

Station Name: Corrimony

Connection Site/GSP: Fasnakyle

Company Name: SHEPD

MITs Substations: Beaully/Fort Augustus

Derogation Report Ref: 11-DR-173-B1-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 Blackhillock - Knocknagael/Beaully/Knocknagael double circuit lines. (pre-Beaully Denny)	Overload of Fort Augustus - Errochty double circuit line	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-002: Beaully-Denny  ii) SHETL-RI-004: Beaully – Blackhillock – Kintore reconductoring  iii) SHETL-RI-007c: 400kV Busbar at Blackhillock  iv) SHETL-RI-031a: Spittal – Moray Firth Offshore Hub and Spittal 132kV busbar  v) SHETL-RI-031b: 600MW HVDC link Moray Firth Hub – Blackhillock  vi) SHETL-RI-035: Loch Buidhe 275/132kV substation  vii) SHETL-RI-036: Beaully – Loch Buidhe 275kV reconductoring  viii) SHETL-RI-037: Fyrish 275/132kV Substation   <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 Fort Augustus - Errochty single circuit (pre-Beaully Denny)	Overload of remaining Fort Augustus – Errochty single circuit	System conditions expected to arise in the course of a year	Typical planned outage pattern			
	Trip of Beaully-Loch Buidhe double circuit and Beaully- Shin double circuit lines	Beaully-Shin and Dounreay-Mybster double circuit lines					
	Trip of Beaully-Shin single circuit	Beaully- Shin single circuit					

**See 2011 Seven Year Statement Figure C.1.3 – “SHETL Forecast Power Flows at Winter Peak, 2013/14” 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	