

Minutes of Distribution Code Review Panel Meeting – 9th April 2013

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| <u>Present:</u> | Derek Hynes (DH) | Chairman |
| | Paul Harrington (PHR) | Secretary |
| | Tony Hearne (TH) | DSO Representative |
| | Paul Hickey (PH) | DSO Representative |
| | Rónán Ó hÓgartaigh (ROH) | DSO Representative |
| | Alan Rogers (AR) | TSO Representative |
| | Nigel Morris (NM) | CER Representative |
| | Ciarán O'Brien (COB) | Independent Suppliers Representative |
| | Ciarán Donnelly (CD) | Embedded Generators Representative |
| | Sean Doolin (SD) | PES Representative |

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| <u>Apologies:</u> | John McAuley | ETCI Representative |
| | Catherine Joyce-O'Caollai | Major Customers Representative |

1. Introduction of Panel members

- The Chairman welcomed the members of the Panel to the meeting. The Panel members briefly introduced themselves. The new members are:
 - o Derek Hynes, Chairman (ESB Networks)
 - o Paul Hickey (ESB Networks)
 - o Nigel Morris (CER)
- Paul Harrington (ESB Networks) has replaced Stephen Donlon as Panel Secretary.
- TH informed the Panel that he will shortly be moving to a new role within ESB Networks involving the integration of embedded generation in the Distribution System.

2. Review of Previous Minutes

- PHR outlined the contents of the previous meeting's minutes (22nd March 2012) and briefly spoke through two presentations delivered at the previous meeting:
 - o The requirements and structure of the Distribution Code
 - o The Constitution and Rules of the Distribution Code Review Panel
- The minutes were accepted by all.

3. Presentation of proposed modifications to the Distribution Code

- TH outlined the current proposed modifications to the Distribution Code:
 - a) Fault ride through
 - b) Reactive power and voltage control
 - c) Frequency response
 - d) Ramp rates
 - e) Definitions

Discussion:

More work is required outside of the Code to develop specific SCADA signal lists to implement the changes to the Code at each IPP site.

Recently agreed wording on the definition of Registered Capacity to be included as proposed modification by TH for submission to Panel.

Conclusion:

It was agreed that the proposed modifications would be submitted to the Secretary in the standard Distribution Code Modification Proposal format, for circulation to Panel members and for discussion at the next meeting.

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4. Suggested future modifications
 - The Constitution and Rules of the Distribution Code Review Panel – review the suitability and the composition of Panel membership.
 - Definition of "Registered Capacity".
 - The impact that the forthcoming ENSTO-E European Grid Code will have on the Distribution Code.
 - Potential future modification re. ROCOF.
 - Potential future modification re. Power Factor.

5. Any other business
 - Query by CD: by what approved means can the reactance of the IPP/System interface transformer be compensated for by the IPP, e.g. SVC, capacitor bank?
Conclusion: this is not a Distribution Code issue.

 - Point was made re. the availability of ancillary services from IPPs connected to the Distribution System
Conclusion: this is not a Distribution Code issue.

 - Retrospection:
 - o CD to investigate developing a matrix of turbine technology to aid the processing of potential derogations.
 - o NM to examine the possibility of grouping derogations and implications of derogations.
 - o CD to present on the derogation issue at the next meeting of the Panel.

6. Next Meeting Date: Tuesday 21st May 2013.

**Paul Harrington,
Secretary.**

11th April 2013.