

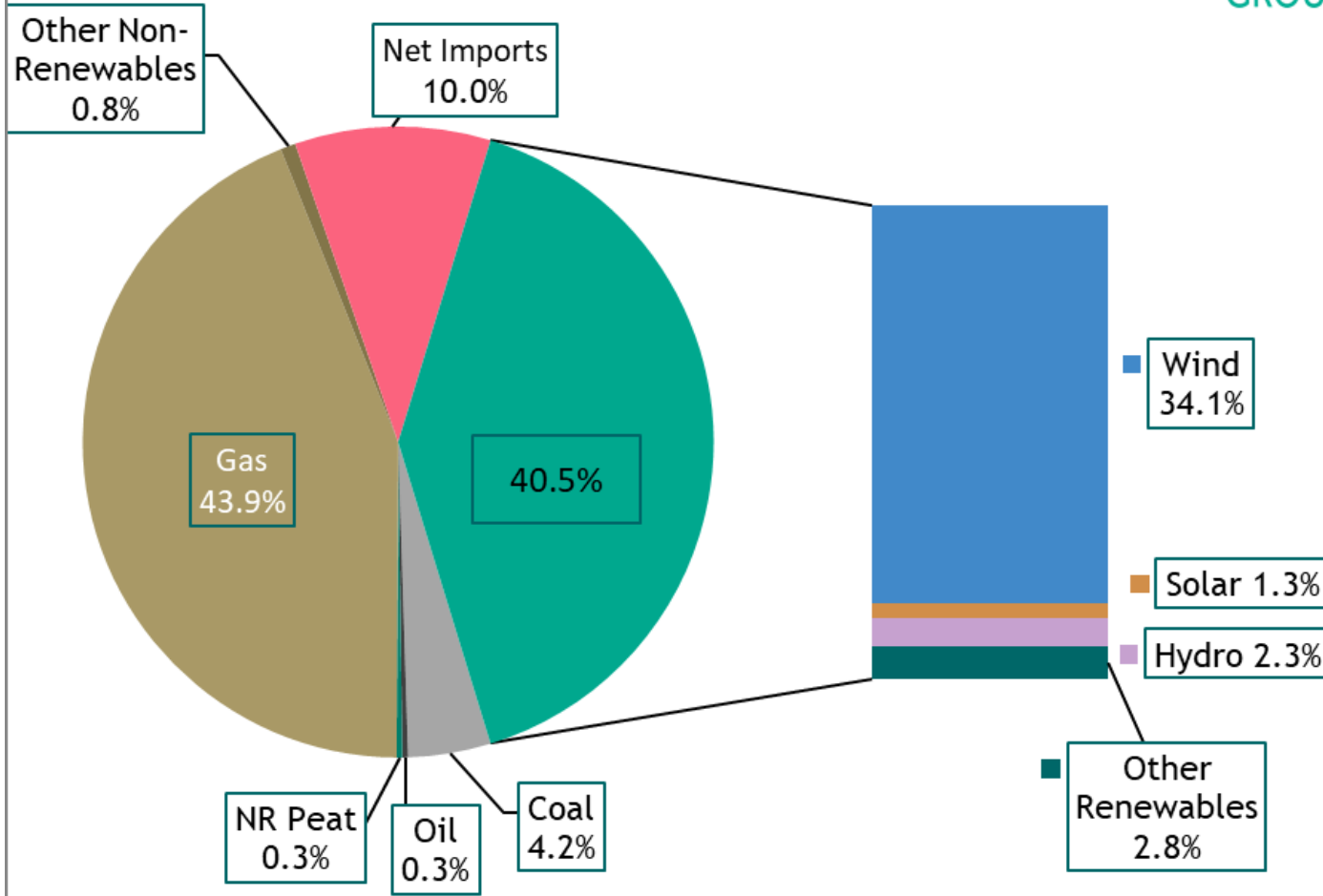
Jillian Ferris

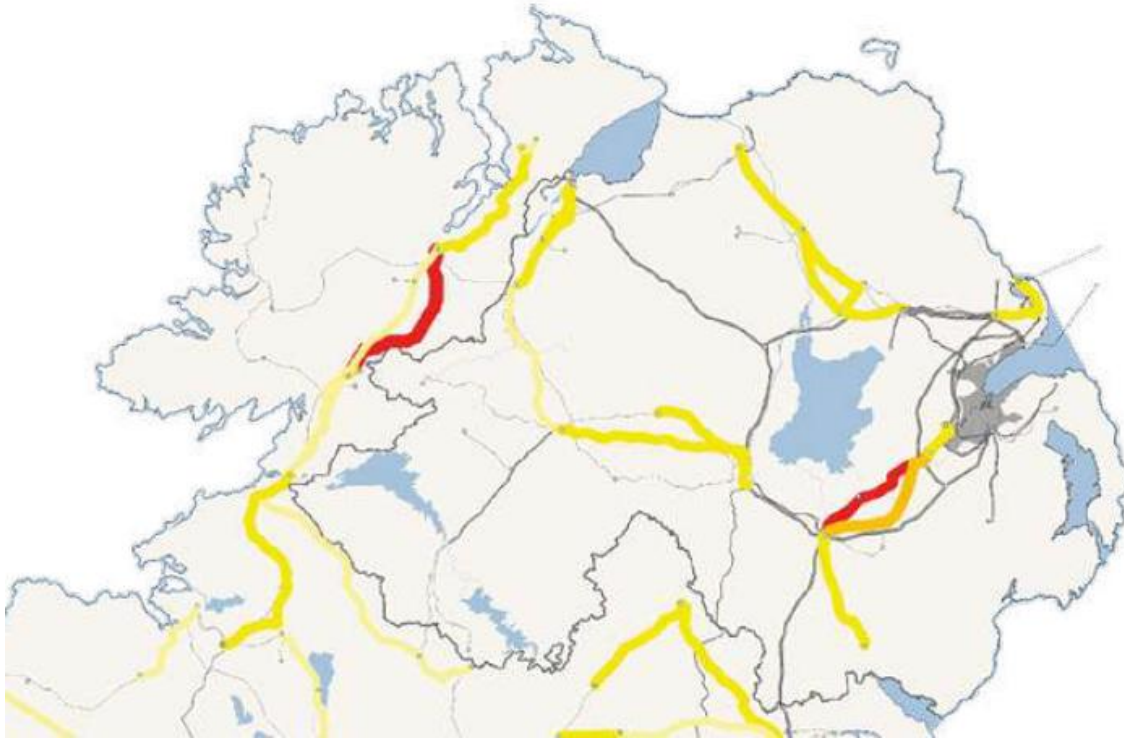
Head of Networks

Utility Regulator, Northern Ireland

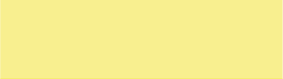





All Island Fuel Mix 2023



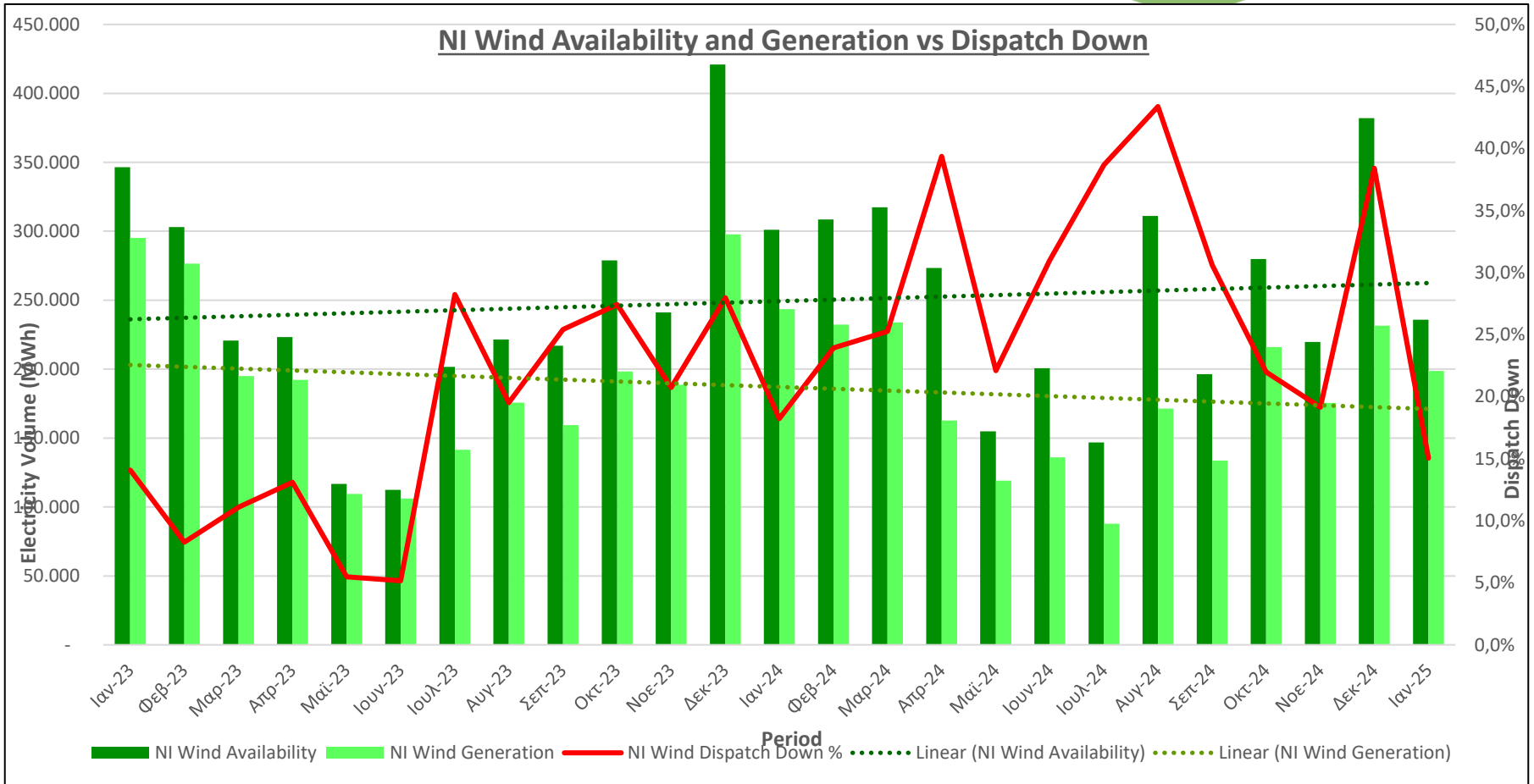


System Needs - Transmission System

Indicator	Risk of overloading
	Marginal risk of overloading – circuit loaded up to 101% thermal rating for 1% of the year
	Small risk of overloading – circuit loaded up to 105% thermal rating for 5% of the year
	Moderate risk of overloading – circuit loaded up to 110% thermal rating for 10% of the year
	Heavy risk of overloading – circuit loaded up to 120% thermal rating for 20% of the year

Source: Shaping our Electricity Future,
SONI/ Eirgrid, 2024





What are we doing about it?

- “Dispatch Down Working Group” – network operators and Utility Regulator, developed an Action Plan:
 - Changes to Operational Policy, including number of power gen sets required; reduced negative reserve and dynamic line rating
- Market Mechanisms to support investment for power system flexibility and long duration energy storage
- Incentivise network operators to deliver network asset upgrades
- Firm Access Review – first stage has begun – UR and system operator:
 - Data collation on constraints at every flexible connection point
 - Assess if reinforcements have been unduly delayed
 - Consider impact on consumers on any change in policy for compensating constraints

