

## CMP213 - Project TransmIT TNUoS Developments

### Actions Log - WG Meeting 10 & 11 Held on: 8<sup>th</sup> & 9<sup>th</sup> October 2012, ENA – London

#### ATTENDANCE:

Name	Initials	Representing	10 <sup>th</sup> October	11 <sup>th</sup> October
Patrick Hynes	PH	Chairman – National Grid	Yes	Yes
Jackeline Crespo-Sandoval	JCS	Technical Secretary, National Grid	Yes	Yes
Ivo Spreeuwenberg	IS	Proposer, National Grid	Yes	Yes
Wayne Mullins	WM	Proposer alternative, National Grid	No	No
Garth Graham	GG	SSE	Yes	Yes
Angus MacRae	AM	SSE alternative	No	No
Simon Lord	SL	First Hydro	Yes	Yes
Stuart Cotton	SC	Drax Power	Yes	Yes
Paul Jones	PJ	E.ON UK	Yes	Yes
Frank Prashad	FP	RWE	No	Yes
Bill Reed		RWE alternative	Yes	No
Dennis Gowland	DG	EMEC	Yes	Yes
Ricky Hill	RH	Centrica	Yes	Yes
Helen Snodin	HS	Xero Energy	Yes	Yes
Peter Waghorn	PW	Conoco Phillips / Immingham CHP	Yes	Yes
Ebba John	EJ	DONG Energy	Yes	Yes
Anthony Mungall	AM	Ofgem	Yes	Yes
Maf Smith	MS	RenewableUK	No	No
Zoltan Zavody		RenewableUK alternative	Yes	Yes
Robert Longden	RL	Mainstream Renewable Power	No	No
Michael Dodd	MD	ESBI	Yes	No
Patrick Smart	PS	RES	Yes	Yes
Graham Pannell	GP	ScottishPower	No	No
James Anderson	JA	ScottishPower	Yes	Yes
Mark Cox	MC	EDF	Yes	Yes
Cem Suleyman	CS	Drax Power alternative	No	No
Nick Kay	NK	Observer	Yes	Yes

Note: Chair to contact Robert Longden to confirm future working group involvement

No.	Action	Responsibility	Status <small>(New/Outstanding/Completed)</small>
11	Think of level of granularity for the impact assessment using RedPoint model	All	Outstanding
28	Base on analysis in Action 27, suggest ways to resolve issue	SL/IS	Completed
29	Develop a simple approach for calculating charges based on generation capacity	FP	Outstanding
37	Analysis to establish volatility of tariffs in the original proposal using historic data	JCS	Outstanding
38	Look at impact of the proportioning approach suggested	GG	Outstanding
39	Review sharing alternative xiii (calculating circuit MWkm in a different manner to incorporate sharing)	SL	Outstanding
40	Analysis to show the discussed four re-referencing options (0/0, 27/73, no re-referencing; residual only, maintain revenue proportions arising from Transport model)	IS	Outstanding

45	Write a paper keeping islands as local and making local more shareable (including evidence of sharing)	HS	Completed
46	Write a paper on making islands wider and associated issues	IS/WM	Completed
48	Circulate previous paper on island expansion factors	HS	Outstanding
50	Investigate the cost of HVDC converter stations	HS	Completed (The TO's have advised that cost cannot be provided until the project is completed)
52	Paper on HVDC cost as AC overhead line/cable equivalent for the same distance	FP	Outstanding
53	Update paper on HVDC converter (table 1 option a-i-ii) to include pros and cons and add all the SO operational cost benefits related to the use of the HVDC converter (constraints cost saving arisen from outages and new built)	GG	Outstanding
54	Draw diagram to show how HVDC converters and Quad Boosters are used in the transmission system to add flexibility. Send to <b>GG</b> to include in paper for action 53	IS/WM	Outstanding
55	Comparison of cost relativity between Quad Boosters and HVDC converters	JCS	Completed
56	Discuss potential issues with the HVDC impedance calculation: i) Counter flow issue ii) Dynamic calculation (original proposal is based on year round background)	FP	Outstanding
57	Clarify that the calculation of the HVDC impedance will be done annually	IS	Outstanding
58	HVDC future analysis on the effect of dynamic impedance	FP	Outstanding
59	Review and send comments on EMR paper on action 17 to <b>MS/GG</b>	All	Outstanding
60	Ivo to ensure that if strawman were to include possible alternatives, it should include all of them	IS	Completed (Proposer has confirmed that this will be addressed in the WG report)
61	Update paper on action 24 to include a distribution bell curve and provide greater results granularity (if possible).	JCS	Completed
62	Update paper on action 25 to include alternatives and clarify what ex-ante and ex-post is assumed to mean	MD	Outstanding
63	Review and send comments on action 30 and 31 papers to <b>EJ</b>	All	Outstanding
64	Initiate a paper capturing diversity as an issue and progress to date on developing an alternative to the original (ref. action 27)	IS/SL	Outstanding
65	Categorise historic bid/offer prices by plant type and age to discover if a clear relationship exists; potential for use in sharing alternative	IS	Outstanding
66	Check consistency of the Expansion Constant in relation to asset cost assumptions used in SQSS GSR009 cost benefit analysis	IS/FP/PJ	Outstanding
67	Review diversity paper under action 27 to consider how scenarios used in analysis align with underlying principles of network sharing	IS	Superseded by action 64
68	Coordinate with PJ, MD and EB to input into paper on ALF calculation	SC	Completed (see action 63)
69	Expand straw man to explain what ALF is seeking to achieve/represent	IS	Completed

70	Circulate paper outlining the principles of how island connections would be planned versus how they are charged	IS	Completed
71	List the various components of an HVDC converter station and their high level function	PW	Completed
72	Report the relative cost of a line transformer vs DC converter (related to action 55)	JCS	Completed
73	Comparison of total point to point cost for AC versus DC to compare the relative cost	IS	Outstanding
74	Review and circulate comments on PH paper regarding revenue recovery from local circuits	All	Outstanding
75	Circulate table stating advantages and disadvantages of having a specific rather than a generic expansion factor	DG	Outstanding
76	Review paper on actions 34 through 36 (how TOs plan local circuits) and contact Ivo with any questions	DG	Completed
77	Dig out implementation section from Transmit SCR report and if still relevant circulate to WG	IS	Outstanding
78	Consider consequences of proposed TNUoS changes in relation to access products (i.e. LDTEC, SDTEC) and other related CUSC arrangements	All	Outstanding
79	Draft a paper on the potential EU implications	GG	Outstanding
80	Update paper on action 45 to include Local sharing based on derogations approach (i.e. CBA) and include other options discussed: i) Capacity base; ii) Pro-rating base on Load factor; iii). MWhr Coincidence/diversity (output correlation)	HS	New
81	Conduct analysis using the year-round background only on Improved ICRP	IS	New
82	Write paper on the effects of the residual, charged on TEC, on cost reflectivity under Improved ICRP	JCS	New

**Next meeting:** 22<sup>th</sup> October: 10:00 am to 5:00 pm

**Venue** : Energy Network Association  
6th Floor, Dean Bradley House  
52 Horseferry Road  
London  
SW1P 2AF

**Web link** : <http://www.energynetworks.org/info/find-us/directions.html>