


Q4 2021 Associated Transmission Reinforcement (ATR) Status Update - Published January 2022


	Assumed Completion Dates used in ATR FAQ Study (July 2012)	Scheduled Completion Dates	Link to EirGrid's Six Step Process
		Update as of January 2022	Comments as of January 2022
Associated Transmission Reinforcement (ATR)	Year	Year	Comment
Arva - Carrick on Shannon 110 kV circuit uprate	2015	2023	This ATR is currently in Step 6 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.
Birbane - Cathleen'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. This project was expected to progress to Step 4 in early 2022. The status of the project is under review in the context of system needs identified in Shaping Our Electricity Future.
Castlebar - Cloon 110 kV circuit uprate	2015	2025	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 has been revised to take account of the additional time associated with the planning process and the project is expected to be completed in 2025.
Castlebar - Dalton 110 kV circuit uprate	2017	2027	This ATR is currently in Step 2 of our six Step process. This project was expected to progress to Step 4 in early 2022. The status of the project is under review in the context of system needs identified in Shaping Our Electricity Future.
Dalton 110 kV station busbar uprate	2017	2026	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.
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. 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. The status of the project is under review in the context of system needs identified in Shaping Our Electricity Future.
Kilpaddoge 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 6 of our six Step process. 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. Project completion is dependent upon the Lanesboro 110 kV Station Re-development Project whose completion timeline is under review.
Lanesboro - Slabh Bawn 110 kV circuit uprate	2018	2024	This ATR is currently in Step 5 of our six Step process. Project completion is dependent upon the Lanesboro 110 kV Station Re-development Project whose completion timeline is under review.
Lanesboro 110 kV Station Re-development Project	2016	2024	This ATR is currently in Step 6 of our six Step process. Completion timeline is under review, a further update will be provided in the Q1 2022 publication.
Letterkenny 110 kV station busbar uprate	2016	2029	This ATR is currently in Step 4 of our six step process and is expected to progress to step 5 in 2022.
North - South 400 kV project	2017	2025	This ATR is currently in Step 5 of our six Step process. All planning related legal challenges have now been resolved. Construction will not commence until all procurement activity has been finalised which will take until the end of 2022.
North Connacht 110 kV local network reinforcement	2018	2026	This ATR is currently in Step 5 (Planning Phase) with planning submission planned for Q2 2022. The current programme remains as ATR completion in 2026.
Regional Solution ATR	2020	2025	
-Regional Solution: 400 kV Cross-Shannon cable	2020	2025	This ATR is currently in Step 5 of our six Step process.
-Regional Solution: Great Island - Kilkenny 110kV uprate	2020	2022	This ATR is currently in Step 6 of our six Step process. Project completion is planned for TOP22.
-Regional Solution: Series Compensation on Dunstown-Laos 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-Laos 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 in 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 impact 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.

 Completion date updated since previous publication

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	Assumed Completion Dates used in latest FAQ Study (July 2012)	Scheduled Completion Dates	Link to EirGrid's Six Step Process
	Year	Year	
Completed Associated Transmission Reinforcement (ATR)			
Ardarausha 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	
Arva - Shankill 110 kV circuit 1 uprate	2015	Complete	
Arva - 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	
Ballyvouskill - 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	
Binbane - Letterkenney 110 kV circuit	2013	Complete	
Boollagh - Ennis 110 kV circuit uprate	2016	Complete	
Boollagh - 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	
Castilla - Salthill - uprate of Salthill Bay Conductor	2016	Complete	
Castlebar 110 kV station busbar uprate	2015	Complete	
Cathaleen's Fall - Clogher 1 (ex Drumkeen) 110 kV circuit uprate	2014	Complete	
Cathaleen's Fall - Gologh 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 - Killonan 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 - Kilbarr 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 - Dungarvan 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	
Kilpaddocke - 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 - Thornsberry 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 - Tralee No. 2 110 kV circuit	Complete	Complete	
Thornsberry 110 kV station busbar uprate	2021	Complete	
Thurles 110 kV station busbar uprate	2013	Complete	
Tipperary 110 kV station busbar uprate	2014	Complete	