015	Complete		
Cathaleen's Fall - Clogher (ex Drumkeen) 110 kV circuit uprate	2014	Complete		
Cathaleen's Fall - Golagh T 110 kV circuit uprate	Complete	Complete		
Cathaleen's Fall - Srananagh 110 kV circuit 1 uprate	Complete	Complete		
Cathaleen's Fall - Srananagh 110 kV circuit 2 uprate	2014	Complete		
Cathaleen's Fall 110 kV station busbar uprate - A1/B1 section	2014	Complete		
Cathaleen's Fall 110 kV station busbar uprate - A2/B2 section	2014	Complete		
Cauteen - Killoan 110 kV circuit uprate	2014	Complete		
Cauteen - Tipperary 110 kV circuit uprate	2014	Complete		
Charleville - Mallow 110 kV circuit uprate	2013	Complete		
Clashavoon - Dunmanway 110 kV circuit	2015	Complete		
Clashavoon - Knockraha 220 kV circuit uprate	2013	Complete		
Clogher 110 kV station - loop-in to Cathaleen's Fall to Drumkeen 110 kV circuit	2014	Complete		
Coolree - Kilbary 110 kV circuit uprate	2012	Complete		
Cordery - Srananagh 110 kV circuit uprate	2018	Complete		
Cordery 110 kV station busbar uprate	Complete	Complete		
Crane 110 kV station busbar uprate	Complete	Complete		
Cullenagh - Dunganvan 110 kV circuit uprate	2013	Complete		
Cullenagh - Great Island 220 kV circuit uprate	2013	Complete		
Cullenagh - Knockraha 220 kV circuit uprate	Complete	Complete		
Cullenagh - Waterford 110 kV circuit uprate	Complete	Complete		
Cunghill - Glenree 110 kV circuit uprate	2014	Complete		
Cunghill - Sligo 110 kV circuit uprate	2014	Complete		
Cunghill 110 kV station busbar uprate - busbar sectionaliser only	2014	Complete		
Cushalling 110 kV station busbar uprate	2013	Complete		
Drumkeen 110 kV station busbar uprate - busbar sectionaliser only	2014	Complete		
Dunmanway 110 kV station busbar uprate	2014	Complete		
Dunstown 400/220 kV transformer T4202 - second transformer	2013	Complete		
Ennis 110 kV station busbar uprate	2013	Complete		
Gorman - Meath Hill 110 kV circuit	2012	Complete		
Great Island 220 kV station replacement	2013	Complete		
Ikerin T - Thurles 110 kV circuit uprate	2013	Complete		
Inchicore - Maynooth 220 kV circuit 1 uprate	2013	Complete		
Inchicore - Maynooth 220 kV circuit 2 uprate	2013	Complete		
Inniscarra - Macroom 110 kV circuit uprate	2013	Complete		
Kilpaddoge - Moneypoint 220 kV cable	2015	Complete		
Marina - Trabeg 110 kV circuit 1 uprate	2013	Complete		
Marina - Trabeg 110 kV circuit 2 uprate	2013	Complete		
Marina 110 kV Station Replacement GIS	2014	Complete		
Maynooth - Ryebrook 110 kV circuit uprate	2013	Complete		
Moneypoint - Tullabrack T 110 kV circuit uprate	2016	Complete		
Moneypoint GIS Development (220 kV & 110 kV)	2015	Complete		
Moneypoint GIS Development (400 kV)	2016	Complete		
Mount Lucas - Thomsberry 110 kV circuit	2013	Complete		
Moy 110 kV station busbar uprate	2016	Complete		
Navan 110 kV station busbar uprate	2013	Complete		
North Kerry (Knockanure) 220/110 kV station	2015	Complete		
Raffeen - Trabeg No. 1 110 kV circuit uprate	2014	Complete		
Regional Solution: Uprate of Wexford 110 kV busbar	2020	Complete		
Regional Solution: Uprate of Great Island-Wexford 110 kV circuit	2020	Complete		
Ryebrook 110 kV station busbar uprate including circuit bays	2012	Complete		
Sligo 110 kV station busbar uprate	2014	Complete		
Srananagh 220 kV project	Complete	Complete		
Tarbert - Tallea No. 2 110 kV circuit	Complete	Complete		
Thomsberry 110 kV station busbar uprate	2021	Complete		
Thurles 110 kV station busbar uprate	2013	Complete		
Tipperary 110 kV station busbar uprate	2014	Complete		