

CMP213 - Project TransmiT TNUoS Developments

Actions Log - WG Meeting 6 & 7

Held on: 4th & 5th September 2012, Scarman House – Warwick University

ATTENDANCE:

Name	Initials	Representing	4 th September	5 th September
Patrick Hynes	PH	Chairman – National Grid	Yes	Yes
Jackeline Crespo-Sandoval	JCS	Technical Secretary, National Grid	Yes	Yes
Ivo Spreeuwenberg	IS	Proposer, National Grid	No	No
Wayne Mullins	WM	Proposer alternative, National Grid	Yes	Yes
Garth Graham	GG	SSE	Yes	Yes
Simon Lord	SL	First Hydro	Yes	Yes
Stuart Cotton	SC	Drax Power	No	No
Paul Jones	PJ	E.ON UK	Yes	Yes
Frank Prashad	FP	RWE	Yes	Yes
Stefan Leedham	SLE	EDF	No	No
Dennis Gowland	DG	EMEC	Yes	No
Ricky Hill	RH	Centrica	Yes	No
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	Fred Olsen Renewables UK	Yes	Yes
Robert Longden	RL	Mainstream Renewable Power	No	Yes
Michael Dodd	MD	ESBI	No	Yes
Patrick Smart	PS	RES	Yes	Yes
James Anderson	JA	ScottishPower	Yes	Yes
Mark Cox	MC	EDF	Yes	Yes
Cem Suleyman	CS	Drax Power	Yes	Yes

No.	Action	Responsibility	Status (New/Outstanding/Completed)
11	Think of level of granularity for the impact assessment using RedPoint model	All	Outstanding
15	Email Ivo examples to use to illustrate ALF and alternatives impact	All	Outstanding
16	Clarification on how transport model re-referencing will work with proposed dual background	IS	Completed
17	Circulate paper on EMR key issues that may impact CMP213	MS/GG	Completed
18	Circulate initial thoughts on the agreed areas of proposal to be developed before next meeting (see accompanying slides)	As allocated	Outstanding
20	Circulate previous analyses on the impact of collected all revenue from the locational element of tariffs	IS	Completed
22	General clarifications, additional requested detail and update of original sharing proposal	IS	Completed
23	Circulate list of factors that affect plant life	SC	Outstanding
24	Load factor forecast analysis using historic Load Factor outturns	JCS/IS	Completed
25	Paper comparing ex-ante/ex-post load factor calculation and any reconciliation	MD	Completed
26	Circulated scenarios to be used as basis for discussion relating to actions 24 & 25	All	Outstanding

27	Demonstrate the effect of divergence in zones with lack of diversity (suggested to use ELSI as the preferred modelling tool)	SL/IS	Outstanding
28	Base on analysis in Action 27, suggest ways to resolve issue	SL	Outstanding
29	Develop a simple approach for calculating charges based on generation capacity	FP	Outstanding
30	Add hybrid option to paper on "alternative data to be used in calculating ALF"	EJ	Completed
31	Finalise incentive options section on NG forecast or User forecast paper	PJ	Completed
32	Produce analysis using SQSS scaling factors as generic load factor	SLE/IS	Outstanding
33	Add a section describing the benefits of the proposed approach to the "Generic load factor" paper	IS	Outstanding
34	Confirm if local assets are built to TEC or CEC	IS	Completed
35	Confirm if TOs built to 100% TEC for local	IS	Completed
36	Confirm with onshore TOs what they would plan to build for connecting local intermittent generators (e.g. islands)	IS	Completed
37	Analysis to establish volatility of tariffs in the original proposal using historic data	JCS	Outstanding
38	Island: 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
41	Confirm how circuits that are both local and wider are treated in the current transport model	PH/IS	Completed
42	Islands: expand paper on action 34 to confirm with TOs what they will build if an island become part of the wider network, specifically with demand.	IS/WM	New
43	Explanation of how the expansion factor is calculated and what plant items are included in the calculation also clarify the use of TEC and circuit ratings	IS/WM	New
44	Islands: update paper on action 41 and send to PW to add to his paper on table 1 islands (option: <i>b-i</i>)	IS/WM/PW	New
45	Write a paper keeping islands as local and making local more shareable	HS	New
46	Write a paper on making islands wider and associated issues	IS/WM	New
47	Confirm existing expansion factor ranges on different technologies	IS/WM	New
48	Circulate previous paper on island expansion factors	HS	New
49	Review NG offshore consultation and Ofgem decision, in relation to assets included in the expansion factor calculation (specific vs generic)	PJ	New
50	Investigate the cost of HVDC converter stations	HS	New
51	Confirm if cable tunnel costs are included in the expansion factor calculation	IS/WM	New
52	Paper on HVDC cost as AC overhead line/cable equivalent for the same distance	FP	New

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	New
54	Draw diagram to show how HVDC converters and Quad Boosters are used in the transmission system to add flexibility. Send to GG to include in paper for action 53	IS/WM	New
55	Comparison of cost relativity between Quad Boosters and HVDC converters	JCS	New
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	New
57	Clarify that the calculation of the HVDC impedance will be done annually	IS	New
58	HVDC future analysis on the effect of dynamic impedance	To be confirmed	New
59	Review and send comments on EMR paper on action 17 to MS/GG	All	New
60	Ivo to ensure that if strawman were to include possible alternatives, it should include all of them	IS	New
61	Update paper on action 24 to include a distribution bell curve and provide greater results granularity (if possible).	JCS	New
62	Update paper on action 25 to include alternatives and clarify what ex-ante and ex-post is assumed to mean	MD	New
63	Review and send comments on action 30 and 31 papers to EJ	All	New

Next meeting: 20th September: 10.00 am to 4.00 pm

Venue : Grand Connaught Rooms
61/65 Great Queen Street
London
Greater London
WC2B 5DA

Web link : <http://www.grandconnaughtrooms.com/location/how-to-find-us.html>

Next meeting: 21th September: **9.30 am** to 3.30 pm

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

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