

Station Name: Wyvis Hydro

Connection Site/GSP: Grudie Bridge

Company Name: SHEPD

MITs Substations: Beaully

Derogation Report Ref: 12-DR-262-B2-Rev1

Part 1: Technical Description of Non Compliance *[To be completed by the relevant Transmission Owner.]*

Relevant Paragraph(s) of NETS Security and Quality of Supply Standard	Cause	Part of System Affected	Initial Conditions		Interim Operational Solution	Long Term Solution, to include brief description of access requirements.	Derogation Expiry Date
			System Intact	Circuit Outage			
NETS SQSS Section 4 Clauses 4.4 – 4.10	Trip of Beaully Denny line	Overload of Beaully – Nairn – Keith 132kV circuits	System intact at ACS peak demand	None	NETSO operational measures in operational timescales in accordance with Section 5 of the NETS SQSS	SHETL to develop and construct the following transmission reinforcements: i) SHETL-RI-009: East Coast 400kV Upgrade ii) SHETL-RI-025a: Rothienorman – Peterhead 400kV upgrade iii) SHETL-RI-025b: Peterhead – Hawthorn Pit (West Coast) 2GW HVDC link iv) SHETL-RI-025c: Peterhead 400kV substation v) SHETL-RI-026: Blackhillock 275kV QBs vi) SHETL-RI-033: Second East Coast HVDC Link from Peterhead to England vii) SHETL-RI-038: Errochty 132kV reconfiguration <i>Completion dates subject to consents and regulatory approval</i>	Derogation is sought until completion of listed long-term reinforcement solutions. Derogation triggered by advancing generator connections via connect and manage arrangements
	Trip of Kintore –Alyth double circuit line.	Overload of Errochty 132kV network Overload of Kintore – Tealing double circuit line	System conditions expected to arise in the course of a year	Typical planned outage pattern			

**See 2011 Seven Year Statement Figure C.1.4 –
“SHETL Forecast Power Flows at Winter Peak,
2014/15” for network configuration**

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Part 2: Expected Consequence of Non -Compliance. *[To be completed by the System Operator, with reference to appropriate Transmission Owner.]*

Value of Carbon Benefit (£k), (including time period over which cost benefit is calculated).	
Summary of proposed System Operator actions to manage non- compliance. <i>To include:</i> <i>pricing assumptions.</i> <i>Description of diversity within the</i> <i>group (not to include reference to</i> <i>particular projects)</i> <i>User agreements for services such</i> <i>as energy management or intertrips.</i> <i>Contribution of project to wider non</i> <i>compliance at boundary level.</i>	
Estimated range of costs to manage non compliance (£k). To include time period over which costs are assessed.	
Description of risk due to network non compliance. e.g. constraint increase due to project delay	