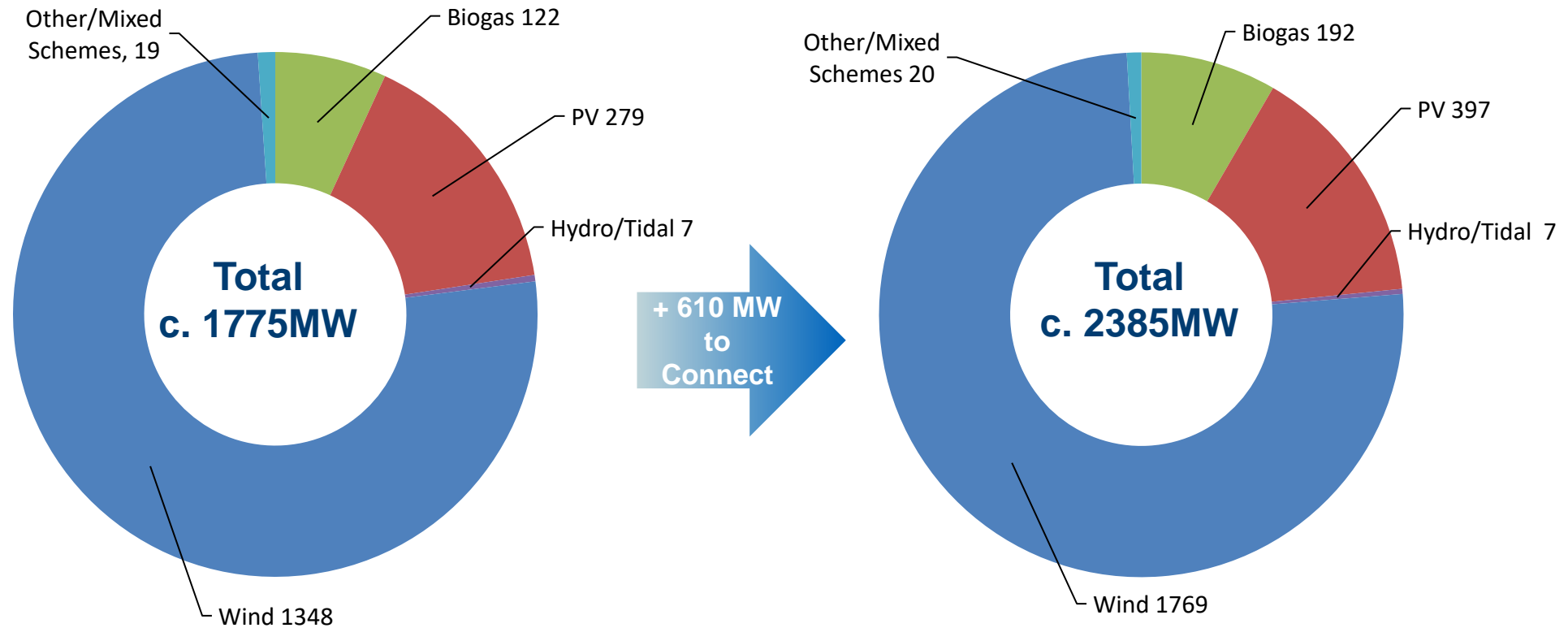


RGLG

Meeting No.43

12th September 2023

Renewable Generation Status – Q2 2023



NI Connected Renewable Generation Technology Mix

NI Connected and Committed Renewable Generation Technology Mix

- **200MW Connected**
- **68 MW Committed**

Transmission Connection Applications

RGLG

12th September 2023



Generation Applications			
Unit	Connection Level	User's Name	Maximum Export Capacity (MW)
Curraghmulkin Wind Farm	Transmission	Dooish Wind Farm Ltd	42
EP Kilroot GT6 OCGT	Transmission	EP NI Energy Limited	350
Aught Wind Farm	Transmission	Aught Wind Farm Limited	37.2
Pigeon Top Wind Farm	Transmission	Pigeon Top Wind Farm Limited	51.6
EP Kilroot GT7	Transmission	EP NI Energy Limited	299
EP Kilroot GT7 OCGT (Increased MEC)	Transmission	EP NI Energy Limited	50
EP Kilroot CCGT ST2	Transmission	EP Kilroot Limited	300
EP Kilroot GT West	Transmission	EP Kilroot Limited	500
North Channel Wind 1_A	Transmission	SBM Inc	500
North Channel Wind 1_B	Transmission	SBM Inc	500
Ballylumford D Station (CCGT)	Transmission	EP Ballylumford Limited	350



Interconnector Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
LirIC – HVDC Interconnector	Transmission	TI LirIC Ltd	500/730

Large Demand Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Atlantic Hub Data Centre	Transmission	Atlantic Hub Property Limited	80
Atlantic Hub Data Centre	Transmission	Atlantic Hub Property Limited	80

Battery Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Tamnamore Battery Storage	Transmission	Heron Storage Limited	100 / 100
Hannahstown BESS Ltd	Transmission	Hannahstown BESS Ltd	50 / 50
Ballyvallagh BESS	Transmission	Lagan Energy (Ballyvallagh) Limited	50/50
Ballylumford BESS	Transmission	Green Energy Hub NI Ltd	150 / 150
Limavady BESS	Transmission	Limavady BESS Ltd	75 / 75



Synchronous Condenser Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Coolkeeragh High Inertia Synchronous Compensator Stability Project	Transmission	Statkraft Ireland Limited	0 / 8
Coleraine High Inertia Synchronous Compensator Stability Project	Transmission	Statkraft Ireland Limited	0 / 8
Rasharkin Synchronous Condenser	Transmission	Northern Grid Services Limited	0 / 8
Gort 110 kV Synchronous Condenser	Transmission	Green Frog Power (Gort) Limited	0/2.5
Magherakeel 110 kV Synchronous Condenser	Transmission	Green Frog Power (Magherakeel) Limited	0/2.5
Dromore Synchronous Condenser	Transmission	Western Grid Services Limited	0/8
Rasharkin Synchronous Condenser	Transmission	Northern Grid Services Limited	0 / 6



Transmission Network Developments

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Network Projects Update

- **North-South Interconnector - ECD 2027**
- **Mid Antrim Reinforcement** in Part 2 of Grid Development Process, stakeholder engagement ongoing, **ECD 2029**
- **Omagh – Dromore Uprate** construction underway, **ECD 2023**
- **Drumnakelly – Tamnamore Uprate** TNPP submitted, **ECD 2029**
- **Moyle Reinforcement** TNPP submitted, **ECD 2027**
- **Cam substation extension** TNPP being drafted
- **North and West Reinforcement** options report commencing shortly, **ECD 2030**
- **Feeny Cluster SOP** cancelled as developers to be offered direct connections
- **Mid Tyrone Reinforcement** stakeholder engagement complete TNPP costing underway, **ECD 2029 at earliest**
- **Larne and Limavady tx uprate** – options papers underway, TNPP not required
- **Coolkeeragh – Strabane uprate** – optioneering underway

