



Transmission Network Developments

RGLG - 7 December 2021



TDPNI 2021-2030

- Due for consultation in Jan 2022 (8 weeks)
- Includes output of Tomorrow's Energy Scenarios for first time
- Programme agreed with NIE Networks taking into account high level scheduling of works
- Includes large projects in North and West which will be necessary to deliver RES targets

Mid Antrim

- TNPP submitted to UR in late September
- Approval expected in Jan 22
- Preferred option includes a new substation at Terrygowan and a new circuit from Terrygowan to Rasharkin
- Following UR approval project will move into Pt 2 of our process with extensive stakeholder engagement on a route for the new circuit and substation site followed by Planning submission
- Expected completion 2028



Future NW Developments

- Two study areas: Mid Tyrone and North West
- Development in either area affects other
- Developing strategic report of high level options
- To be followed by Options Reports for both areas and TNPP submissions in 2023



275 kV fault level

- Fault rating at five 275 kV sites restricted to 10 kA due to legacy structural issue
 - **Coolkeeragh, Magherafelt, Kells, Tandragee, Castlereagh**
- All sites have potential fault level exceeding 10 kA
- SONI and NIE Networks progressing risk assessments
- SONI developing methodology to assess future connections
 - not possible to progress connections at these sites until completed (expected mid 2022)
- Redevelopment of sites also being planned (see TDPNI)

Thanks for your attention
Any questions?

