

RfG Banding: Update on use of FES Data

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Topics

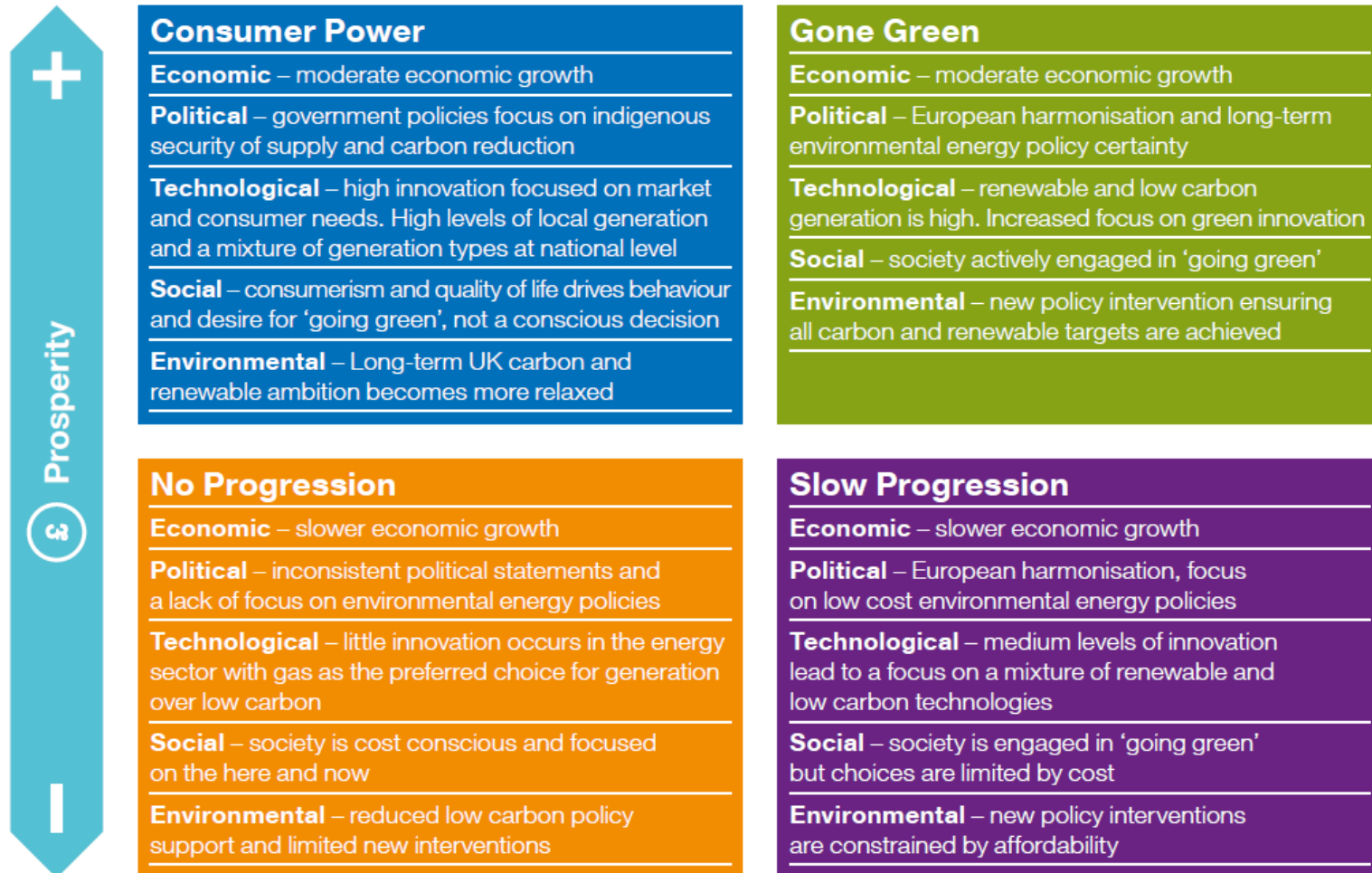
- Response to queries at last workgroup
- Recap on FES
- Distributed Generation by Type
 - + Tx Gen (Type D)
- Link to System Operability
 - Presentation by Ben Marshall (NGET)

- Time Frame for CBA Data Sources

Follow-ups on last month's presentation

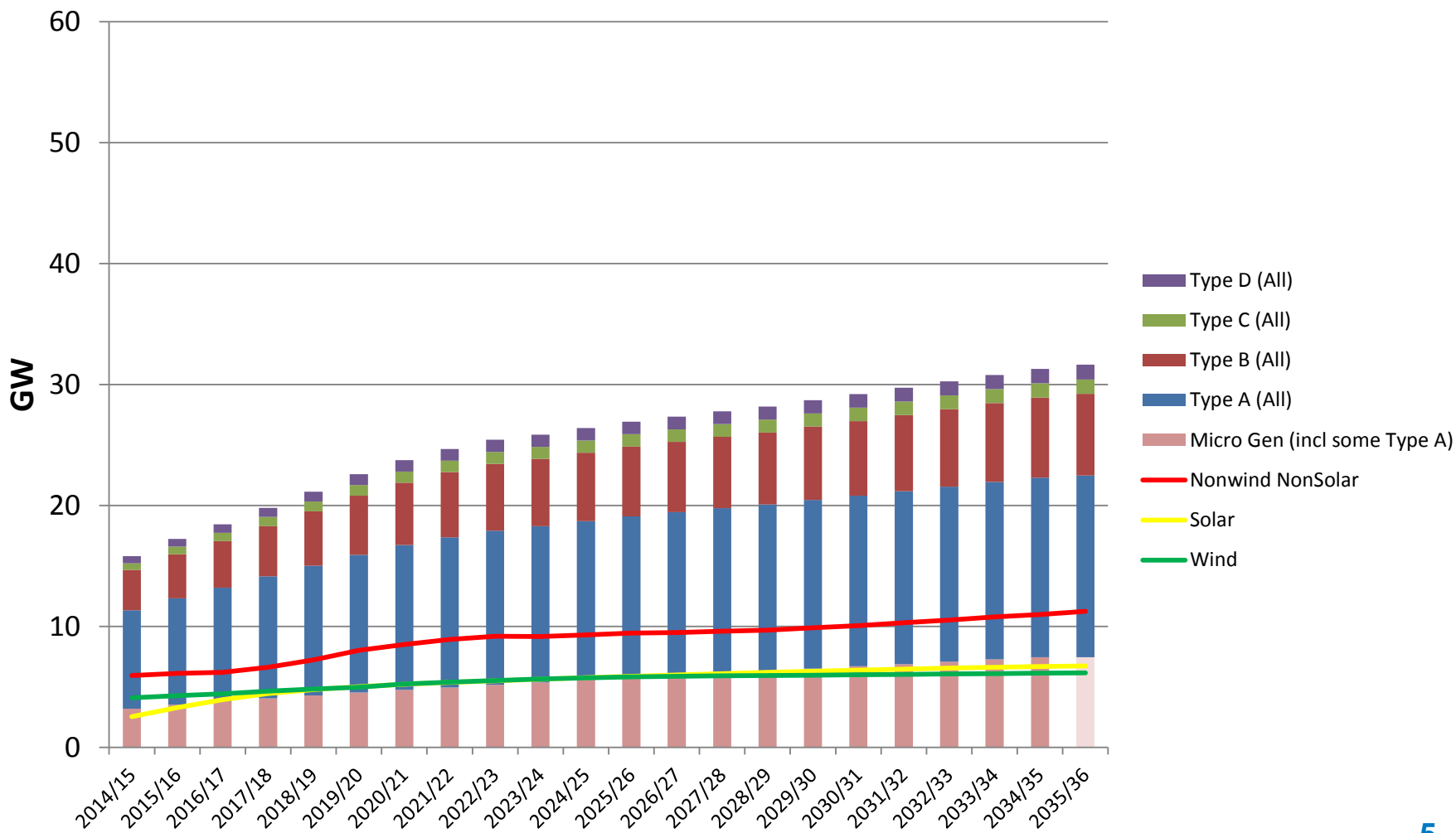
- **What status do the interconnectors have for response provision; are they in/out of merit?**
 - At times of system constraint (e.g. summer minimum), FES assumes interconnector (I/C) physical flow to be neutral (0MW). The Irish I/Cs would be exporting from GB to Ireland however.
 - At all other times the interconnectors flow dependant on prevailing market conditions (e.g. power prices)
 - All interconnectors are considered in merit (e.g. commercially available) for response
- **How is the FES criteria for in/out of merit determined?**
 - Due to commercial sensitivities involved, particularly as third party data is involved, the principles behind the 'in/out of merit' classification cannot be shared by the FES team

A recap on FES principles...



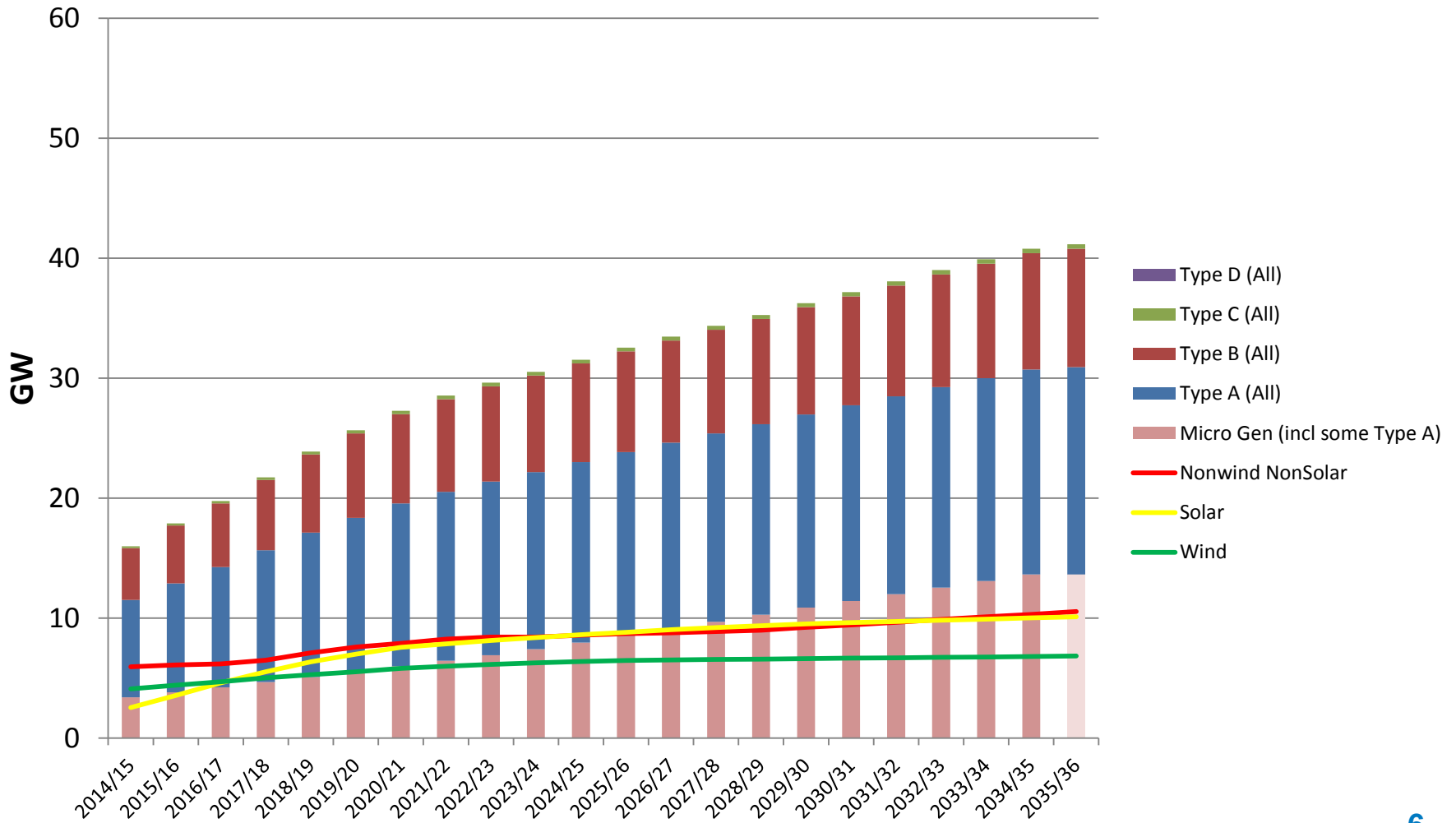
No Prog. – Distributed Gen

Installed Capacity by RfG band (as per code)



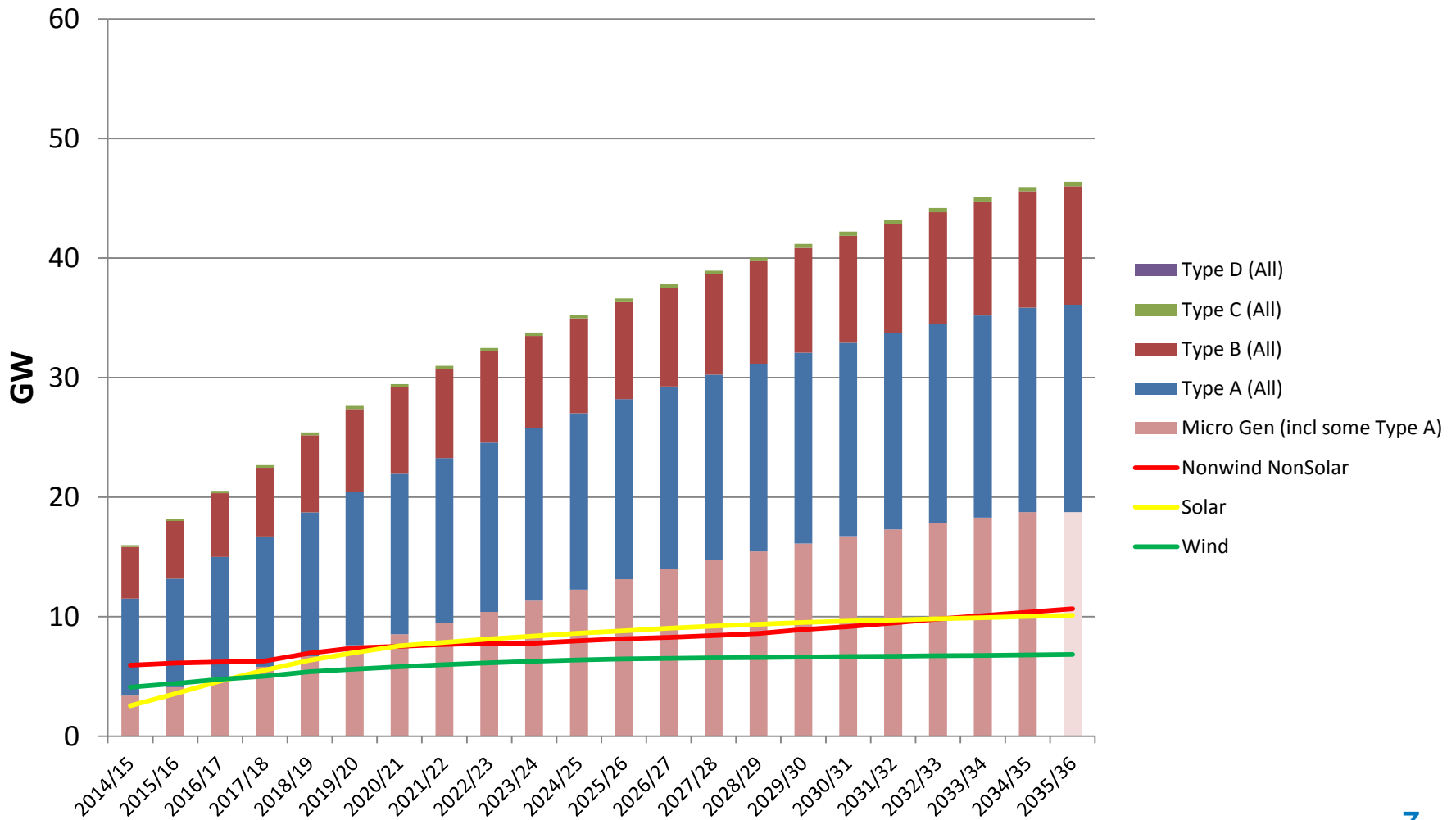
Slow Prog. – Distributed Gen

Installed Capacity by RfG band (as per code)

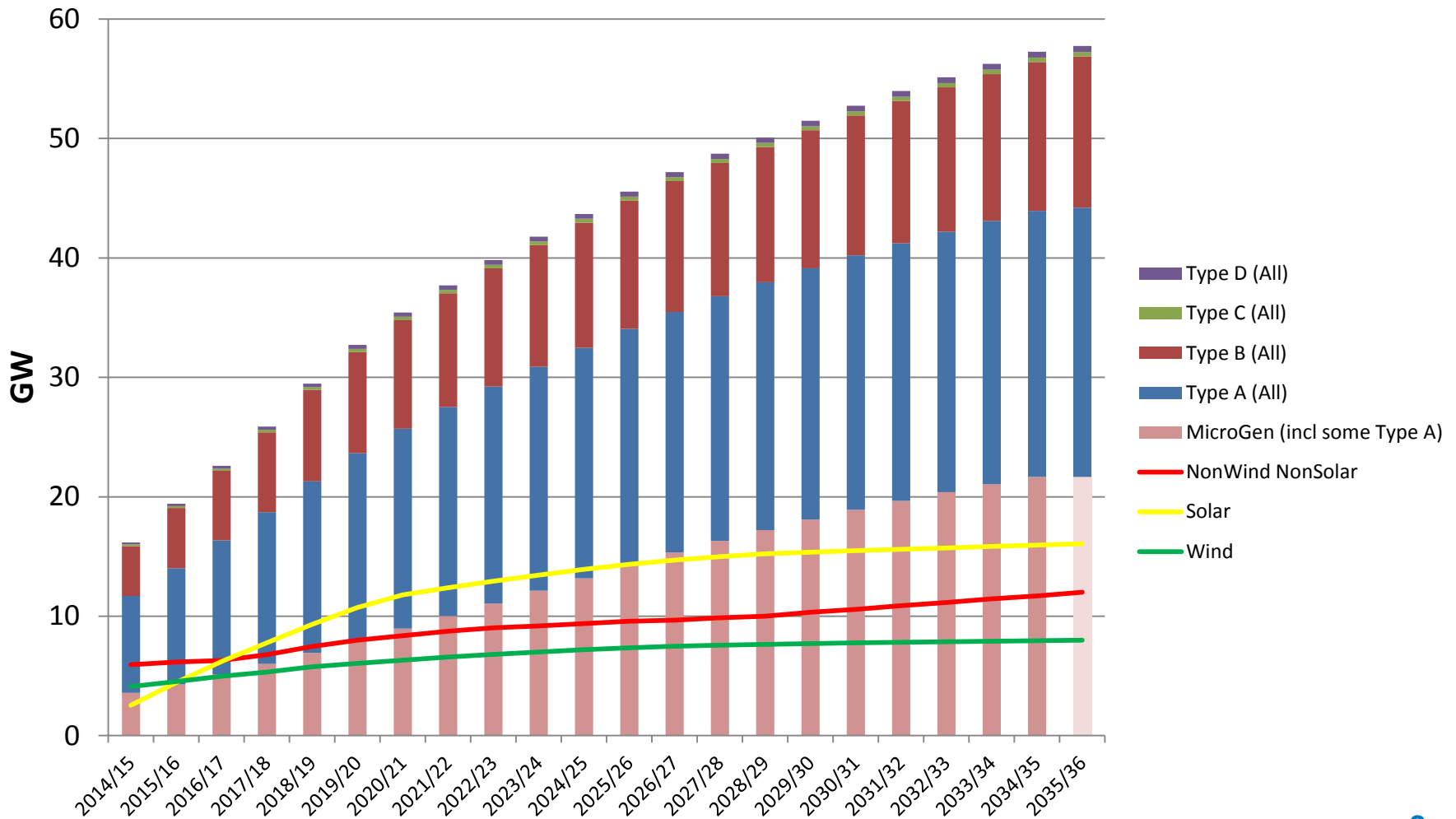


Gone Green – Distributed Gen

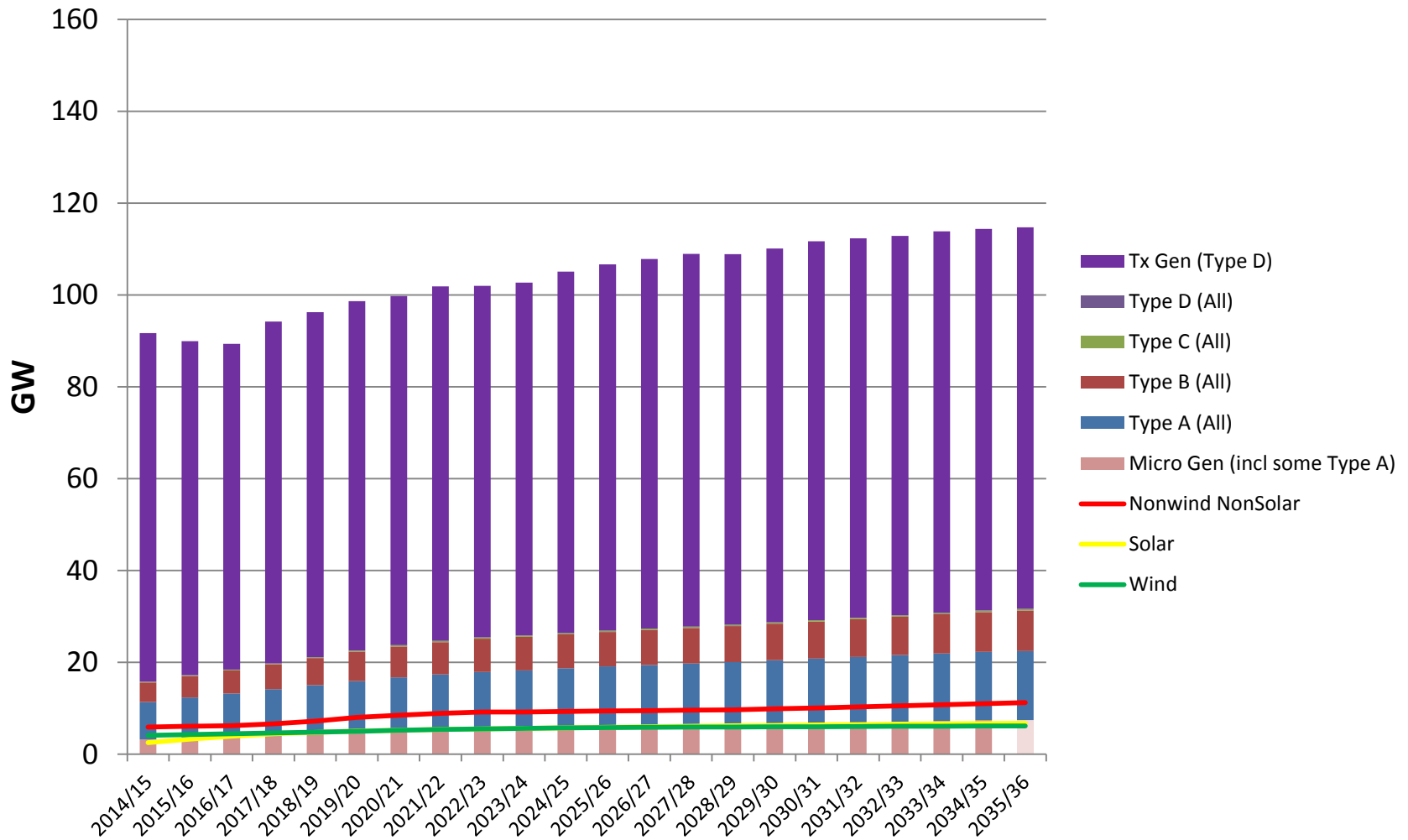
Installed Capacity by RfG band (as per code)



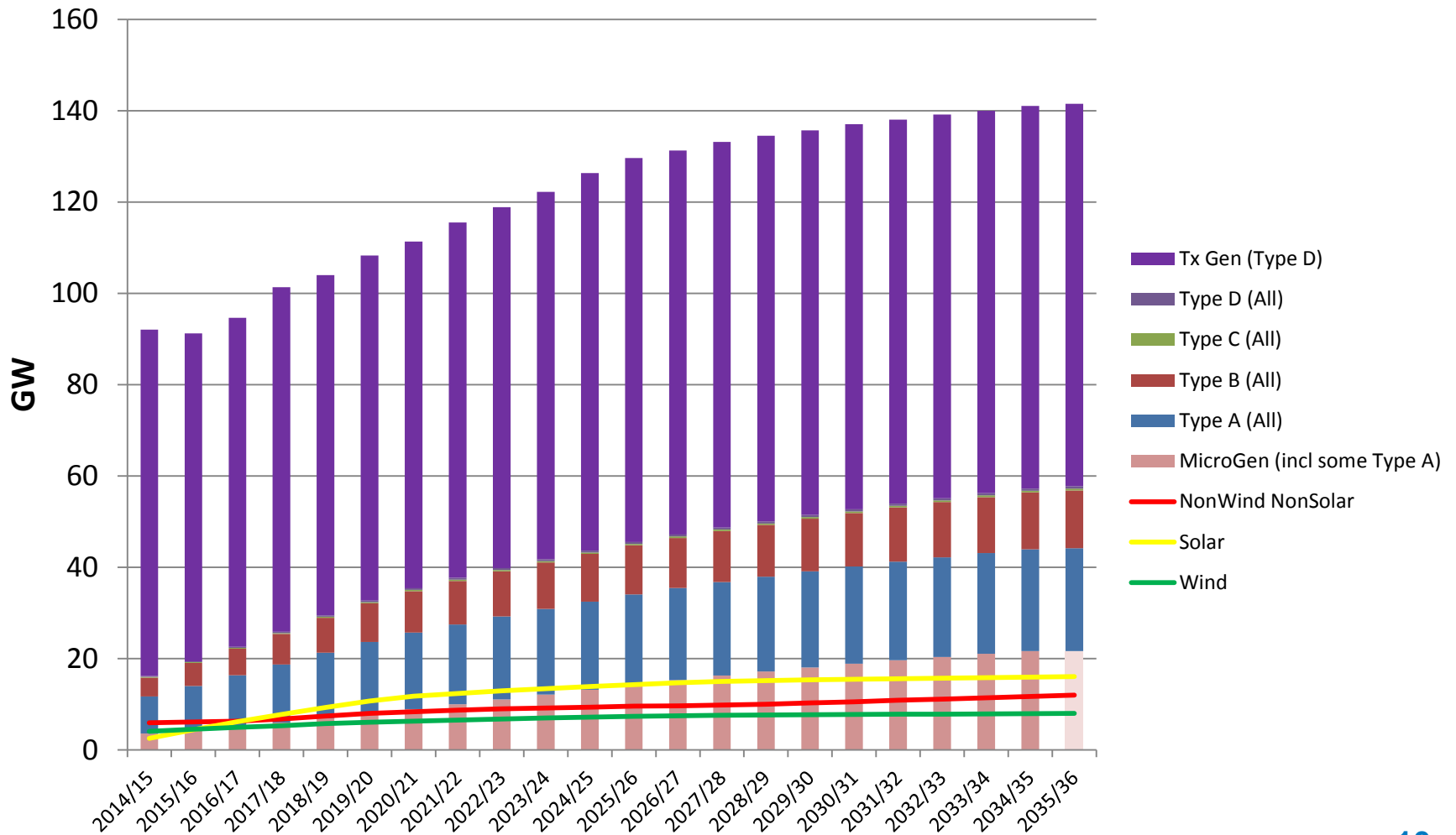
Consumer Power – Distributed Gen nationalgrid Installed Capacity by RfG band (as per code)



No Prog. – Installed Capacity by RfG band (as per code) including Tx



Con. Power – Installed Capacity by nationalgrid RfG band (as per code) including Tx



FES 16...

- A new sensitivity on Consumer Power was included within the FES 15, which reflected additional Solar PV installation in the current year post-FES consultation
- This potentially would be incorporated into all four scenarios for FES 16, projecting a larger total than currently anticipated

Installed Capacity	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Solar PV Sensitivity (MW)	5709	8879	199	15193	18337	21295	23839	25739	27595	29399	31140	32778
15 CP	4753	7039	9401	11672	13978	16145	18001	19376	716	218	23273	24452

Link to System Operability

[Separate presentation by Ben Marshall]

Time Frame for CBA Data Sources

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Which duration of future datasets should GC0048 base the initial setting of RfG banding thresholds on? (Rank in order of preference)

	Responses											Total	Count	Total/Count	Rank
Up to 3 years	2	1	1	1	4		6	2	6	3	4	30	10	3.0	4
Up to 5 years	1	2	2	2	1	1	5	1	5		1	21	10	2.1	1
Up to 7 years	3	3	3	3	2		2	4	3		2	25	9	2.8	2
Up to 10 years	4	4		4	3		1	3	1		3	23	8	2.9	3
Up to 15 years	5	5		5	5		3	5	2		5	35	8	4.4	5
Up to 20 years	6	6		6	6		4	6	3		6	43	8	5.4	6

Please continue to respond at:

<https://www.surveymonkey.com/r/SRMKL9Q>