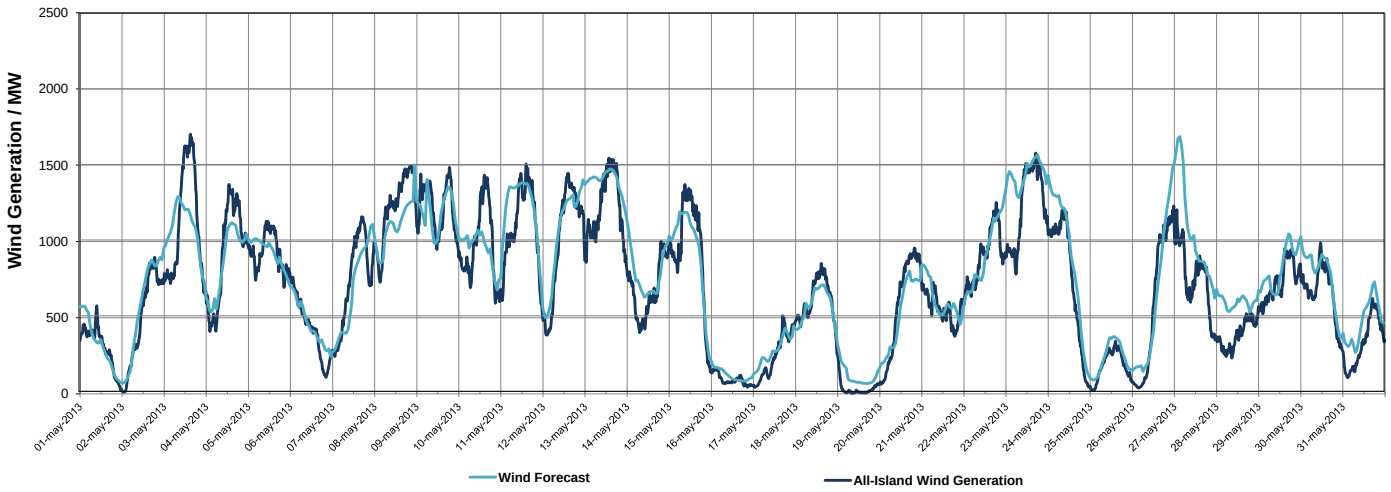
EirGrid & SONI Operations | **All-Island Wind and Fuel Mix Report** | ***May 2013***

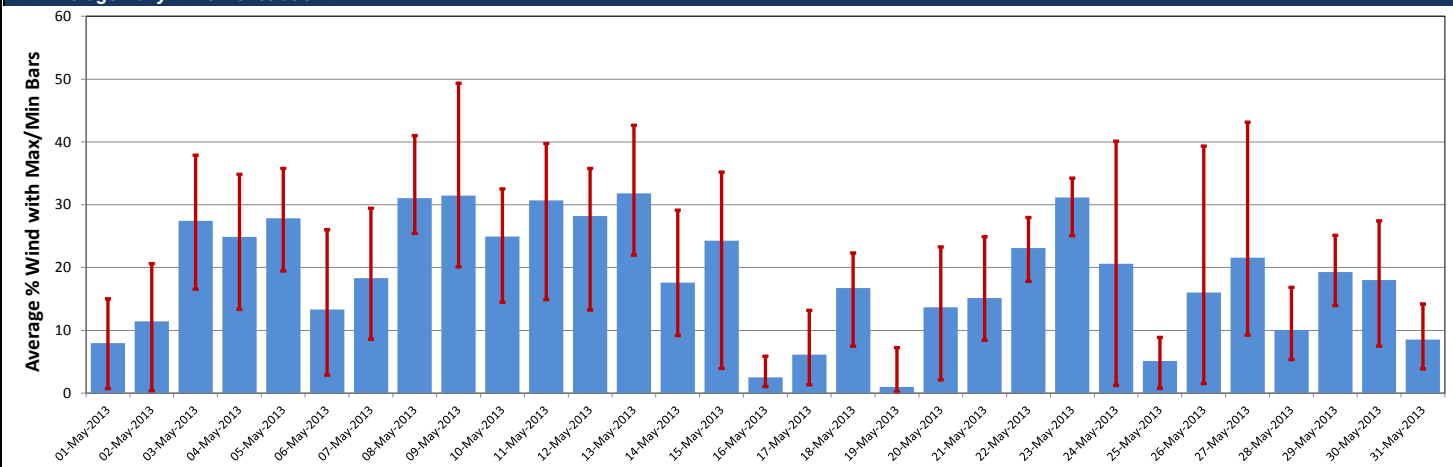
▼System Data▼

TSO	Installed Wind Capacity (MW)	Wind (MW) Max	Wind (MW) Min	Wind (MW) Avg	Wind GWhrs	Monthly Wind Capacity Factor %	Demand* (MW) Max	Demand* (MW) Min	Demand* (MW) Avg	Total GWhrs	Wind Penetration % Max	Wind Penetration % Min	Wind Penetration % Avg	SNSP Max	Avg Abs Forecast Error
EirGrid	1637	1311	4	564	420	34.5	3610	1904	2869	2135	52.7	0.2	19.8		
SONI	472	394	0	145	108	30.7	1314	568	959	714	55.5	0.0	15.3		
All-Island	2109	1701	6	709	527	33.6	4861	2480	3828	2848	49.3	0.2	18.7	50.0	7.14%

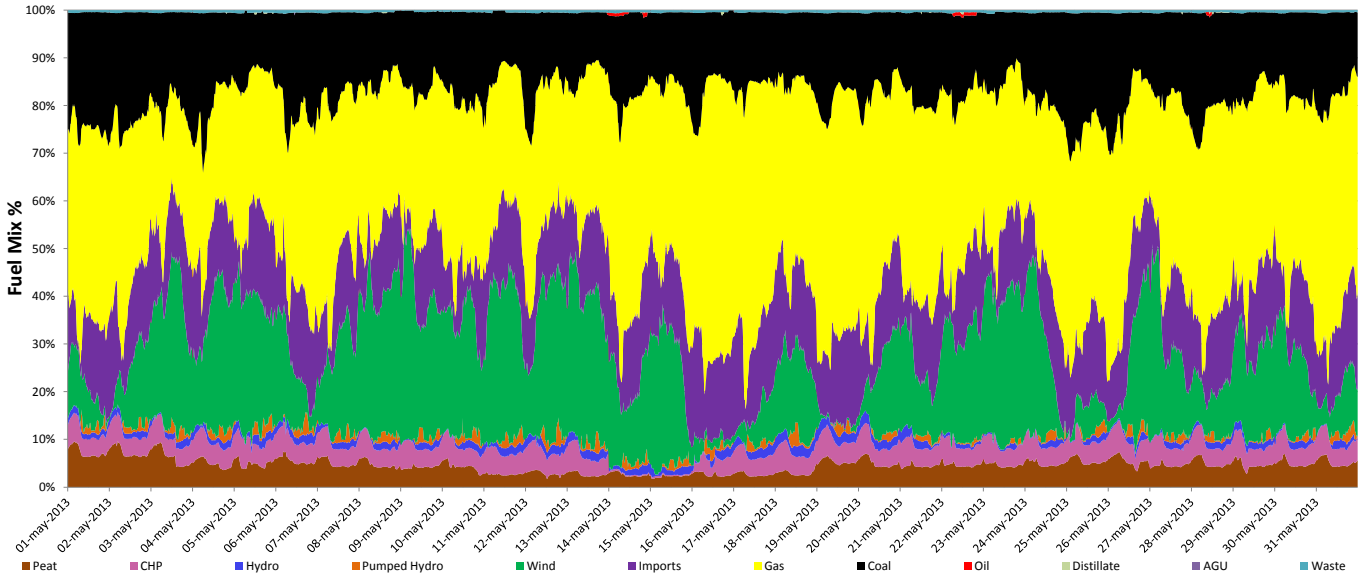
▼All-Island Wind Generation and Forecast Wind▼



▼Average Daily Wind Penetration▼



▼Fuel Mix 15 minute Time-Series▼



▼General Information / Notes▼

**Demand Data is based on Export plus Generation House Load*
System Data is based on 15-minute SCADA data
Installed Wind MW based on SCADA and Registered data
The maximum wind generation in the different jurisdictions does not necessarily occur at the same time
SNSP - System Non-Synchronous Penetration is the sum of Wind generation and HVDC imports as a percentage of total generation

While every effort has been made in the compilation of this report to ensure that the information herein is correct we cannot accept any responsibility or liability for any damage howsoever caused by reliance on the information presented here.

EIRGRID

SONI System Operator for Northern Ireland